Release 5

Clone	Library	Arm	Start	End
CH321-01A04	CHORI-321	X	5695727	5800017
CH321-01A05	CHORI-321	3R	24992988	25088963
CH321-01A12	CHORI-321	4	685658	775325
CH321-01A15	CHORI-321	2L	17285945	17397715
CH321-01A16	CHORI-321	3R	11418229	11512849
CH321-01A18	CHORI-321	2L	8610787	8700049
CH321-01A19	CHORI-321	2L	917690	1024370
CH321-01A20	CHORI-321	X	13324567	13419656
CH321-01A21	CHORI-321	2R	1038820	1087311
CH321-01A22	CHORI-321	X	9167886	9266222
CH321-01A23	CHORI-321	X	726694	833809
CH321-01B01	CHORI-321	2R	8559541	8649880
CH321-01B02	CHORI-321	3R	17671575	17763364
CH321-01B03	CHORI-321	3L	13496683	13587363
CH321-01B04	CHORI-321	3R	3876463	3965677
CH321-01B05	CHORI-321	X	15980845	16069135
CH321-01B07	CHORI-321	3R	2569593	2653934
CH321-01B08	CHORI-321	2R	11256705	11357293
CH321-01B09	CHORI-321	3R	626091	728699
CH321-01B11	CHORI-321	2R	6250368	6320512
CH321-01B13	CHORI-321	3R	18518521	18564734
CH321-01B14	CHORI-321	2L	12344058	12442381
CH321-01B15	CHORI-321	2L	4685239	4782109
CH321-01B16	CHORI-321	2L	19444272	19531445
CH321-01B18	CHORI-321	3R	3965836	4062109
CH321-01B19	CHORI-321	2R	3378349	3477120
CH321-01B20	CHORI-321	X	20552194	20636961
CH321-01B22	CHORI-321	2L	14686660	14766634
CH321-01B24	CHORI-321	2L	2850550	2935551
CH321-01C03	CHORI-321	3L	10610541	10708371
CH321-01C04	CHORI-321	3L	8847262	8904034
CH321-01C05	CHORI-321	3R	10766814	10863504
CH321-01C06	CHORI-321	3R	24516686	24616101
CH321-01C12	CHORI-321	3L	9182864	9228476
CH321-01C13	CHORI-321	2L	401712	491879
CH321-01C14	CHORI-321	3L	1668298	1767920
CH321-01C18	CHORI-321	3L	12125465	12194179
CH321-01C19	CHORI-321	2R	9481409	9571356
CH321-01C20	CHORI-321	3R	328576	417182
CH321-01C21	CHORI-321	2L	2510730	2592492
CH321-01C23	CHORI-321	2L	2655028	2732404
CH321-01D05	CHORI-321	X	18962649	19064861
CH321-01D09	CHORI-321	X	16525606	16624751
CH321-01D11	CHORI-321	2R	4017306	4115198
CH321-01D12	CHORI-321	3R	26904912	27007956
CH321-01D13	CHORI-321	2R	12835548	12925095
CH321-01D14	CHORI-321	3R	4968957	5076078
CH321-01D15	CHORI-321	3R	17782400	17863466
CH321-01D17	CHORI-321	2L	7394797	7475224
CH321-01D18	CHORI-321	2L	13944135	14000685
CH321-01D19	CHORI-321	3R	22164832	22228046

CH321-01D20	CHORI-321	X	20782271	20864454
CH321-01D21	CHORI-321	3R	3882332	3928243
CH321-01D22	CHORI-321	2R	14358258	14460162
CH321-01D23	CHORI-321	X	10023102	10098759
CH321-01E02	CHORI-321	3R	18346632	18426798
CH321-01E03	CHORI-321	3R	15353543	15467577
CH321-01E10	CHORI-321	2L	1092160	1198688
CH321-01E12	CHORI-321	3R	17424100	17508876
CH321-01E13	CHORI-321	2L	10285314	10370405
CH321-01E15	CHORI-321	3L	2178026	2218243
CH321-01E16	CHORI-321	2L	7129612	7225559
CH321-01E17	CHORI-321	3L	5642645	5732208
CH321-01E22	CHORI-321	3L	2096759	2177849
CH321-01F01	CHORI-321	2R	9475981	9580687
CH321-01F05	CHORI-321	X	16864853	16963754
CH321-01F06	CHORI-321	3R	2587748	2665989
CH321-01F09	CHORI-321	2R	4246252	4314211
CH321-01F10	CHORI-321	3R	13885943	13969008
CH321-01F13	CHORI-321	2L	9079025	9158944
CH321-01F15	CHORI-321	X	14853898	14962922
CH321-01F16	CHORI-321	2L	21607191	21696281
CH321-01F18	CHORI-321	2L	13609895	13709218
CH321-01F19	CHORI-321	2R	19914983	19998248
CH321-01F20	CHORI-321	2L	4688935	4796492
CH321-01F21	CHORI-321	X	11696587	11777898
CH321-01F23	CHORI-321	3RHet	1699924	1774440
CH321-01G02	CHORI-321	2L	17702676	17803485
CH321-01G04	CHORI-321	2R	5825378	5923087
CH321-01G05	CHORI-321	2L	4363387	4446167
CH321-01G10	CHORI-321	3L	21037286	21108263
CH321-01G12	CHORI-321	2L	9041590	9132030
CH321-01G13	CHORI-321	2R	5761488	5867332
CH321-01G15	CHORI-321	2L	9197678	9278245
CH321-01G16	CHORI-321	3R	1088443	1145119
CH321-01G17	CHORI-321	2R	2098467	2177863
CH321-01G18	CHORI-321	3R	17140248	17226867
CH321-01G19	CHORI-321	3L	13831058	13926235
CH321-01G21	CHORI-321	2L	3528684	3620968
CH321-01G24	CHORI-321	2L	14239024	14329544
CH321-01H05	CHORI-321	X	20655354	20744051
CH321-01H06	CHORI-321	3R	22281582	22377727
CH321-01H07	CHORI-321	2L	2651785	2731802
CH321-01H09	CHORI-321	2L	6428351	6525780
CH321-01H10	CHORI-321	2R	1416000	1517934
CH321-01H12	CHORI-321	3L	17054711	17148595
CH321-01H14	CHORI-321	X	16205137	16291590
CH321-01H16	CHORI-321	3L	20707329	20794349
CH321-01H19	CHORI-321	3R	5093912	5180597
CH321-01H20	CHORI-321	3L	20128913	20218935
CH321-01H21	CHORI-321	2R	15167524	15254286
CH321-01H22	CHORI-321	3L	20703745	20801152
CH321-01H23	CHORI-321	2RHet	1256682	1333966
CH321-01H24	CHORI-321	X	12583442	12672650
CH321-01I07	CHORI-321	3L	3972488	4062075

CH321-01I08	CHORI-321	3R	6856729	6952775
CH321-01I11	CHORI-321	3L	16179316	16263803
CH321-01I12	CHORI-321	2R	11729140	11821264
CH321-01I13	CHORI-321	3R	3942640	4025992
CH321-01I16	CHORI-321	3L	4750268	4794043
CH321-01I19	CHORI-321	2L	546346	638320
CH321-01I21	CHORI-321	X	4114546	4195139
CH321-01I23	CHORI-321	2R	12922433	13026188
CH321-01I24	CHORI-321	2L	3673376	3770384
CH321-01J02	CHORI-321	2R	17566752	17657089
CH321-01J04	CHORI-321	2L	2321923	2407328
CH321-01J09	CHORI-321	2R	9455149	9532722
CH321-01J10	CHORI-321	3L	11819495	11928374
CH321-01J16	CHORI-321	X	16856053	16962260
CH321-01J18	CHORI-321	2R	20064030	20166102
CH321-01J20	CHORI-321	2R	4334542	4435776
CH321-01J21	CHORI-321	2L	2446414	2532308
CH321-01J22	CHORI-321	2L	14602944	14687827
CH321-01J24	CHORI-321	3R	1745185	1827374
CH321-01K02	CHORI-321	X	1023177	1109082
CH321-01K05	CHORI-321	X	9386182	9476853
CH321-01K07	CHORI-321	2R	9513484	9556608
CH321-01K09	CHORI-321	2R	10777499	10880861
CH321-01K13	CHORI-321	X	45432 86499	
CH321-01K18	CHORI-321	3R	6359107	6451528
CH321-01K19	CHORI-321	X	15291404	15399515
CH321-01K20	CHORI-321	3L	3104498	3195020
CH321-01K21	CHORI-321	2L	10419317	10496833
CH321-01K22	CHORI-321	2R	11255705	11355063
CH321-01K24	CHORI-321	X	22233131	22307489
CH321-01L01	CHORI-321	2L	11010873	11109612
CH321-01L04	CHORI-321	3R	5051153	5131862
CH321-01L06	CHORI-321	X	15956331	16035116
CH321-01L08	CHORI-321	2R	4109994	4209749
CH321-01L10	CHORI-321	3L	6254439	6342210
CH321-01L11	CHORI-321	3R	25744153	25827338
CH321-01L13	CHORI-321	X	19398529	19489428
CH321-01L14	CHORI-321	X	18408313	18496810
CH321-01L16	CHORI-321	X	16074335	16136630
CH321-01L17	CHORI-321	2L	9932568	10028671
CH321-01L18	CHORI-321	2L	14228833	14310306
CH321-01L19	CHORI-321	3L	5891093	5978651
CH321-01L20	CHORI-321	3R	11758818	11842815
CH321-01L21	CHORI-321	3R	18283347	18383612
CH321-01L22	CHORI-321	3L	19155750	19255970
CH321-01L24	CHORI-321	X	18548373	18642158
CH321-01M02	CHORI-321	3L	5449299	5540437
CH321-01M06	CHORI-321	3L	11017181	11093578
CH321-01M08	CHORI-321	X	15673658	15752657
CH321-01M09	CHORI-321	X	11117922	11207907
CH321-01M10	CHORI-321	2L	7881999	7975720
CH321-01M11	CHORI-321	3L	20858812	20950567
CH321-01M14	CHORI-321	X	7805389	7907637
CH321-01M16	CHORI-321	2L	7087016	7190610

CH321-01M17	CHORI-321	2R	1699669	1796693
CH321-01M18	CHORI-321	2L	3865746	3957443
CH321-01M19	CHORI-321	3R	21633850	21711569
CH321-01M21	CHORI-321	3R	4898310	4999372
CH321-01M22	CHORI-321	2L	14207716	14286715
CH321-01M23	CHORI-321	3L	10964130	11062222
CH321-01M24	CHORI-321	2L	1747248	1825253
CH321-01N05	CHORI-321	2L	17856977	17933879
CH321-01N07	CHORI-321	X	17816775	17893912
CH321-01N08	CHORI-321	2L	5608634	5701043
CH321-01N11	CHORI-321	3L	2499270	2581398
CH321-01N12	CHORI-321	2R	8097897	8185273
CH321-01N14	CHORI-321	X	6763443	6861335
CH321-01N16	CHORI-321	2R	19123448	19216421
CH321-01N18	CHORI-321	3L	6434528	6520120
CH321-01N20	CHORI-321	X	5436812	5516733
CH321-01N23	CHORI-321	3L	22366807	22466320
CH321-01O04	CHORI-321	X	3051641	3134514
CH321-01O07	CHORI-321	3L	14646497	14722633
CH321-01O11	CHORI-321	X	12227126	12319468
CH321-01O12	CHORI-321	3R	27315314	27403754
CH321-01O13	CHORI-321	X	22106351	22210587
CH321-01O14	CHORI-321	2L	22600366	22693962
CH321-01O15	CHORI-321	2L	6261920	6349224
CH321-01O16	CHORI-321	X	19957373	20035205
CH321-01O17	CHORI-321	3R	171817	223978
CH321-01O18	CHORI-321	2R	10855539	10935546
CH321-01O21	CHORI-321	X	6711406	6808411
CH321-01O23	CHORI-321	2L	9164719	9249166
CH321-01P02	CHORI-321	2L	15270650	15340196
CH321-01P06	CHORI-321	3L	4137479	4231714
CH321-01P07	CHORI-321	2R	17176752	17263587
CH321-01P08	CHORI-321	2L	8535182	8623415
CH321-01P11	CHORI-321	2R	1710309	1816277
CH321-01P19	CHORI-321	2R	13696846	13783468
CH321-01P22	CHORI-321	3R	1686151	1765006
CH321-01P24	CHORI-321	4	328588	411477
CH321-02A02	CHORI-321	2L	13682878	13772356
CH321-02A04	CHORI-321	X	17260161	17353946
CH321-02A05	CHORI-321	2L	1359778	1461655
CH321-02A06	CHORI-321	3R	1115590	1185866
CH321-02A07	CHORI-321	X	4686519	4770956
CH321-02A10	CHORI-321	3R	24179818	24257722
CH321-02A11	CHORI-321	3L	13199429	13290298
CH321-02A12	CHORI-321	2L	5331354	5417288
CH321-02A13	CHORI-321	3R	9965372	10061397
CH321-02A14	CHORI-321	2R	15065810	15152304
CH321-02A16	CHORI-321	2R	6624191	6731131
CH321-02A17	CHORI-321	3R	18048021	18130624
CH321-02A18	CHORI-321	3R	17835582	17944828
CH321-02A20	CHORI-321	2L	10679760	10763599
CH321-02A21	CHORI-321	3R	22449282	22543757
CH321-02A23	CHORI-321	3R	12493437	12598871
CH321-02A24	CHORI-321	3R	12225940	12304671

CH321-02B01	CHORI-321	3L	23189260	23297062
CH321-02B02	CHORI-321	X	6884312	6967413
CH321-02B03	CHORI-321	2L	12735983	12815045
CH321-02B04	CHORI-321	2L	13721661	13802711
CH321-02B07	CHORI-321	3R	2468707	2572309
CH321-02B08	CHORI-321	3R	1207107	1305810
CH321-02B11	CHORI-321	X	18975322	19062063
CH321-02B12	CHORI-321	2R	19818437	19913190
CH321-02B13	CHORI-321	X	11358090	11446970
CH321-02B14	CHORI-321	3L	24453132	24525738
CH321-02B15	CHORI-321	X	18575769	18688251
CH321-02B17	CHORI-321	3L	15093134	15206767
CH321-02B18	CHORI-321	2R	5919721	6005740
CH321-02B19	CHORI-321	2L	11752107	11840217
CH321-02B21	CHORI-321	X	3317659	3400221
CH321-02B23	CHORI-321	X	6805048	6876033
CH321-02B24	CHORI-321	X	15514343	15598410
CH321-02C01	CHORI-321	2R	5045703	5094201
CH321-02C02	CHORI-321	3R	17627554	17715370
CH321-02C04	CHORI-321	3L	395191	479125
CH321-02C06	CHORI-321	X	21760042	21846888
CH321-02C08	CHORI-321	3R	7923821	8018554
CH321-02C09	CHORI-321	3L	22467242	22554157
CH321-02C10	CHORI-321	3R	20036075	20143515
CH321-02C11	CHORI-321	2L	3734317	3810059
CH321-02C14	CHORI-321	3R	14512015	14597255
CH321-02C15	CHORI-321	3R	22954047	23038508
CH321-02C16	CHORI-321	2L	6642430	6724687
CH321-02C18	CHORI-321	X	15075967	15160551
CH321-02C19	CHORI-321	3R	18699318	18792136
CH321-02C20	CHORI-321	X	20943077	20990677
CH321-02C21	CHORI-321	3LHet	1846832	1925121
CH321-02C23	CHORI-321	2R	17778875	17867658
CH321-02C24	CHORI-321	3L	18995159	19100740
CH321-02D01	CHORI-321	2L	15161817	15240276
CH321-02D02	CHORI-321	2L	6933794	7017750
CH321-02D03	CHORI-321	2R	14195659	14286473
CH321-02D06	CHORI-321	X	14201486	14275693
CH321-02D09	CHORI-321	2L	5024906	5129290
CH321-02D17	CHORI-321	X	747950	821505
CH321-02D19	CHORI-321	2L	21931251	22010801
CH321-02D20	CHORI-321	X	1587716	1691991
CH321-02D22	CHORI-321	3L	13295972	13386680
CH321-02E01	CHORI-321	2R	10654224	10697065
CH321-02E09	CHORI-321	2L	22531557	22584004
CH321-02E12	CHORI-321	3R	16241327	16333667
CH321-02E13	CHORI-321	3R	24061886	24160347
CH321-02E19	CHORI-321	X	18798511	18885581
CH321-02E24	CHORI-321	3R	11487914	11598808
CH321-02F01	CHORI-321	3L	14547934	14631163
CH321-02F05	CHORI-321	3R	13405825	13501163
CH321-02F18	CHORI-321	3R	5793276	5889559
CH321-02F21	CHORI-321	2R	17410668	17504727
CH321-02F22	CHORI-321	3R	9042312	9125845

CH321-02F23	CHORI-321	X	15406630	15508712
CH321-02F24	CHORI-321	3R	19780293	19858033
CH321-02G02	CHORI-321	X	22193129	22277508
CH321-02G04	CHORI-321	3L	16812061	16900103
CH321-02G05	CHORI-321	3L	17423247	17519422
CH321-02G09	CHORI-321	2R	9602308	9697023
CH321-02G19	CHORI-321	2R	7808444	7896107
CH321-02G22	CHORI-321	3R	7981859	8091745
CH321-02G23	CHORI-321	3R	11175071	11278457
CH321-02G24	CHORI-321	3LHet	737291	819116
CH321-02H02	CHORI-321	3R	2307555	2395921
CH321-02H03	CHORI-321	3R	12447874	12560996
CH321-02H23	CHORI-321	2L	5393134	5491185
CH321-02I02	CHORI-321	X	10519113	10591863
CH321-02I03	CHORI-321	2R	10880582	10925204
CH321-02I07	CHORI-321	3L	10875873	10946600
CH321-02I14	CHORI-321	3L	14583200	14672294
CH321-02I15	CHORI-321	2R	13607560	13700513
CH321-02I17	CHORI-321	2R	13804512	13904598
CH321-02I21	CHORI-321	2L	1111586	1191341
CH321-02I24	CHORI-321	3L	5957740	6048556
CH321-02J02	CHORI-321	3R	16017239	16106935
CH321-02J05	CHORI-321	2L	14318684	14409339
CH321-02J06	CHORI-321	3L	22082221	22167389
CH321-02J22	CHORI-321	3R	18271945	18365863
CH321-02J23	CHORI-321	3L	19117297	19209078
CH321-02J24	CHORI-321	2R	12266474	12359601
CH321-02K01	CHORI-321	3L	15727202	15809507
CH321-02K24	CHORI-321	3R	22022312	22100574
CH321-02L01	CHORI-321	3L	22071745	22158584
CH321-02M03	CHORI-321	3L	887930	986934
CH321-02M04	CHORI-321	3L	16836343	16923661
CH321-02M07	CHORI-321	3L	14479102	14576122
CH321-02M24	CHORI-321	2R	9087539	9179214
CH321-02N07	CHORI-321	2R	11299901	11390939
CH321-02N17	CHORI-321	3R	25412354	25512431
CH321-02N23	CHORI-321	3R	17215699	17321640
CH321-02N24	CHORI-321	3L	14078366	14166872
CH321-02O02	CHORI-321	X	6228246	6307547
CH321-02O05	CHORI-321	2R	1341940	1425188
CH321-02O06	CHORI-321	3L	20489587	20580130
CH321-02O07	CHORI-321	X	2692983	2738201
CH321-02O11	CHORI-321	2L	15111304	15193665
CH321-02O12	CHORI-321	3RHet	20242	88970
CH321-02O15	CHORI-321	2L	19626072	19720666
CH321-02O21	CHORI-321	3R	23494302	23592854
CH321-02P01	CHORI-321	3R	1654390	1734705
CH321-02P02	CHORI-321	3R	6152109	6246371
CH321-02P03	CHORI-321	2RHet	928983	1009824
CH321-02P04	CHORI-321	3L	4478203	4577755
CH321-02P10	CHORI-321	3L	6832171	6927046
CH321-02P12	CHORI-321	3L	13518137	13603166
CH321-02P13	CHORI-321	3R	5420684	5501810
CH321-02P16	CHORI-321	X	18576976	18680010

CH321-02P18	CHORI-321	3L	4915867	5004189
CH321-02P24	CHORI-321	2R	10200175	10241696
CH321-03A05	CHORI-321	3R	9291969	9375743
CH321-03A06	CHORI-321	2R	5316852	5423082
CH321-03A08	CHORI-321	X	4606	51111
CH321-03A09	CHORI-321	X	6887507	6963257
CH321-03A13	CHORI-321	3R	10462890	10552840
CH321-03A14	CHORI-321	3R	14598172	14715067
CH321-03A15	CHORI-321	3R	18626779	18715354
CH321-03A17	CHORI-321	2R	7219505	7318791
CH321-03A19	CHORI-321	2R	14337546	14419669
CH321-03A21	CHORI-321	2R	16295540	16369877
CH321-03A22	CHORI-321	2R	1328461	1421281
CH321-03B05	CHORI-321	2R	18738999	18796176
CH321-03B06	CHORI-321	2L	12326510	12407735
CH321-03B07	CHORI-321	X	9365739	9464871
CH321-03B08	CHORI-321	3R	13579945	13675724
CH321-03B09	CHORI-321	X	10375740	10475376
CH321-03B10	CHORI-321	3R	4227980	4308123
CH321-03B12	CHORI-321	3R	13948298	13999250
CH321-03B13	CHORI-321	2L	8399070	8481974
CH321-03B16	CHORI-321	3R	12391577	12467428
CH321-03B17	CHORI-321	X	1598001	1685616
CH321-03B18	CHORI-321	2L	10261003	10353382
CH321-03B19	CHORI-321	X	15873370	15960964
CH321-03B20	CHORI-321	3L	11845416	11941203
CH321-03B22	CHORI-321	3R	6588986	6685941
CH321-03C01	CHORI-321	X	16873413	16963754
CH321-03C03	CHORI-321	3R	18289929	18372535
CH321-03C04	CHORI-321	XHet	70607	150881
CH321-03C06	CHORI-321	3L	3961607	4053107
CH321-03C09	CHORI-321	2R	1028167	1133857
CH321-03C10	CHORI-321	3L	14572754	14618106
CH321-03C13	CHORI-321	3L	21976545	22066937
CH321-03C14	CHORI-321	X	9391086	9483419
CH321-03C15	CHORI-321	2R	19119931	19204598
CH321-03C17	CHORI-321	3R	4879927	4964866
CH321-03C23	CHORI-321	2L	6431811	6511938
CH321-03C24	CHORI-321	2R	15844136	15923061
CH321-03D01	CHORI-321	X	11177701	11260632
CH321-03D02	CHORI-321	3L	23572999	23660581
CH321-03D04	CHORI-321	3L	9879721	9972011
CH321-03D06	CHORI-321	2R	17725607	17808102
CH321-03D08	CHORI-321	3R	8636243	8718417
CH321-03D10	CHORI-321	3L	9316113	9398273
CH321-03D11	CHORI-321	3R	19136065	19219413
CH321-03D13	CHORI-321	X	22141642	22230802
CH321-03D16	CHORI-321	2L	17862021	17943892
CH321-03D17	CHORI-321	3R	14305630	14416547
CH321-03D18	CHORI-321	2L	13399890	13505526
CH321-03D19	CHORI-321	3L	21109255	21207705
CH321-03D22	CHORI-321	X	7847276	7939868
CH321-03D24	CHORI-321	3R	23529132	23613800
CH321-03E01	CHORI-321	3R	12344554	12430402

CH321-03E02	CHORI-321	2L	6545958	6631870
CH321-03E05	CHORI-321	3L	8304196	8388935
CH321-03E07	CHORI-321	X	17516156	17592490
CH321-03E08	CHORI-321	2R	15476317	15561409
CH321-03E10	CHORI-321	2R	10743183	10830264
CH321-03E12	CHORI-321	3R	24023422	24098567
CH321-03E13	CHORI-321	X	10223736	10300666
CH321-03E15	CHORI-321	3L	13640902	13732166
CH321-03E18	CHORI-321	2L	12522677	12622143
CH321-03E21	CHORI-321	2L	17335212	17409479
CH321-03E23	CHORI-321	2L	1572208	1655700
CH321-03E24	CHORI-321	3R	13320990	13416317
CH321-03F01	CHORI-321	X	3877104	3970135
CH321-03F02	CHORI-321	3L	22024745	22113036
CH321-03F03	CHORI-321	3L	3896884	3975244
CH321-03F04	CHORI-321	2L	16606264	16710205
CH321-03F05	CHORI-321	2L	3536758	3615224
CH321-03F06	CHORI-321	2L	11276332	11362271
CH321-03F07	CHORI-321	2R	2389560	2489109
CH321-03F11	CHORI-321	3L	9502274	9555401
CH321-03F21	CHORI-321	2L	12921710	13002116
CH321-03F23	CHORI-321	3L	11811216	11914297
CH321-03G01	CHORI-321	2R	6209448	6300517
CH321-03G02	CHORI-321	2R	2577375	2668416
CH321-03G04	CHORI-321	2L	2882415	2961418
CH321-03G06	CHORI-321	3R	16266495	16349017
CH321-03G07	CHORI-321	X	10132806	10236280
CH321-03G09	CHORI-321	3L	20914049	21001141
CH321-03G11	CHORI-321	X	21961167	22043453
CH321-03G12	CHORI-321	3R	14379312	14463787
CH321-03G13	CHORI-321	3R	24534216	24640466
CH321-03G19	CHORI-321	2R	8164933	8268560
CH321-03G20	CHORI-321	2L	18215700	18314814
CH321-03H02	CHORI-321	3L	12900485	13001776
CH321-03H03	CHORI-321	X	4348234	4433789
CH321-03H04	CHORI-321	2R	11006313	11092717
CH321-03H06	CHORI-321	2L	1502507	1585419
CH321-03H07	CHORI-321	3R	24930277	25033335
CH321-03H10	CHORI-321	3R	14666616	14746587
CH321-03H11	CHORI-321	3R	14275704	14374077
CH321-03H17	CHORI-321	2R	13113197	13192135
CH321-03H18	CHORI-321	2L	22471328	22558483
CH321-03I02	CHORI-321	2L	14451103	14526551
CH321-03I03	CHORI-321	3R	21361005	21454703
CH321-03I04	CHORI-321	X	4034907	4142206
CH321-03I05	CHORI-321	2L	7053151	7138517
CH321-03I08	CHORI-321	2R	18288160	18387682
CH321-03I10	CHORI-321	3L	21059142	21130811
CH321-03I20	CHORI-321	3L	4473240	4544939
CH321-03I24	CHORI-321	3R	26319433	26432688
CH321-03J01	CHORI-321	3L	3707719	3806680
CH321-03J02	CHORI-321	3R	24999478	25099750
CH321-03J03	CHORI-321	2R	4369303	4463220
CH321-03J04	CHORI-321	X	8490045	8579946

CH321-03J06	CHORI-321	2L	13566065	13665181
CH321-03J07	CHORI-321	X	20457788	20532726
CH321-03J09	CHORI-321	2R	5951739	6040095
CH321-03J10	CHORI-321	3L	7512240	7604139
CH321-03K03	CHORI-321	3L	10243868	10331054
CH321-03K04	CHORI-321	3R	5862107	5960422
CH321-03K07	CHORI-321	3L	14487014	14568766
CH321-03K08	CHORI-321	2R	11638949	11720422
CH321-03K12	CHORI-321	2L	3125377	3213086
CH321-03L01	CHORI-321	3L	19346637	19428626
CH321-03L02	CHORI-321	3RHet	119451	198785
CH321-03L03	CHORI-321	2L	22824120	22907200
CH321-03L04	CHORI-321	2L	19555016	19644281
CH321-03L05	CHORI-321	2L	2233879	2330635
CH321-03L06	CHORI-321	2L	12744710	12844933
CH321-03L09	CHORI-321	2R	6439799	6524936
CH321-03L10	CHORI-321	3R	12919912	13003474
CH321-03L11	CHORI-321	3L	14816717	14910304
CH321-03L15	CHORI-321	3L	2610264	2691617
CH321-03L21	CHORI-321	3L	16558210	16639704
CH321-03M01	CHORI-321	2R	18092914	18164862
CH321-03M02	CHORI-321	2L	4757490	4857417
CH321-03M04	CHORI-321	2L	2289450	2378637
CH321-03M05	CHORI-321	X	16755309	16854531
CH321-03M06	CHORI-321	2R	15805610	15875604
CH321-03M07	CHORI-321	3R	1820133	1919187
CH321-03M12	CHORI-321	X	4070978	4167154
CH321-03M16	CHORI-321	3L	14977437	15062279
CH321-03M22	CHORI-321	2L	16569159	16654612
CH321-03M23	CHORI-321	2L	11621774	11723292
CH321-03M24	CHORI-321	2L	12741686	12825139
CH321-03N01	CHORI-321	X	20409750	20503201
CH321-03N05	CHORI-321	3L	23885105	23967535
CH321-03N06	CHORI-321	2R	12248870	12336262
CH321-03N07	CHORI-321	3R	15877423	15963457
CH321-03N22	CHORI-321	3R	23967316	24059637
CH321-03N23	CHORI-321	2L	2041707	2133880
CH321-03O02	CHORI-321	2R	9147077	9221674
CH321-03O03	CHORI-321	2L	17832463	17943684
CH321-03O05	CHORI-321	2L	19971723	20070441
CH321-03O06	CHORI-321	2R	3210365	3301027
CH321-03O07	CHORI-321	X	22096086	22195445
CH321-03O12	CHORI-321	3R	6536223	6632660
CH321-03O16	CHORI-321	2R	14710145	14801874
CH321-03O19	CHORI-321	3R	22260252	22366907
CH321-03P01	CHORI-321	3L	13589394	13682584
CH321-03P03	CHORI-321	2L	14445942	14543306
CH321-03P04	CHORI-321	X	5382023	5461208
CH321-03P05	CHORI-321	3L	14845351	14937109
CH321-03P09	CHORI-321	3L	18895247	18978765
CH321-03P10	CHORI-321	X	17873348	17964928
CH321-03P11	CHORI-321	3L	5680002	5776947
CH321-03P13	CHORI-321	2R	19180567	19253015
CH321-03P20	CHORI-321	X	19405997	19486395

CH321-04A01	CHORI-321	X	2778344	2881506
CH321-04A03	CHORI-321	X	4278787	4365275
CH321-04A04	CHORI-321	2L	22088810	22170112
CH321-04A09	CHORI-321	2L	4447432	4550546
CH321-04A10	CHORI-321	2L	10890121	10993757
CH321-04A11	CHORI-321	2R	15934104	16000438
CH321-04A15	CHORI-321	3L	10441882	10532576
CH321-04A17	CHORI-321	3L	15819810	15912809
CH321-04A18	CHORI-321	X	493728	599328
CH321-04A19	CHORI-321	X	9772	79009
CH321-04A20	CHORI-321	3R	20897572	20977848
CH321-04A21	CHORI-321	2L	1571366	1678704
CH321-04A22	CHORI-321	2L	4079751	4184588
CH321-04A24	CHORI-321	3L	5963594	6040619
CH321-04B02	CHORI-321	2L	21062546	21146051
CH321-04B03	CHORI-321	X	14526177	14632781
CH321-04B04	CHORI-321	2L	10216551	10321038
CH321-04B05	CHORI-321	2L	15163689	15251256
CH321-04B08	CHORI-321	3L	17648120	17730946
CH321-04B09	CHORI-321	3L	13044061	13127540
CH321-04B10	CHORI-321	3R	22306402	22384266
CH321-04B12	CHORI-321	3R	8860815	8957679
CH321-04B16	CHORI-321	3R	11432590	11518821
CH321-04B19	CHORI-321	2R	9699783	9786917
CH321-04B21	CHORI-321	3R	19635723	19719694
CH321-04B22	CHORI-321	3L	14876687	14964527
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CH321-04C01	CHORI-321	2R	4644227	4732010
CH321-04C02	CHORI-321	3L	5970316	6055102
CH321-04C03	CHORI-321	3R	14912954	14998838
CH321-04C04	CHORI-321	3L	11371565	11458197
CH321-04C05	CHORI-321	X	14570026	14652957
CH321-04C06	CHORI-321	2R	10657165	10755261
CH321-04C09	CHORI-321	3R	16947824	17043279
CH321-04C10	CHORI-321	3R	24624685	24705690
CH321-04C11	CHORI-321	3R	5240590	5324338
CH321-04C13	CHORI-321	2L	6639509	6727174
CH321-04C15	CHORI-321	2L	7536722	7625408
CH321-04C16	CHORI-321	2R	3215348	3301027
CH321-04C17	CHORI-321	3R	17550322	17604606
CH321-04C18	CHORI-321	X	9843886	9921348
CH321-04C19	CHORI-321	3L	12576509	12640237
CH321-04C21	CHORI-321	3L	1661318	1767920
CH321-04C22	CHORI-321	3L	11287359	11371781
CH321-04C23	CHORI-321	3L	2678409	2796312
CH321-04C24	CHORI-321	2L	3133080	3234029
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CH321-04D04	CHORI-321	X	12518168	12620026
CH321-04D06	CHORI-321	4	383036	464059
CH321-04D11	CHORI-321	X	17182234	17271638
CH321-04D12	CHORI-321	3R	782014	883755
CH321-04D13	CHORI-321	2L	15963940	16006072
CH321-04D14	CHORI-321	3L	3231862	3322555
CH321-04D15	CHORI-321	3RHet	2155091	2224240

CH321-04D16	CHORI-321	X	2605144	2710979
CH321-04D19	CHORI-321	X	5703819	5797720
CH321-04D21	CHORI-321	3R	17052492	17136978
CH321-04D22	CHORI-321	3R	14053694	14137109
CH321-04D23	CHORI-321	X	20485469	20563792
CH321-04D24	CHORI-321	2L	13048610	13132202
CH321-04E06	CHORI-321	X	7376426	7463556
CH321-04E08	CHORI-321	3R	1099523	1181751
CH321-04E10	CHORI-321	X	6361874	6439367
CH321-04E12	CHORI-321	X	7476468	7554335
CH321-04E13	CHORI-321	3R	12463126	12545845
CH321-04E16	CHORI-321	3L	6273988	6367015
CH321-04E17	CHORI-321	X	624312	680230
CH321-04E18	CHORI-321	3R	7907199	8000196
CH321-04E19	CHORI-321	3L	9629632	9684505
CH321-04E20	CHORI-321	2L	18291090	18388713
CH321-04E21	CHORI-321	2L	7903893	7975648
CH321-04E22	CHORI-321	3R	9195322	9253072
CH321-04E23	CHORI-321	3R	16482137	16570815
CH321-04F01	CHORI-321	3R	21461509	21571649
CH321-04F02	CHORI-321	2R	8109558	8195420
CH321-04F05	CHORI-321	3R	15084554	15146177
CH321-04F06	CHORI-321	3R	12349758	12435931
CH321-04F08	CHORI-321	3L	11258035	11356073
CH321-04F09	CHORI-321	2R	13954281	14040116
CH321-04F10	CHORI-321	3L	7717936	7793567
CH321-04F12	CHORI-321	X	7749899	7856910
CH321-04F13	CHORI-321	2R	14798584	14876877
CH321-04F15	CHORI-321	3L	8486618	8573172
CH321-04F17	CHORI-321	X	2691595	2757611
CH321-04F18	CHORI-321	2L	6332421	6413212
CH321-04F19	CHORI-321	2L	22836764	22921215
CH321-04F20	CHORI-321	X	19145885	19203215
CH321-04F21	CHORI-321	3L	10946416	11024964
CH321-04F22	CHORI-321	X	17570210	17669558
CH321-04F23	CHORI-321	3R	23685519	23760799
CH321-04F24	CHORI-321	2L	1467533	1555692
CH321-04G02	CHORI-321	2L	37055	125705
CH321-04G03	CHORI-321	3RHet	49886	123404
CH321-04G04	CHORI-321	X	10177298	10266758
CH321-04G06	CHORI-321	2R	2980258	3085580
CH321-04G07	CHORI-321	3L	18501339	18601854
CH321-04G08	CHORI-321	3R	10492887	10577859
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CH321-04G13	CHORI-321	3L	13255176	13337419
CH321-04G14	CHORI-321	X	2382842	2467852
CH321-04G15	CHORI-321	2L	21056837	21159589
CH321-04G16	CHORI-321	2R	13240506	13337281
CH321-04G17	CHORI-321	X	20394407	20459051
CH321-04G20	CHORI-321	X	10905789	10997353
CH321-04G21	CHORI-321	2L	22134239	22222176
CH321-04G23	CHORI-321	2R	5941991	6040923
CH321-04H06	CHORI-321	3L	3361612	3441094
CH321-04H07	CHORI-321	2L	1951794	2016651

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CH321-04H11	CHORI-321	2R	17182027	17282153
CH321-04H12	CHORI-321	3R	17451916	17546775
CH321-04H13	CHORI-321	3L	4366958	4459975
CH321-04H14	CHORI-321	2L	9418806	9496217
CH321-04H16	CHORI-321	2R	7084698	7125308
CH321-04H18	CHORI-321	3R	5299012	5383002
CH321-04H19	CHORI-321	2R	10255999	10348755
CH321-04H20	CHORI-321	X	8396057	8478027
CH321-04H23	CHORI-321	3R	25004009	25105927
CH321-04H24	CHORI-321	3L	17074585	17166619
CH321-04I04	CHORI-321	3R	22567406	22665282
CH321-04I05	CHORI-321	X	12362077	12464286
CH321-04I06	CHORI-321	2R	14018532	14096885
CH321-04I09	CHORI-321	2L	20076991	20159982
CH321-04I11	CHORI-321	3R	4023245	4117202
CH321-04I16	CHORI-321	2L	18356512	18462934
CH321-04I17	CHORI-321	2L	22831330	22922351
CH321-04I18	CHORI-321	2L	13543159	13639689
CH321-04I19	CHORI-321	X	9393892	9493058
CH321-04I21	CHORI-321	2L	17415458	17507185
CH321-04I22	CHORI-321	3R	6904810	6982080
CH321-04J01	CHORI-321	3R	16933234	17037438
CH321-04J04	CHORI-321	3R	18200366	18241173
CH321-04J06	CHORI-321	X	5693808	5786051
CH321-04J08	CHORI-321	3R	26788808	26838556
CH321-04J10	CHORI-321	3L	20633461	20720307
CH321-04J14	CHORI-321	3R	3406051	3457772
CH321-04J15	CHORI-321	3R	3358250	3456243
CH321-04J16	CHORI-321	2L	11899575	11979946
CH321-04J17	CHORI-321	2R	10605239	10690192
CH321-04J19	CHORI-321	3L	11634836	11723392
CH321-04J20	CHORI-321	2L	15781163	15874835
CH321-04J22	CHORI-321	3R	20478551	20570609
CH321-04J23	CHORI-321	3RHet	895471	977322
CH321-04J24	CHORI-321	3L	5569763	5656790
CH321-04K01	CHORI-321	2L	10107155	10173549
CH321-04K05	CHORI-321	3R	18094900	18201498
CH321-04K07	CHORI-321	2R	2566145	2669675
CH321-04K08	CHORI-321	2R	19720021	19810274
CH321-04K09	CHORI-321	3L	13442828	13531133
CH321-04K10	CHORI-321	3L	2653046	2768590
CH321-04K11	CHORI-321	2L	13414145	13501159
CH321-04K12	CHORI-321	X	15690206	15730311
CH321-04K13	CHORI-321	3R	22845707	22952253
CH321-04K14	CHORI-321	X	15793619	15869211
CH321-04K18	CHORI-321	2R	1410435	1509365
CH321-04K19	CHORI-321	X	12865719	12951819
CH321-04K20	CHORI-321	3R	5173586	5264235
CH321-04K21	CHORI-321	3R	14960200	15055671
CH321-04K22	CHORI-321	2L	10318016	10418828
CH321-04K23	CHORI-321	2R	11466775	11548533
CH321-04K24	CHORI-321	2R	10604081	10686893
CH321-04L04	CHORI-321	X	14499388	14578867

CH321-04L05	CHORI-321	2L	5388110	5474765
CH321-04L07	CHORI-321	3L	8666713	8753356
CH321-04L08	CHORI-321	3R	18512748	18598300
CH321-04L09	CHORI-321	3L	7437070	7526562
CH321-04L10	CHORI-321	2R	12532839	12642812
CH321-04L11	CHORI-321	3R	10744727	10818089
CH321-04L12	CHORI-321	2L	6063513	6108865
CH321-04L13	CHORI-321	2R	11331174	11425059
CH321-04L15	CHORI-321	2R	4174572	4284677
CH321-04L16	CHORI-321	2L	15749938	15836704
CH321-04L17	CHORI-321	3L	18291733	18370600
CH321-04L19	CHORI-321	3R	1134723	1232273
CH321-04L21	CHORI-321	X	12657370	12744078
CH321-04L23	CHORI-321	2R	4981531	5081308
CH321-04L24	CHORI-321	3R	25584961	25671251
CH321-04M02	CHORI-321	3R	25575804	25663303
CH321-04M05	CHORI-321	2L	18034160	18124960
CH321-04M06	CHORI-321	3R	2267448	2353347
CH321-04M07	CHORI-321	2L	1576804	1668668
CH321-04M08	CHORI-321	2L	14051538	14128354
CH321-04M09	CHORI-321	3L	1651367	1753131
CH321-04M11	CHORI-321	X	6878656	6967835
CH321-04M12	CHORI-321	3L	15132314	15214957
CH321-04M13	CHORI-321	3R	19538360	19622348
CH321-04M14	CHORI-321	X	17268538	17357994
CH321-04M17	CHORI-321	X	9474689	9559273
CH321-04M19	CHORI-321	ArmU	1251552	1316695
CH321-04M20	CHORI-321	3L	7737551	7828139
CH321-04M21	CHORI-321	2R	17216082	17305687
CH321-04M22	CHORI-321	2R	18715748	18808326
CH321-04M24	CHORI-321	3R	27549447	27640829
CH321-04N03	CHORI-321	2L	911057	999071
CH321-04N05	CHORI-321	3L	253784	357279
CH321-04N06	CHORI-321	4	369718	429271
CH321-04N07	CHORI-321	X	13736526	13816978
CH321-04N08	CHORI-321	3L	2436143	2526468
CH321-04N09	CHORI-321	3L	23220296	23298705
CH321-04N10	CHORI-321	3L	10100985	10178487
CH321-04N11	CHORI-321	3L	18480330	18583041
CH321-04N13	CHORI-321	3L	18124972	18218743
CH321-04N14	CHORI-321	3R	1232270	1337030
CH321-04N15	CHORI-321	3L	21380502	21471448
CH321-04N16	CHORI-321	3L	12018963	12105810
CH321-04N17	CHORI-321	3R	3984836	4077930
CH321-04N19	CHORI-321	3R	26942746	27029479
CH321-04N21	CHORI-321	3R	15521045	15599957
CH321-04N23	CHORI-321	2R	5046086	5139215
CH321-04O05	CHORI-321	3R	1020992	1105522
CH321-04O08	CHORI-321	3L	16607856	16691575
CH321-04O09	CHORI-321	2L	8356293	8440926
CH321-04O10	CHORI-321	2R	8734295	8825655
CH321-04O14	CHORI-321	3R	19028291	19108372
CH321-04O15	CHORI-321	3L	15794231	15836420
CH321-04O17	CHORI-321	3L	14181249	14275690

CH321-04O19	CHORI-321	X	14540014	14623418
CH321-04O20	CHORI-321	3R	10641387	10721737
CH321-04O22	CHORI-321	2L	10712978	10792873
CH321-04O24	CHORI-321	3L	21513488	21580979
CH321-04P07	CHORI-321	3L	18246164	18343524
CH321-04P11	CHORI-321	3L	18339032	18423347
CH321-04P13	CHORI-321	3L	22742760	22839689
CH321-04P19	CHORI-321	3R	21014707	21060108
CH321-04P20	CHORI-321	3L	7019052	7106316
CH321-04P22	CHORI-321	3R	15841750	15933276
CH321-05A02	CHORI-321	2R	19732851	19811909
CH321-05A03	CHORI-321	2R	4159049	4248052
CH321-05A04	CHORI-321	3R	18296291	18392586
CH321-05A06	CHORI-321	2L	10139679	10234302
CH321-05A07	CHORI-321	2R	19333751	19438038
CH321-05A08	CHORI-321	2L	8922619	9013979
CH321-05A09	CHORI-321	3L	21257037	21370066
CH321-05A10	CHORI-321	2R	17715722	17763499
CH321-05A11	CHORI-321	2RHet	234109	316632
CH321-05A12	CHORI-321	3L	19905314	19973613
CH321-05A14	CHORI-321	2R	7272556	7373241
CH321-05A15	CHORI-321	2R	15614041	15678029
CH321-05A16	CHORI-321	2R	19528108	19622278
CH321-05A18	CHORI-321	3L	15390234	15477373
CH321-05A19	CHORI-321	2R	18095288	18186543
CH321-05A22	CHORI-321	2L	19962765	20059179
CH321-05A23	CHORI-321	2L	18378390	18473143
CH321-05B01	CHORI-321	X	18359919	18470754
CH321-05B02	CHORI-321	3R	9740468	9824564
CH321-05B04	CHORI-321	X	12001939	12086582
CH321-05B05	CHORI-321	3L	4816379	4913210
CH321-05B06	CHORI-321	2L	18444817	18549424
CH321-05B07	CHORI-321	2L	12671922	12754087
CH321-05B09	CHORI-321	3L	21554347	21632269
CH321-05B10	CHORI-321	2R	18598875	18694143
CH321-05B11	CHORI-321	2R	946664	1041194
CH321-05B15	CHORI-321	X	14724810	14806328
CH321-05B16	CHORI-321	X	20723260	20808003
CH321-05B20	CHORI-321	X	20125959	20218674
CH321-05B21	CHORI-321	4	927007	1012517
CH321-05B22	CHORI-321	2R	4654692	4756983
CH321-05B23	CHORI-321	2RHet	377120	457335
CH321-05B24	CHORI-321	2L	6840620	6940732
CH321-05C03	CHORI-321	2L	14661787	14761229
CH321-05C04	CHORI-321	2R	8578651	8655450
CH321-05C05	CHORI-321	3L	23803019	23885087
CH321-05C06	CHORI-321	3L	5139615	5233041
CH321-05C09	CHORI-321	3L	3460388	3560117
CH321-05C11	CHORI-321	3R	12479890	12537489
CH321-05C13	CHORI-321	3L	18790954	18887483
CH321-05C14	CHORI-321	2R	18344273	18431093
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CH321-05C16	CHORI-321	3R	27512063	27601900
CH321-05C19	CHORI-321	3R	13730782	13816987

CH321-05C23	CHORI-321	2R	4034129	4122074
CH321-05D02	CHORI-321	3R	7640376	7750639
CH321-05D03	CHORI-321	2L	8713690	8810118
CH321-05D05	CHORI-321	2L	17037931	17105660
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CH321-05D07	CHORI-321	3R	17592896	17697763
CH321-05D08	CHORI-321	X	2880159	2968483
CH321-05D10	CHORI-321	X	7672826	7714065
CH321-05D12	CHORI-321	2R	15341677	15418474
CH321-05D14	CHORI-321	2L	12551533	12645974
CH321-05D15	CHORI-321	2R	6213598	6316899
CH321-05D16	CHORI-321	X	19255377	19354130
CH321-05D18	CHORI-321	2L	10400353	10493335
CH321-05D19	CHORI-321	3R	2521167	2614389
CH321-05D20	CHORI-321	X	4145123	4232221
CH321-05D21	CHORI-321	X	5680037	5765082
CH321-05D23	CHORI-321	3R	10398451	10482969
CH321-05E01	CHORI-321	3L	10334708	10415911
CH321-05E02	CHORI-321	2L	19794689	19890777
CH321-05E05	CHORI-321	3R	2180060	2266717
CH321-05E06	CHORI-321	2R	1897926	1999487
CH321-05E09	CHORI-321	2R	14984723	15096847
CH321-05E11	CHORI-321	2L	6553569	6645889
CH321-05E12	CHORI-321	X	4598485	4698982
CH321-05E14	CHORI-321	2L	22808161	22886262
CH321-05E15	CHORI-321	X	2800215	2854900
CH321-05E17	CHORI-321	2L	6200437	6284097
CH321-05E18	CHORI-321	2L	15771518	15861540
CH321-05E19	CHORI-321	3L	15247677	15316532
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CH321-05E24	CHORI-321	2L	11648765	11742807
CH321-05F05	CHORI-321	3L	2693343	2789153
CH321-05F06	CHORI-321	3L	22639545	22746055
CH321-05F07	CHORI-321	2R	10150585	10221689
CH321-05F09	CHORI-321	3L	23315806	23398705
CH321-05F10	CHORI-321	3L	2251812	2327826
CH321-05F12	CHORI-321	3R	2175385	2264717
CH321-05F13	CHORI-321	2R	2468203	2547724
CH321-05F14	CHORI-321	3L	7595962	7680064
CH321-05F16	CHORI-321	X	10387358	10498388
CH321-05F17	CHORI-321	2R	3730185	3821284
CH321-05F18	CHORI-321	2L	101513	201175
CH321-05F19	CHORI-321	2L	5916135	6016232
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CH321-05F22	CHORI-321	3L	23251139	23328262
CH321-05F24	CHORI-321	3L	21786279	21871928
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CH321-05G06	CHORI-321	X	6532660	6624509
CH321-05G07	CHORI-321	3L	8857201	8951152
CH321-05G09	CHORI-321	2R	1531731	1608502
CH321-05G10	CHORI-321	2R	16846078	16950689
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CH321-05G17	CHORI-321	2L	3148705	3234611
CH321-05G18	CHORI-321	2R	20209546	20293587
CH321-05G19	CHORI-321	2R	13932425	14017385
CH321-05G21	CHORI-321	2L	17522989	17622092
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CH321-05H02	CHORI-321	3R	24737784	24819194
CH321-05H03	CHORI-321	3R	2196811	2286618
CH321-05H04	CHORI-321	3L	21029067	21132922
CH321-05H05	CHORI-321	3L	14172930	14249830
CH321-05H06	CHORI-321	2L	14318887	14406898
CH321-05H09	CHORI-321	2L	6216778	6299833
CH321-05H10	CHORI-321	X	6886946	6983978
CH321-05H14	CHORI-321	3R	11936192	12042842
CH321-05H15	CHORI-321	X	8500473	8579946
CH321-05H17	CHORI-321	3R	7759183	7845024
CH321-05H18	CHORI-321	3L	1986182	2063642
CH321-05H19	CHORI-321	3R	9962731	10047981
CH321-05H20	CHORI-321	3L	16218233	16311520
CH321-05H21	CHORI-321	X	12877157	12979987
CH321-05H22	CHORI-321	2R	14948160	15042800
CH321-05H24	CHORI-321	2R	19250306	19302115
CH321-05I03	CHORI-321	2R	19008317	19098256
CH321-05I04	CHORI-321	X	3037949	3137899
CH321-05I05	CHORI-321	X	1291238	1381734
CH321-05I06	CHORI-321	3R	9112191	9191281
CH321-05I07	CHORI-321	3L	12202468	12320012
CH321-05I08	CHORI-321	X	20650685	20733809
CH321-05I11	CHORI-321	2R	16026074	16110720
CH321-05I12	CHORI-321	3R	16255285	16338258
CH321-05I16	CHORI-321	X	844910	919501
CH321-05I18	CHORI-321	3R	6371595	6461682
CH321-05I19	CHORI-321	2R	16338790	16422481
CH321-05I20	CHORI-321	2L	9026571	9113504
CH321-05I21	CHORI-321	3R	3053466	3153660
CH321-05I22	CHORI-321	3L	17469579	17576367
CH321-05I23	CHORI-321	3L	22940073	23038367
CH321-05I24	CHORI-321	3L	21561457	21653065
CH321-05J04	CHORI-321	2L	17784485	17879417
CH321-05J05	CHORI-321	X	6972170	7058136
CH321-05J07	CHORI-321	X	20242727	20313025
CH321-05J08	CHORI-321	2L	10581163	10661412
CH321-05J09	CHORI-321	3R	24206723	24304400
CH321-05J10	CHORI-321	3R	4296146	4379468
CH321-05J14	CHORI-321	2L	5471464	5518798
CH321-05J17	CHORI-321	2L	8160766	8247681
CH321-05J19	CHORI-321	3L	3962534	4050128
CH321-05J20	CHORI-321	3R	854030	954646
CH321-05J22	CHORI-321	2L	17044184	17125582
CH321-05J23	CHORI-321	3L	15370151	15443227
CH321-05J24	CHORI-321	2R	16254034	16340408
CH321-05K04	CHORI-321	3R	19841218	19940045
CH321-05K05	CHORI-321	X	5020757	5066028
CH321-05K06	CHORI-321	2L	20864230	20958875

CH321-05K07	CHORI-321	3R	13464297	13554551
CH321-05K08	CHORI-321	2R	7269390	7367292
CH321-05K09	CHORI-321	3L	17935371	18038561
CH321-05K10	CHORI-321	2L	13725774	13830617
CH321-05K11	CHORI-321	3L	23543086	23629920
CH321-05K12	CHORI-321	2L	7457523	7550175
CH321-05K13	CHORI-321	3L	16004908	16097012
CH321-05K15	CHORI-321	3R	27085715	27143350
CH321-05K16	CHORI-321	3L	9670017	9754391
CH321-05K17	CHORI-321	3L	20272330	20369016
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CH321-05K20	CHORI-321	3RHet	2041401	2124638
CH321-05L03	CHORI-321	2R	18098666	18199403
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CH321-05L05	CHORI-321	3R	16165481	16270554
CH321-05L06	CHORI-321	2L	12166994	12243428
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CH321-05L10	CHORI-321	2L	11807307	11897992
CH321-05L11	CHORI-321	2R	17806997	17894882
CH321-05L12	CHORI-321	2R	19302155	19391020
CH321-05L14	CHORI-321	3L	4677038	4757382
CH321-05L16	CHORI-321	3R	24904490	24993786
CH321-05L18	CHORI-321	3R	25786143	25876002
CH321-05L19	CHORI-321	X	20692920	20776945
CH321-05L20	CHORI-321	3R	14729395	14834587
CH321-05L21	CHORI-321	2R	9187451	9265127
CH321-05L22	CHORI-321	3L	18172963	18246945
CH321-05L23	CHORI-321	X	11345983	11418510
CH321-05L24	CHORI-321	2R	14305702	14391620
CH321-05M02	CHORI-321	X	17024058	17099935
CH321-05M05	CHORI-321	2L	19251316	19324599
CH321-05M06	CHORI-321	X	15138098	15218740
CH321-05M07	CHORI-321	3L	22742092	22833481
CH321-05M08	CHORI-321	3L	1055032	1149983
CH321-05M10	CHORI-321	3L	6898221	6954384
CH321-05M11	CHORI-321	3L	574329	666542
CH321-05M12	CHORI-321	2R	7787729	7880677
CH321-05M13	CHORI-321	3R	26593401	26672828
CH321-05M14	CHORI-321	2R	9309041	9396721
CH321-05M15	CHORI-321	2R	9470265	9554707
CH321-05M17	CHORI-321	2L	1436399	1523730
CH321-05M18	CHORI-321	3L	10089844	10183945
CH321-05M19	CHORI-321	3L	12197365	12248889
CH321-05M20	CHORI-321	2L	13709686	13792056
CH321-05M22	CHORI-321	X	10851762	10935564
CH321-05M23	CHORI-321	2L	14704285	14800325
CH321-05M24	CHORI-321	2R	11638949	11707095
CH321-05N06	CHORI-321	2R	15525412	15605144
CH321-05N07	CHORI-321	2L	3985954	4068453
CH321-05N09	CHORI-321	2L	6644134	6741641
CH321-05N10	CHORI-321	3L	13204985	13290624
CH321-05N11	CHORI-321	3L	11822568	11928098
CH321-05N12	CHORI-321	2R	969751	1063452
CH321-05N14	CHORI-321	2R	9840157	9938593

CH321-05N15	CHORI-321	3L	21031919	21123587
CH321-05N16	CHORI-321	2L	502026	576928
CH321-05N18	CHORI-321	X	15053282	15106940
CH321-05N19	CHORI-321	2R	10418559	10519216
CH321-05N20	CHORI-321	2L	3481147	3578807
CH321-05N21	CHORI-321	XHet	2721	81472
CH321-05N22	CHORI-321	3R	26248100	26338795
CH321-05N23	CHORI-321	2L	11859392	11950926
CH321-05O05	CHORI-321	3R	14373071	14432089
CH321-05O07	CHORI-321	2R	1104698	1168760
CH321-05O09	CHORI-321	2R	7236773	7334782
CH321-05O10	CHORI-321	2L	18620180	18712393
CH321-05O11	CHORI-321	3R	22503505	22609934
CH321-05O12	CHORI-321	2L	1436190	1532001
CH321-05O13	CHORI-321	2R	8552204	8638090
CH321-05O14	CHORI-321	2R	14749720	14851925
CH321-05O15	CHORI-321	3R	9895567	9983921
CH321-05O16	CHORI-321	X	11414580	11511438
CH321-05O19	CHORI-321	2R	13065582	13159772
CH321-05O23	CHORI-321	2L	13980183	14068908
CH321-05O24	CHORI-321	2R	16099628	16205066
CH321-05P06	CHORI-321	3R	18637931	18694741
CH321-05P07	CHORI-321	2R	2413244	2509246
CH321-05P08	CHORI-321	3L	14603103	14690037
CH321-05P11	CHORI-321	2L	1865463	1944364
CH321-05P12	CHORI-321	3R	8658011	8751868
CH321-05P13	CHORI-321	3L	21202168	21287682
CH321-05P16	CHORI-321	3R	178552	271829
CH321-05P20	CHORI-321	2L	9303749	9401065
CH321-05P21	CHORI-321	3R	2741677	2824654
CH321-05P24	CHORI-321	3R	7054244	7139617
CH321-06A02	CHORI-321	2R	17141353	17244301
CH321-06A05	CHORI-321	X	19598757	19699228
CH321-06A13	CHORI-321	X	17381997	17467093
CH321-06A14	CHORI-321	2L	19164576	19207199
CH321-06A15	CHORI-321	3L	1594149	1684435
CH321-06A16	CHORI-321	2L	3973269	4068581
CH321-06A21	CHORI-321	3R	22366904	22449285
CH321-06A22	CHORI-321	3R	17747841	17837331
CH321-06A23	CHORI-321	3LHet	1072949	1159639
CH321-06B01	CHORI-321	3R	20604708	20701360
CH321-06B03	CHORI-321	2R	5940287	6031954
CH321-06B06	CHORI-321	X	11403112	11475153
CH321-06B09	CHORI-321	3R	24855779	24931849
CH321-06B10	CHORI-321	2R	18953676	19048532
CH321-06B12	CHORI-321	3R	9236293	9343059
CH321-06B16	CHORI-321	3R	2619487	2713915
CH321-06B20	CHORI-321	3R	6254055	6347450
CH321-06B22	CHORI-321	3R	326171	405584
CH321-06C01	CHORI-321	3R	10049384	10133132
CH321-06C04	CHORI-321	2L	12751570	12839564
CH321-06C05	CHORI-321	2R	18189291	18282190
CH321-06C09	CHORI-321	2R	7138293	7224821
CH321-06C14	CHORI-321	3R	6870834	6963940

CH321-06C15	CHORI-321	3L	9397852	9487512
CH321-06C16	CHORI-321	2R	10032354	10126094
CH321-06C17	CHORI-321	3L	3666157	3764905
CH321-06C19	CHORI-321	3R	17869721	17958414
CH321-06C21	CHORI-321	3L	3834438	3897917
CH321-06C23	CHORI-321	3RHet	1454849	1546350
CH321-06C24	CHORI-321	3L	8895772	8981738
CH321-06D01	CHORI-321	3L	8244152	8342784
CH321-06D02	CHORI-321	3R	13264273	13361121
CH321-06D05	CHORI-321	3R	10142486	10239008
CH321-06D09	CHORI-321	X	20397902	20482226
CH321-06D10	CHORI-321	X	2701413	2803565
CH321-06D13	CHORI-321	X	19645440	19743984
CH321-06D24	CHORI-321	2L	11611701	11699590
CH321-06E04	CHORI-321	3R	7802703	7899975
CH321-06E11	CHORI-321	2R	2667918	2751801
CH321-06E15	CHORI-321	3L	6715043	6798283
CH321-06E16	CHORI-321	3L	2376680	2452295
CH321-06E18	CHORI-321	2L	7062833	7156222
CH321-06E24	CHORI-321	3R	11743282	11824358
CH321-06F02	CHORI-321	2L	8405410	8472187
CH321-06F04	CHORI-321	3R	12483180	12576217
CH321-06F09	CHORI-321	X	5911301	5996288
CH321-06F18	CHORI-321	3L	10876558	10958755
CH321-06F20	CHORI-321	2L	7082724	7183810
CH321-06G10	CHORI-321	3L	365210	454324
CH321-06G11	CHORI-321	2L	17133630	17220352
CH321-06G19	CHORI-321	2R	20688427	20775743
CH321-06H04	CHORI-321	2R	6221600	6315815
CH321-06H05	CHORI-321	2R	16347513	16397021
CH321-06H19	CHORI-321	X	12974220	13046421
CH321-06I06	CHORI-321	3L	9716935	9800931
CH321-06I11	CHORI-321	X	8045892	8131079
CH321-06I12	CHORI-321	3R	26412269	26499989
CH321-06I13	CHORI-321	3R	10553154	10641134
CH321-06I15	CHORI-321	3R	5877022	5977375
CH321-06I24	CHORI-321	2L	13174347	13255026
CH321-06J06	CHORI-321	3R	24141438	24243802
CH321-06J09	CHORI-321	3L	11807934	11904627
CH321-06J13	CHORI-321	3R	25859037	25962494
CH321-06J20	CHORI-321	2R	20676270	20774373
CH321-06K01	CHORI-321	3L	5132058	5228167
CH321-06K05	CHORI-321	3L	10482143	10560880
CH321-06L14	CHORI-321	3L	21699392	21788767
CH321-06L19	CHORI-321	3L	14862529	14943761
CH321-06M08	CHORI-321	2R	13006564	13049011
CH321-06N01	CHORI-321	X	19216271	19301528
CH321-06N02	CHORI-321	3L	4025349	4126911
CH321-06N03	CHORI-321	3R	25809876	25906272
CH321-06O03	CHORI-321	3R	17870108	17964320
CH321-06O06	CHORI-321	3L	14979838	15065892
CH321-06O07	CHORI-321	3L	5300381	5369725
CH321-06O12	CHORI-321	2R	5628626	5728854
CH321-06O18	CHORI-321	2R	15717447	15796131

CH321-06P07	CHORI-321	3L	5782709	5870815
CH321-06P10	CHORI-321	3R	3268681	3353758
CH321-06P18	CHORI-321	3R	21461509	21571649
CH321-06P22	CHORI-321	3L	1965698	2056111
CH321-08A02	CHORI-321	3R	7254724	7346240
CH321-08A03	CHORI-321	X	3060432	3143510
CH321-08A04	CHORI-321	2L	13379234	13470873
CH321-08A05	CHORI-321	3L	21345042	21431404
CH321-08A06	CHORI-321	2L	18186701	18275924
CH321-08A07	CHORI-321	3L	10287767	10367243
CH321-08A08	CHORI-321	X	17670856	17728468
CH321-08A10	CHORI-321	3L	13847496	13938516
CH321-08A11	CHORI-321	2L	18491238	18598141
CH321-08A12	CHORI-321	X	914195	1028609
CH321-08A14	CHORI-321	3R	24877731	24976067
CH321-08A15	CHORI-321	X	21500405	21557493
CH321-08A17	CHORI-321	2L	11275236	11362271
CH321-08A18	CHORI-321	3R	10928626	11020465
CH321-08A21	CHORI-321	3L	12377940	12451284
CH321-08A22	CHORI-321	3R	13241790	13329807
CH321-08A24	CHORI-321	3R	2376026	2479218
CH321-08B03	CHORI-321	3R	22316370	22410464
CH321-08B04	CHORI-321	X	11038681	11141373
CH321-08B06	CHORI-321	3R	23126690	23221421
CH321-08B08	CHORI-321	3R	10343010	10439988
CH321-08B10	CHORI-321	3R	22102596	22188307
CH321-08B11	CHORI-321	3L	19137788	19233040
CH321-08B12	CHORI-321	3LHet	585722	683661
CH321-08B13	CHORI-321	3R	20167946	20254540
CH321-08B14	CHORI-321	3L	18957017	19047388
CH321-08B15	CHORI-321	2L	9848402	9934083
CH321-08B17	CHORI-321	2R	17400260	17513225
CH321-08B18	CHORI-321	X	1177422	1271517
CH321-08B23	CHORI-321	X	13654446	13739234
CH321-08B24	CHORI-321	3LHet	635616	713736
CH321-08C03	CHORI-321	2R	5595935	5695045
CH321-08C05	CHORI-321	3R	22590042	22668785
CH321-08C09	CHORI-321	X	14208357	14303575
CH321-08C10	CHORI-321	3R	5930095	6008301
CH321-08C12	CHORI-321	3L	8392721	8472619
CH321-08C14	CHORI-321	X	16613123	16695133
CH321-08C16	CHORI-321	2R	19822527	19905701
CH321-08D01	CHORI-321	2L	18591707	18672027
CH321-08D02	CHORI-321	3R	17765396	17870111
CH321-08D03	CHORI-321	2L	3075039	3160392
CH321-08D04	CHORI-321	3L	14559795	14639810
CH321-08D06	CHORI-321	2R	20417419	20497916
CH321-08D15	CHORI-321	3R	21519675	21628889
CH321-08D19	CHORI-321	X	9308247	9394022
CH321-08E03	CHORI-321	2R	17265662	17366488
CH321-08E07	CHORI-321	2R	12768900	12853873
CH321-08E12	CHORI-321	3L	15574299	15677842
CH321-08F02	CHORI-321	2L	2765551	2847794
CH321-08F04	CHORI-321	3L	23105250	23186853

CH321-08F05	CHORI-321	2R	196078	278428
CH321-08F06	CHORI-321	X	20398128	20475366
CH321-08F07	CHORI-321	2R	9338353	9434164
CH321-08F10	CHORI-321	3R	19536119	19621633
CH321-08F13	CHORI-321	3R	21852818	21951184
CH321-08F15	CHORI-321	3L	19437723	19533753
CH321-08F19	CHORI-321	2L	14779002	14853306
CH321-08G01	CHORI-321	2R	5060385	5144932
CH321-08G02	CHORI-321	3L	16136378	16223854
CH321-08G08	CHORI-321	2L	1826202	1919299
CH321-08H01	CHORI-321	3R	9616269	9668860
CH321-08H02	CHORI-321	3R	19609914	19692592
CH321-08H04	CHORI-321	3R	5712367	5821547
CH321-08H05	CHORI-321	3L	13184904	13300554
CH321-08H06	CHORI-321	X	4117462	4194559
CH321-08H17	CHORI-321	2L	19414878	19515104
CH321-08H19	CHORI-321	3L	18254939	18352386
CH321-08I01	CHORI-321	2L	4499118	4584302
CH321-08I05	CHORI-321	2L	8224122	8312541
CH321-08J01	CHORI-321	3L	10494638	10580668
CH321-08J02	CHORI-321	3L	7845234	7926290
CH321-08J06	CHORI-321	3L	20953201	21059145
CH321-08J07	CHORI-321	3R	26316365	26401165
CH321-08J11	CHORI-321	X	1160137	1231826
CH321-08J19	CHORI-321	3L	5355317	5436034
CH321-08K01	CHORI-321	2L	5600743	5699292
CH321-08K12	CHORI-321	3L	2151770	2243900
CH321-08K24	CHORI-321	2L	7611154	7706031
CH321-08L01	CHORI-321	3R	1619201	1722361
CH321-08L02	CHORI-321	3R	22361111	22453825
CH321-08L04	CHORI-321	3R	7810071	7894615
CH321-08L08	CHORI-321	3R	19035452	19123377
CH321-08L11	CHORI-321	2R	4458827	4511067
CH321-08L13	CHORI-321	3R	8218714	8261625
CH321-08N01	CHORI-321	2R	16043721	16122669
CH321-08N14	CHORI-321	3L	3438426	3523162
CH321-08N23	CHORI-321	2L	19568620	19657616
CH321-08O01	CHORI-321	2L	16597589	16686242
CH321-08O02	CHORI-321	X	60241	150380
CH321-08O21	CHORI-321	3L	18299672	18386706
CH321-08P01	CHORI-321	3R	1106666	1192179
CH321-08P02	CHORI-321	2L	3690216	3783055
CH321-08P04	CHORI-321	3L	8091593	8185974
CH321-08P08	CHORI-321	3LHet	470633	556024
CH321-08P09	CHORI-321	X	18650979	18739417
CH321-08P12	CHORI-321	2L	12248357	12336559
CH321-08P17	CHORI-321	2R	7254494	7342164
CH321-08P18	CHORI-321	3L	8197118	8276585
CH321-09A03	CHORI-321	2L	11452295	11544986
CH321-09A04	CHORI-321	X	17916539	18011065
CH321-09A05	CHORI-321	2R	17274487	17354186
CH321-09A06	CHORI-321	2R	5700890	5785211
CH321-09A07	CHORI-321	3R	16312699	16400879
CH321-09A08	CHORI-321	3L	23010526	23085847

CH321-09A09	CHORI-321	2L	19685261	19746704
CH321-09A10	CHORI-321	2L	3811612	3903333
CH321-09A11	CHORI-321	2R	15043409	15130655
CH321-09A12	CHORI-321	3R	21333209	21382499
CH321-09A14	CHORI-321	3R	18331153	18430922
CH321-09A16	CHORI-321	3R	17632983	17729641
CH321-09A18	CHORI-321	2L	18549373	18615252
CH321-09A20	CHORI-321	3R	21484202	21580526
CH321-09A22	CHORI-321	2R	2033172	2113032
CH321-09B02	CHORI-321	2R	10354387	10433028
CH321-09B03	CHORI-321	2R	7703079	7797610
CH321-09B04	CHORI-321	3L	15073850	15170672
CH321-09B06	CHORI-321	2LHet	131040	214436
CH321-09B07	CHORI-321	3L	22630001	22726803
CH321-09B10	CHORI-321	3L	17111800	17200061
CH321-09B12	CHORI-321	3R	23386021	23468224
CH321-09B13	CHORI-321	2L	20007090	20094750
CH321-09B15	CHORI-321	2R	9172693	9277391
CH321-09B16	CHORI-321	X	1301920	1359396
CH321-09B17	CHORI-321	3L	10575247	10683166
CH321-09B18	CHORI-321	2R	2443572	2532514
CH321-09B20	CHORI-321	2L	6803467	6880195
CH321-09B22	CHORI-321	3L	20180532	20297641
CH321-09B24	CHORI-321	X	16895806	16990887
CH321-09C02	CHORI-321	2L	7143824	7216586
CH321-09C03	CHORI-321	4	570809	659504
CH321-09C04	CHORI-321	3L	20797842	20886040
CH321-09C05	CHORI-321	X	17419318	17511357
CH321-09C10	CHORI-321	2R	12000414	12055863
CH321-09C11	CHORI-321	3L	16866330	16942748
CH321-09C14	CHORI-321	2L	17961739	18025802
CH321-09C16	CHORI-321	3RHet	678093	758955
CH321-09C17	CHORI-321	3R	17847166	17955074
CH321-09C18	CHORI-321	3L	4219809	4327112
CH321-09C19	CHORI-321	3R	13231656	13316283
CH321-09C20	CHORI-321	3R	3781966	3869907
CH321-09C21	CHORI-321	3L	21028031	21110615
CH321-09C22	CHORI-321	X	1431137	1522063
CH321-09C23	CHORI-321	3L	15002278	15087927
CH321-09C24	CHORI-321	X	15897793	15978721
CH321-09D02	CHORI-321	3R	21667919	21752371
CH321-09D03	CHORI-321	2R	9172709	9277391
CH321-09D05	CHORI-321	3R	21736944	21812681
CH321-09D08	CHORI-321	2R	9928654	10018196
CH321-09D09	CHORI-321	3R	26315261	26397678
CH321-09D10	CHORI-321	2RHet	1333969	1412816
CH321-09D12	CHORI-321	3R	25986922	26068988
CH321-09D13	CHORI-321	2R	6222855	6314759
CH321-09D15	CHORI-321	X	8452403	8542530
CH321-09D17	CHORI-321	3L	18306788	18386349
CH321-09D18	CHORI-321	3R	9955139	10043846
CH321-09D20	CHORI-321	2R	3030153	3125871
CH321-09D21	CHORI-321	3R	23577662	23653196
CH321-09D22	CHORI-321	X	12169188	12262390

CH321-09D23	CHORI-321	3R	27119109	27226430
CH321-09D24	CHORI-321	2R	7375066	7417627
CH321-09E02	CHORI-321	2R	1543052	1639106
CH321-09E03	CHORI-321	X	20833756	20949214
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CH321-09E05	CHORI-321	2L	4205901	4299732
CH321-09E06	CHORI-321	2L	12738012	12827530
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CH321-09E09	CHORI-321	X	15169484	15224745
CH321-09E10	CHORI-321	2L	7922742	8028344
CH321-09E13	CHORI-321	2R	12344966	12444202
CH321-09E14	CHORI-321	2L	11853297	11933999
CH321-09E15	CHORI-321	3R	12503597	12576849
CH321-09E16	CHORI-321	X	7960757	8048313
CH321-09E17	CHORI-321	3L	2282066	2371159
CH321-09E18	CHORI-321	3L	11856642	11959347
CH321-09E19	CHORI-321	3RHet	1983294	2037290
CH321-09E20	CHORI-321	2R	14564133	14643376
CH321-09E22	CHORI-321	3R	13498818	13586470
CH321-09F02	CHORI-321	2R	14938675	15026831
CH321-09F04	CHORI-321	3R	6440859	6529774
CH321-09F05	CHORI-321	3L	21917033	22009236
CH321-09F07	CHORI-321	2R	2735216	2831522
CH321-09F09	CHORI-321	2L	1272496	1317327
CH321-09F14	CHORI-321	3L	19121649	19225704
CH321-09F15	CHORI-321	3L	8523887	8629582
CH321-09F16	CHORI-321	3R	13607185	13701912
CH321-09F17	CHORI-321	3R	18344739	18404483
CH321-09F20	CHORI-321	3L	6666506	6757731
CH321-09F21	CHORI-321	3LHet	1130580	1209908
CH321-09F23	CHORI-321	2RHet	468857	554270
CH321-09F24	CHORI-321	3R	2275229	2337359
CH321-09G04	CHORI-321	2R	10828508	10916728
CH321-09G05	CHORI-321	2R	14740047	14840207
CH321-09G06	CHORI-321	2L	18019710	18128748
CH321-09G10	CHORI-321	2L	10536208	10581285
CH321-09G11	CHORI-321	X	6369452	6445094
CH321-09G12	CHORI-321	3L	2308531	2400489
CH321-09G14	CHORI-321	3R	16767659	16865392
CH321-09G15	CHORI-321	2L	2654818	2718411
CH321-09G18	CHORI-321	2L	11534341	11622805
CH321-09G19	CHORI-321	2R	6777976	6865596
CH321-09G22	CHORI-321	3L	1449059	1530755
CH321-09G24	CHORI-321	2R	13765114	13843314
CH321-09H01	CHORI-321	3L	13553724	13642176
CH321-09H04	CHORI-321	3LHet	753125	829224
CH321-09H05	CHORI-321	3R	2067111	2146068
CH321-09H07	CHORI-321	2RHet	456394	554609
CH321-09H08	CHORI-321	2L	445434	557927
CH321-09H09	CHORI-321	2R	17286794	17373537
CH321-09H12	CHORI-321	3R	12462720	12539724
CH321-09H13	CHORI-321	3L	11217703	11305005
CH321-09H14	CHORI-321	3L	20192693	20304555
CH321-09H15	CHORI-321	3L	10294179	10380319

CH321-09H16	CHORI-321	3L	8564299	8625724
CH321-09H17	CHORI-321	2L	4563036	4644473
CH321-09H18	CHORI-321	3R	15732481	15827243
CH321-09H19	CHORI-321	3R	2563043	2655829
CH321-09H20	CHORI-321	3R	17852916	17956152
CH321-09H21	CHORI-321	3L	12023744	12126776
CH321-09H22	CHORI-321	X	11053051	11144643
CH321-09H23	CHORI-321	3R	16626088	16712220
CH321-09I04	CHORI-321	2R	4046649	4133018
CH321-09I07	CHORI-321	3R	2980078	3067725
CH321-09I08	CHORI-321	3R	19002939	19048782
CH321-09I09	CHORI-321	2L	8948756	9035791
CH321-09I10	CHORI-321	3L	3268771	3362589
CH321-09I12	CHORI-321	2R	20753002	20850291
CH321-09I13	CHORI-321	3R	4905478	5005087
CH321-09I14	CHORI-321	X	16203425	16303055
CH321-09I16	CHORI-321	2L	10910130	10997224
CH321-09I17	CHORI-321	3L	14437620	14528984
CH321-09I18	CHORI-321	3L	5511940	5595339
CH321-09I19	CHORI-321	2L	21637328	21722271
CH321-09I20	CHORI-321	2L	14464753	14568326
CH321-09I21	CHORI-321	3L	16825164	16916406
CH321-09I22	CHORI-321	3R	1501973	1575319
CH321-09I23	CHORI-321	3L	16921321	17025017
CH321-09J01	CHORI-321	2R	13389932	13478405
CH321-09J02	CHORI-321	2L	9542206	9642121
CH321-09J03	CHORI-321	3L	16812264	16927253
CH321-09J04	CHORI-321	2L	3058911	3156581
CH321-09J05	CHORI-321	2L	8360977	8412919
CH321-09J06	CHORI-321	2R	16502228	16602934
CH321-09J08	CHORI-321	X	8855468	8934087
CH321-09J10	CHORI-321	X	20303191	20391246
CH321-09J12	CHORI-321	3L	6472209	6561440
CH321-09J13	CHORI-321	2L	7898836	7985983
CH321-09J14	CHORI-321	3R	8936780	9028239
CH321-09J15	CHORI-321	3R	8975745	9063069
CH321-09J16	CHORI-321	2L	11324530	11406450
CH321-09J19	CHORI-321	3R	19420302	19512944
CH321-09J20	CHORI-321	2R	20994297	21078432
CH321-09J23	CHORI-321	4	757568	819805
CH321-09K02	CHORI-321	3L	14842186	14912345
CH321-09K03	CHORI-321	3L	18251561	18339035
CH321-09K05	CHORI-321	X	4514694	4601048
CH321-09K06	CHORI-321	2L	8066521	8133854
CH321-09K07	CHORI-321	2L	13897159	13982182
CH321-09K08	CHORI-321	2RHet	3142507	3189077
CH321-09K09	CHORI-321	X	17820709	17908038
CH321-09K10	CHORI-321	3L	13096862	13200061
CH321-09K13	CHORI-321	2L	13340917	13427388
CH321-09K15	CHORI-321	3R	4862599	4948202
CH321-09K16	CHORI-321	2L	11656330	11734708
CH321-09K17	CHORI-321	4	1243107	1319719
CH321-09K21	CHORI-321	2R	12062421	12161101
CH321-09K22	CHORI-321	3R	17740333	17811657

CH321-09K23	CHORI-321	3L	4551881	4646152
CH321-09L02	CHORI-321	3R	19455957	19538360
CH321-09L04	CHORI-321	2R	14769760	14851984
CH321-09L05	CHORI-321	X	20867594	20951725
CH321-09L06	CHORI-321	2L	11840811	11939097
CH321-09L07	CHORI-321	2L	6469526	6552389
CH321-09L08	CHORI-321	2R	20008847	20103249
CH321-09L09	CHORI-321	2L	10104212	10213088
CH321-09L10	CHORI-321	3R	10474607	10533710
CH321-09L11	CHORI-321	3R	17762892	17850976
CH321-09L12	CHORI-321	3L	6959661	7054495
CH321-09L13	CHORI-321	2R	5192746	5283054
CH321-09L14	CHORI-321	X	14239888	14351645
CH321-09L15	CHORI-321	2R	10786407	10871484
CH321-09L16	CHORI-321	2L	458161	552436
CH321-09L17	CHORI-321	2R	3138519	3230349
CH321-09L18	CHORI-321	3L	16221468	16314342
CH321-09L23	CHORI-321	X	19132764	19222718
CH321-09M04	CHORI-321	2R	9707604	9799274
CH321-09M05	CHORI-321	3L	9447762	9541701
CH321-09M06	CHORI-321	X	22197904	22304551
CH321-09M07	CHORI-321	2L	2870532	2961962
CH321-09M08	CHORI-321	2R	14350082	14468619
CH321-09M09	CHORI-321	2L	17428813	17521190
CH321-09M10	CHORI-321	2L	22033771	22121265
CH321-09M12	CHORI-321	2R	8060073	8149688
CH321-09M13	CHORI-321	3L	6601210	6684620
CH321-09M15	CHORI-321	2RHet	1332309	1414865
CH321-09M16	CHORI-321	3L	16578341	16644390
CH321-09M19	CHORI-321	2L	11678656	11748191
CH321-09M22	CHORI-321	2R	4831974	4927938
CH321-09M23	CHORI-321	X	18550391	18648722
CH321-09N03	CHORI-321	2L	12339417	12430993
CH321-09N05	CHORI-321	2R	4153498	4246492
CH321-09N06	CHORI-321	2RHet	141866	231326
CH321-09N09	CHORI-321	3L	7239726	7302742
CH321-09N10	CHORI-321	2R	1631848	1723437
CH321-09N15	CHORI-321	3R	21287380	21375720
CH321-09N16	CHORI-321	2R	11983216	12068530
CH321-09N18	CHORI-321	2R	13171889	13265700
CH321-09N20	CHORI-321	2L	858620	951890
CH321-09N22	CHORI-321	2L	2636130	2725316
CH321-09N23	CHORI-321	3R	10192356	10264046
CH321-09O02	CHORI-321	2R	3045566	3151222
CH321-09O04	CHORI-321	2R	17732594	17808102
CH321-09O05	CHORI-321	2L	14622696	14709579
CH321-09O07	CHORI-321	2R	17145177	17246448
CH321-09O08	CHORI-321	3R	14121407	14208856
CH321-09O10	CHORI-321	2R	167039	267103
CH321-09O12	CHORI-321	3R	10517279	10598556
CH321-09O13	CHORI-321	3R	9963407	10065236
CH321-09O14	CHORI-321	2R	19651956	19707933
CH321-09O15	CHORI-321	3R	16129500	16207871
CH321-09O18	CHORI-321	2L	3125724	3224029

CH321-09O19	CHORI-321	X	8282577	8368218
CH321-09O20	CHORI-321	2L	14721120	14804312
CH321-09O22	CHORI-321	2L	11849902	11938376
CH321-09P02	CHORI-321	3L	9494114	9593315
CH321-09P05	CHORI-321	3L	20587077	20685026
CH321-09P09	CHORI-321	3R	15713515	15801998
CH321-09P14	CHORI-321	3R	16924639	17025496
CH321-09P16	CHORI-321	2R	11022483	11135166
CH321-09P17	CHORI-321	2R	7106091	7195631
CH321-09P20	CHORI-321	3R	14581943	14678241
CH321-10A01	CHORI-321	3L	694465	771137
CH321-10A02	CHORI-321	2L	1285900	1375819
CH321-10A03	CHORI-321	X	16881503	16964239
CH321-10A04	CHORI-321	2R	8982265	9063439
CH321-10A05	CHORI-321	2R	15126594	15184550
CH321-10A09	CHORI-321	3L	23181365	23274867
CH321-10A11	CHORI-321	3R	15767758	15864369
CH321-10A13	CHORI-321	2L	20545820	20630236
CH321-10A15	CHORI-321	3R	11374902	11463765
CH321-10A16	CHORI-321	3R	20911826	20993062
CH321-10A17	CHORI-321	3L	22026067	22125839
CH321-10A20	CHORI-321	X	17413198	17502704
CH321-10A21	CHORI-321	3LHet	2490191	2546082
CH321-10A22	CHORI-321	3L	15816550	15898445
CH321-10A23	CHORI-321	3L	4989174	5098863
CH321-10A24	CHORI-321	X	14652379	14738672
CH321-10B01	CHORI-321	3L	492385	570016
CH321-10B03	CHORI-321	2R	10492974	10557409
CH321-10B05	CHORI-321	X	7675296	7754687
CH321-10B06	CHORI-321	3R	26761780	26841282
CH321-10B07	CHORI-321	2L	14706565	14801449
CH321-10B08	CHORI-321	2R	15027265	15115862
CH321-10B11	CHORI-321	X	946416	1035328
CH321-10B12	CHORI-321	3R	11533170	11625240
CH321-10B14	CHORI-321	3R	8688938	8780492
CH321-10B18	CHORI-321	3L	12529723	12620464
CH321-10B19	CHORI-321	2L	18191501	18285412
CH321-10C02	CHORI-321	3L	7820807	7915063
CH321-10C03	CHORI-321	2L	17003949	17088244
CH321-10C04	CHORI-321	2R	17093116	17185650
CH321-10C05	CHORI-321	3L	16430942	16537626
CH321-10C06	CHORI-321	2R	11484448	11572193
CH321-10C09	CHORI-321	3L	22143978	22239455
CH321-10C10	CHORI-321	2L	971180	1067970
CH321-10C11	CHORI-321	2R	16856490	16939574
CH321-10C16	CHORI-321	2R	6623876	6707960
CH321-10C21	CHORI-321	3L	20825186	20911023
CH321-10C23	CHORI-321	3L	4526895	4618258
CH321-10C24	CHORI-321	3LHet	989613	1074169
CH321-10D02	CHORI-321	2R	19276560	19391035
CH321-10D03	CHORI-321	3L	10567228	10656636
CH321-10D21	CHORI-321	3L	20030912	20106546
CH321-10D22	CHORI-321	3R	19829931	19913243
CH321-10D24	CHORI-321	2L	17364165	17471548

CH321-10E01	CHORI-321	X	5325481	5415296
CH321-10E07	CHORI-321	X	15340705	15426588
CH321-10E22	CHORI-321	2L	18277476	18359175
CH321-10E24	CHORI-321	2R	10910240	11010331
CH321-10F01	CHORI-321	3R	17245182	17332002
CH321-10F04	CHORI-321	X	12225073	12305195
CH321-10F07	CHORI-321	2L	4265376	4328012
CH321-10F24	CHORI-321	3R	21226075	21304801
CH321-10G01	CHORI-321	2L	20013582	20112694
CH321-10G02	CHORI-321	3L	9260807	9335901
CH321-10G04	CHORI-321	3L	3468817	3550610
CH321-10G06	CHORI-321	2R	4360856	4461042
CH321-10G24	CHORI-321	3R	16815588	16926025
CH321-10H01	CHORI-321	2R	7275390	7324543
CH321-10H24	CHORI-321	2L	6604553	6685633
CH321-10I01	CHORI-321	3R	10304259	10395023
CH321-10I02	CHORI-321	2R	10326957	10426384
CH321-10I05	CHORI-321	3L	16204363	16287724
CH321-10I06	CHORI-321	3R	22391286	22480065
CH321-10J03	CHORI-321	3R	26951589	27037571
CH321-10J05	CHORI-321	3L	5418013	5501494
CH321-10J13	CHORI-321	2R	13423338	13494106
CH321-10J23	CHORI-321	3L	17405994	17502659
CH321-10K04	CHORI-321	3L	21162246	21257328
CH321-10K09	CHORI-321	2R	11754308	11833534
CH321-10K19	CHORI-321	2L	11437634	11524125
CH321-10L04	CHORI-321	2R	4666277	4767975
CH321-10L06	CHORI-321	3R	4325802	4372784
CH321-10L12	CHORI-321	3R	3413171	3471173
CH321-10L14	CHORI-321	3R	14698496	14774327
CH321-10M13	CHORI-321	2L	18888759	18974255
CH321-10M19	CHORI-321	3R	10011740	10100996
CH321-10M24	CHORI-321	2L	10359668	10454439
CH321-10N19	CHORI-321	2L	2879573	2926676
CH321-11A01	CHORI-321	2R	1894735	1981156
CH321-11A02	CHORI-321	2L	16766224	16871967
CH321-11A03	CHORI-321	3R	3714494	3805048
CH321-11A05	CHORI-321	2R	1780063	1860502
CH321-11A06	CHORI-321	2L	953039	1063460
CH321-11A07	CHORI-321	X	168108	218625
CH321-11A09	CHORI-321	X	5128757	5213615
CH321-11A10	CHORI-321	X	15124949	15210191
CH321-11A13	CHORI-321	3L	20961289	21056812
CH321-11A15	CHORI-321	2R	8044615	8126205
CH321-11A16	CHORI-321	3LHet	1122135	1210658
CH321-11A19	CHORI-321	3R	13742935	13817525
CH321-11A21	CHORI-321	X	1569054	1673329
CH321-11A22	CHORI-321	2R	18743994	18828510
CH321-11A23	CHORI-321	X	22074315	22166009
CH321-11B01	CHORI-321	X	5017447	5121074
CH321-11B04	CHORI-321	2L	8546565	8630171
CH321-11B05	CHORI-321	X	10519655	10606985
CH321-11B06	CHORI-321	3L	16819956	16921191
CH321-11B07	CHORI-321	3L	17759911	17850720

CH321-11B09	CHORI-321	2L	6763379	6858266
CH321-11B10	CHORI-321	3L	15216187	15293312
CH321-11B12	CHORI-321	X	16847664	16917301
CH321-11B13	CHORI-321	2R	8149685	8233216
CH321-11B14	CHORI-321	2L	2655436	2738917
CH321-11B18	CHORI-321	3R	17262735	17350686
CH321-11B19	CHORI-321	2L	18086961	18182321
CH321-11B20	CHORI-321	2R	10269222	10358708
CH321-11B22	CHORI-321	2R	19656983	19756424
CH321-11C04	CHORI-321	3R	15924468	16007568
CH321-11C05	CHORI-321	3R	20724426	20817121
CH321-11C18	CHORI-321	2R	8278990	8350005
CH321-11C19	CHORI-321	X	12686768	12788984
CH321-11C21	CHORI-321	3L	9082793	9169392
CH321-11C22	CHORI-321	3R	6197955	6282401
CH321-11C24	CHORI-321	3L	5993825	6082464
CH321-11D02	CHORI-321	2L	5464249	5554733
CH321-11D03	CHORI-321	3L	5431838	5533353
CH321-11D20	CHORI-321	2R	15918410	15995702
CH321-11E01	CHORI-321	2R	14923638	15011958
CH321-11E07	CHORI-321	3L	22655293	22743062
CH321-11E18	CHORI-321	3R	7787200	7874084
CH321-11E21	CHORI-321	3R	26321936	26412185
CH321-11E24	CHORI-321	3R	14498342	14585595
CH321-11F01	CHORI-321	X	1820510	1919174
CH321-11G19	CHORI-321	3L	11342826	11434058
CH321-11H02	CHORI-321	X	12397892	12438685
CH321-11H08	CHORI-321	3L	14616412	14709728
CH321-11I11	CHORI-321	3L	18104759	18189426
CH321-11I24	CHORI-321	3L	3368665	3464073
CH321-11J02	CHORI-321	3R	2341168	2409015
CH321-11J06	CHORI-321	X	12447738	12540535
CH321-11J09	CHORI-321	3L	14950002	15033694
CH321-11J11	CHORI-321	3L	6676225	6758229
CH321-11J12	CHORI-321	3R	54925	150746
CH321-11J14	CHORI-321	2L	13641087	13723289
CH321-11J23	CHORI-321	ArmU	1276210	1370237
CH321-11K04	CHORI-321	3R	2969793	3065181
CH321-11K09	CHORI-321	3R	2222859	2317143
CH321-11K23	CHORI-321	3R	23664625	23752994
CH321-11L10	CHORI-321	2R	13822117	13905117
CH321-11L12	CHORI-321	3R	17683708	17770556
CH321-11L14	CHORI-321	3R	4177259	4265172
CH321-11M01	CHORI-321	3R	26029948	26126079
CH321-11M07	CHORI-321	3R	2339362	2423197
CH321-11M11	CHORI-321	2L	18971188	19053931
CH321-11M13	CHORI-321	3L	1435862	1519767
CH321-11M23	CHORI-321	3L	24082365	24169777
CH321-11N03	CHORI-321	3R	21644802	21745522
CH321-11N07	CHORI-321	X	13234238	13308471
CH321-11N24	CHORI-321	2L	3344097	3422132
CH321-11O01	CHORI-321	2L	715941	817194
CH321-11O02	CHORI-321	3R	3071877	3142164
CH321-11O09	CHORI-321	X	17153969	17248014

CH321-11P01	CHORI-321	2L	4566963	4607806
CH321-11P02	CHORI-321	2L	9271874	9356195
CH321-11P03	CHORI-321	3L	1109592	1199143
CH321-11P04	CHORI-321	2L	15048978	15128790
CH321-11P06	CHORI-321	3RHet	1692686	1776527
CH321-11P09	CHORI-321	2L	14896295	14976561
CH321-11P10	CHORI-321	2L	16597948	16661291
CH321-11P12	CHORI-321	3L	22505035	22596635
CH321-11P14	CHORI-321	3R	7070827	7130382
CH321-12A03	CHORI-321	X	1341050	1411111
CH321-12A05	CHORI-321	3LHet	1200598	1295948
CH321-12A07	CHORI-321	3R	25033975	25133473
CH321-12A09	CHORI-321	3L	15592543	15694063
CH321-12A11	CHORI-321	3L	7968608	8045641
CH321-12A12	CHORI-321	3L	4412229	4500910
CH321-12A14	CHORI-321	3R	4979603	5070084
CH321-12A19	CHORI-321	3LHet	406980	500800
CH321-12A21	CHORI-321	3L	18606850	18690922
CH321-12A22	CHORI-321	2L	16347909	16452769
CH321-12A24	CHORI-321	2R	11177777	11270802
CH321-12B03	CHORI-321	3L	22554655	22643337
CH321-12B05	CHORI-321	2L	11843958	11942544
CH321-12B06	CHORI-321	2R	17742841	17839802
CH321-12B07	CHORI-321	3L	18895459	18992816
CH321-12B10	CHORI-321	3RHet	1761239	1836259
CH321-12B13	CHORI-321	3L	8469918	8568178
CH321-12B15	CHORI-321	2R	6881126	6972978
CH321-12B16	CHORI-321	X	3401078	3485298
CH321-12B21	CHORI-321	3L	21048393	21146189
CH321-12B24	CHORI-321	2L	19304151	19392596
CH321-12C02	CHORI-321	2L	5632130	5729969
CH321-12C03	CHORI-321	3L	9022908	9121638
CH321-12C05	CHORI-321	2R	17598746	17689608
CH321-12C09	CHORI-321	3RHet	1216393	1274997
CH321-12C11	CHORI-321	3R	11637657	11735327
CH321-12C13	CHORI-321	2L	12451014	12539948
CH321-12C17	CHORI-321	3R	23508221	23597538
CH321-12C19	CHORI-321	X	483779	592686
CH321-12C23	CHORI-321	2R	17104134	17173796
CH321-12D03	CHORI-321	3L	3668919	3778574
CH321-12D05	CHORI-321	2L	11882038	11966313
CH321-12D09	CHORI-321	3L	12643971	12748789
CH321-12D16	CHORI-321	2L	17206343	17310071
CH321-12D18	CHORI-321	3R	19139651	19234560
CH321-12E01	CHORI-321	2R	8032908	8122744
CH321-12E02	CHORI-321	2R	12695832	12790156
CH321-12E04	CHORI-321	2R	11114154	11208256
CH321-12F01	CHORI-321	2L	14242189	14334451
CH321-12F02	CHORI-321	2R	3458587	3566436
CH321-12F03	CHORI-321	2R	6654722	6733945
CH321-12F04	CHORI-321	3R	3032941	3134928
CH321-12F07	CHORI-321	3R	10630169	10714695
CH321-12F08	CHORI-321	2L	16509256	16602005
CH321-12F11	CHORI-321	3L	20807923	20891582

CH321-12F20	CHORI-321	3R	20407746	20500799
CH321-12G01	CHORI-321	2L	8537439	8623839
CH321-12G04	CHORI-321	ArmU	1278938	1355811
CH321-12G05	CHORI-321	3R	26770810	26873374
CH321-12G08	CHORI-321	2L	17071883	17173122
CH321-12G15	CHORI-321	2R	5752271	5841024
CH321-12H02	CHORI-321	2L	11115887	11186243
CH321-12H03	CHORI-321	3R	6475794	6558136
CH321-12H04	CHORI-321	3L	2781259	2883818
CH321-12H05	CHORI-321	3R	1744714	1832873
CH321-12H07	CHORI-321	3R	10630367	10714712
CH321-12H11	CHORI-321	2L	16191864	16291798
CH321-12H12	CHORI-321	2L	3049413	3125047
CH321-12I01	CHORI-321	X	2341533	2424487
CH321-12I03	CHORI-321	2R	3963932	4059798
CH321-12I04	CHORI-321	3R	9443970	9535174
CH321-12I05	CHORI-321	X	10106793	10218034
CH321-12J02	CHORI-321	3R	16293578	16387465
CH321-12J03	CHORI-321	2R	8399376	8487853
CH321-12J04	CHORI-321	3L	11227549	11321089
CH321-12J12	CHORI-321	3L	9036253	9114981
CH321-12J15	CHORI-321	2R	19849978	19961416
CH321-12J16	CHORI-321	X	2891509	2958508
CH321-12J24	CHORI-321	2L	13069623	13153425
CH321-12K02	CHORI-321	2R	12068527	12155833
CH321-12K11	CHORI-321	4	421453	506452
CH321-12L02	CHORI-321	X	20433537	20525130
CH321-12L04	CHORI-321	3L	18557450	18637135
CH321-12L08	CHORI-321	3R	16805319	16892608
CH321-12L09	CHORI-321	X	19004927	19098945
CH321-12L18	CHORI-321	2L	8081133	8132306
CH321-12L19	CHORI-321	3R	4769810	4869929
CH321-12L24	CHORI-321	2L	19925565	20025184
CH321-12M02	CHORI-321	X	18247955	18337301
CH321-12M03	CHORI-321	3L	2141665	2240135
CH321-12M06	CHORI-321	2R	20050293	20146567
CH321-12M09	CHORI-321	2L	14178203	14264978
CH321-12M17	CHORI-321	2R	6380077	6457997
CH321-12M23	CHORI-321	3L	10266950	10363077
CH321-12M24	CHORI-321	2R	10923757	11003232
CH321-12N02	CHORI-321	2R	18099553	18182663
CH321-12N05	CHORI-321	2R	16542899	16636441
CH321-12N06	CHORI-321	3L	9588187	9690559
CH321-12N10	CHORI-321	2L	6726910	6832710
CH321-12N14	CHORI-321	3L	16492328	16575232
CH321-12N15	CHORI-321	2R	9601480	9686776
CH321-12N16	CHORI-321	2R	17895784	17958961
CH321-12N20	CHORI-321	3R	13899381	13980488
CH321-12N21	CHORI-321	3R	7124004	7225160
CH321-12N23	CHORI-321	X	15882553	15975022
CH321-12O01	CHORI-321	3L	352692	449744
CH321-12O02	CHORI-321	2L	226285	302001
CH321-12O04	CHORI-321	3L	11141627	11243173
CH321-12O05	CHORI-321	X	15962568	16045581

CH321-12O06	CHORI-321	3R	6718845	6806198
CH321-12O09	CHORI-321	3L	1037556	1122141
CH321-12O13	CHORI-321	3R	27199250	27292745
CH321-12O15	CHORI-321	2L	4771544	4875505
CH321-12O16	CHORI-321	2L	11128716	11223985
CH321-12O19	CHORI-321	2L	7799802	7892706
CH321-12O21	CHORI-321	3R	3839575	3928272
CH321-12P01	CHORI-321	3R	3126403	3205729
CH321-12P03	CHORI-321	2R	8834609	8941441
CH321-12P04	CHORI-321	3R	980038	1056206
CH321-12P08	CHORI-321	3R	23926681	24027099
CH321-12P09	CHORI-321	3R	22845707	22902039
CH321-12P11	CHORI-321	3R	22587742	22668785
CH321-12P12	CHORI-321	2L	8661448	8766372
CH321-12P18	CHORI-321	X	1023321	1109082
CH321-13A01	CHORI-321	3R	3217480	3308804
CH321-13A02	CHORI-321	2R	17274957	17358785
CH321-13A03	CHORI-321	2L	11703894	11788750
CH321-13A04	CHORI-321	3L	4743022	4791872
CH321-13A05	CHORI-321	2L	3017862	3117256
CH321-13A06	CHORI-321	2L	17379187	17461331
CH321-13A07	CHORI-321	2R	523103	620079
CH321-13A08	CHORI-321	3R	13116126	13223376
CH321-13A10	CHORI-321	3L	3607616	3696763
CH321-13A11	CHORI-321	2R	7269297	7358693
CH321-13A12	CHORI-321	3L	11394941	11487749
CH321-13A13	CHORI-321	2L	9953742	10058530
CH321-13A18	CHORI-321	3L	12820487	12909658
CH321-13A19	CHORI-321	3R	6869404	6974228
CH321-13A20	CHORI-321	2RHet	3001289	3092442
CH321-13A21	CHORI-321	3R	13440799	13539204
CH321-13A23	CHORI-321	3L	20839942	20929175
CH321-13A24	CHORI-321	3R	27660633	27758422
CH321-13B01	CHORI-321	2R	15046396	15149958
CH321-13B02	CHORI-321	2L	17295242	17370765
CH321-13B03	CHORI-321	2R	1008990	1101074
CH321-13B04	CHORI-321	3R	9395686	9503437
CH321-13B05	CHORI-321	X	3466194	3563061
CH321-13B06	CHORI-321	3R	22303468	22380342
CH321-13B09	CHORI-321	2R	6512252	6617823
CH321-13B10	CHORI-321	3L	19236258	19338847
CH321-13B13	CHORI-321	2R	10492425	10605242
CH321-13B15	CHORI-321	3R	1684653	1774118
CH321-13B16	CHORI-321	3R	15523986	15595354
CH321-13B17	CHORI-321	3L	23375556	23477144
CH321-13B18	CHORI-321	2R	1765138	1850251
CH321-13B19	CHORI-321	2L	11162712	11233292
CH321-13B20	CHORI-321	X	15278958	15348606
CH321-13B21	CHORI-321	3R	7248182	7328612
CH321-13B22	CHORI-321	X	14158205	14220806
CH321-13B23	CHORI-321	2R	12543664	12633755
CH321-13C02	CHORI-321	3R	7173883	7257899
CH321-13C03	CHORI-321	3R	16935492	17015911
CH321-13C04	CHORI-321	3R	5067316	5160305

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CH321-13C06	CHORI-321	X	14171051	14272392
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CH321-13C11	CHORI-321	2R	20852475	20935291
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CH321-13C17	CHORI-321	3L	14992285	15078053
CH321-13C19	CHORI-321	3R	6532878	6622760
CH321-13C20	CHORI-321	X	6442113	6491984
CH321-13C22	CHORI-321	2L	13025460	13122160
CH321-13C23	CHORI-321	X	16055930	16160359
CH321-13C24	CHORI-321	3L	20104323	20183181
CH321-13D02	CHORI-321	3R	21125117	21211412
CH321-13D04	CHORI-321	3R	1586281	1689844
CH321-13D05	CHORI-321	3R	15870809	15944712
CH321-13D06	CHORI-321	3RHet	1756147	1835323
CH321-13D10	CHORI-321	2R	9817344	9912758
CH321-13D12	CHORI-321	2L	7721189	7824476
CH321-13D16	CHORI-321	2L	18402949	18488144
CH321-13D21	CHORI-321	2L	10055337	10140834
CH321-13D22	CHORI-321	3L	17193364	17285672
CH321-13E03	CHORI-321	3R	9672965	9758847
CH321-13E05	CHORI-321	X	10841500	10925104
CH321-13E09	CHORI-321	2R	1401224	1485212
CH321-13E10	CHORI-321	3R	2493535	2573358
CH321-13E11	CHORI-321	3R	15712825	15803962
CH321-13E15	CHORI-321	3L	7604127	7698167
CH321-13E16	CHORI-321	3R	26530902	26600252
CH321-13E23	CHORI-321	3R	302433	403798
CH321-13E24	CHORI-321	2L	14931261	15010644
CH321-13F01	CHORI-321	3R	7752277	7841586
CH321-13F02	CHORI-321	2L	2568027	2624558
CH321-13F04	CHORI-321	3L	14145381	14226911
CH321-13F07	CHORI-321	X	12147216	12224997
CH321-13F08	CHORI-321	2L	6499560	6592728
CH321-13F09	CHORI-321	3L	13147800	13243573
CH321-13F10	CHORI-321	2L	20142109	20223967
CH321-13F15	CHORI-321	3R	8681702	8790813
CH321-13F16	CHORI-321	2R	8706857	8809250
CH321-13F20	CHORI-321	2L	6141826	6225460
CH321-13F21	CHORI-321	3L	16589582	16671234
CH321-13F22	CHORI-321	3L	9958796	10046718
CH321-13F24	CHORI-321	2L	21591143	21697954
CH321-13G01	CHORI-321	2R	1563388	1661218
CH321-13G04	CHORI-321	2L	6796635	6882659
CH321-13G05	CHORI-321	2L	18668336	18757104
CH321-13G07	CHORI-321	2R	12763295	12836522
CH321-13G08	CHORI-321	2L	16191740	16291803
CH321-13G11	CHORI-321	3R	23695143	23804702
CH321-13G12	CHORI-321	3L	10392903	10492849
CH321-13G13	CHORI-321	2L	1523451	1616403
CH321-13G15	CHORI-321	X	17235827	17318352
CH321-13G22	CHORI-321	2L	18364253	18461389
CH321-13G23	CHORI-321	3R	27682453	27788745
CH321-13G24	CHORI-321	X	12396576	12481934

CH321-13H01	CHORI-321	X	8234783	8322184
CH321-13H03	CHORI-321	X	8657849	8738171
CH321-13H04	CHORI-321	X	14204412	14282356
CH321-13H05	CHORI-321	3R	816547	904032
CH321-13H08	CHORI-321	3L	20681196	20770647
CH321-13H10	CHORI-321	3R	5634052	5711741
CH321-13H11	CHORI-321	2R	16866057	16956246
CH321-13H12	CHORI-321	2R	5489704	5577696
CH321-13H13	CHORI-321	3L	12568833	12655247
CH321-13H15	CHORI-321	X	13778154	13820367
CH321-13H18	CHORI-321	2L	3952419	4033152
CH321-13H20	CHORI-321	2R	3616166	3725439
CH321-13H23	CHORI-321	2L	1290043	1389585
CH321-13H24	CHORI-321	2L	4203406	4298989
CH321-13I01	CHORI-321	3L	23774660	23837882
CH321-13I02	CHORI-321	3LHet	608911	667472
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CH321-13I08	CHORI-321	X	13145321	13231386
CH321-13I11	CHORI-321	2L	16319466	16405012
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CH321-13I16	CHORI-321	3L	11687535	11779825
CH321-13I20	CHORI-321	3R	25171477	25270921
CH321-13I21	CHORI-321	2R	19979559	20058091
CH321-13I22	CHORI-321	3R	15735586	15831962
CH321-13I24	CHORI-321	2R	14539090	14626438
CH321-13J01	CHORI-321	4	810696	884231
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CH321-13J07	CHORI-321	3R	13475664	13560171
CH321-13J16	CHORI-321	2L	3722865	3807845
CH321-13J18	CHORI-321	2L	7190607	7235310
CH321-13J20	CHORI-321	X	18284056	18375780
CH321-13J22	CHORI-321	3R	9258853	9344406
CH321-13J24	CHORI-321	3R	18041126	18137141
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CH321-13L10	CHORI-321	X	17199837	17295950
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CH321-13L16	CHORI-321	2L	20116101	20167815
CH321-13L19	CHORI-321	2R	4428740	4537999
CH321-13L21	CHORI-321	3L	16477840	16566170
CH321-13M01	CHORI-321	3R	11395450	11503343
CH321-13M07	CHORI-321	2R	20829598	20917110
CH321-13M10	CHORI-321	3L	2497724	2579520
CH321-13M13	CHORI-321	3R	17492498	17590731
CH321-13M23	CHORI-321	3R	9261227	9342227
CH321-13M24	CHORI-321	2R	10528478	10628257
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CH321-13N07	CHORI-321	3L	6106573	6200676
CH321-13N08	CHORI-321	2R	5124502	5225331
CH321-13N09	CHORI-321	3R	13499015	13590104
CH321-13N10	CHORI-321	2L	16080171	16170982
CH321-13N11	CHORI-321	3R	14327824	14416547
CH321-13N14	CHORI-321	3R	24687739	24771089
CH321-13N21	CHORI-321	X	4174155	4262203
CH321-13N22	CHORI-321	3L	23953032	24061408
CH321-13O02	CHORI-321	3L	7690846	7785857
CH321-13O06	CHORI-321	2L	16522971	16570062
CH321-13O09	CHORI-321	2R	3216628	3302057
CH321-13O11	CHORI-321	3L	22818689	22878015
CH321-13O13	CHORI-321	2R	19445889	19533131
CH321-13O15	CHORI-321	3R	6231205	6332711
CH321-13O16	CHORI-321	3L	5209948	5298904
CH321-13O17	CHORI-321	X	7301493	7396920
CH321-13O19	CHORI-321	2L	8484433	8528005
CH321-13O21	CHORI-321	X	8041386	8083862
CH321-13O22	CHORI-321	2L	9794689	9888414
CH321-13O24	CHORI-321	3L	7931090	8020732
CH321-13P01	CHORI-321	3L	1764764	1841089
CH321-13P04	CHORI-321	3L	9455498	9535778
CH321-13P08	CHORI-321	X	15736276	15818253
CH321-13P09	CHORI-321	2L	12663210	12760710
CH321-13P11	CHORI-321	2L	16988464	17031499
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CH321-13P13	CHORI-321	2R	10232801	10329274
CH321-13P15	CHORI-321	3L	13286805	13375263
CH321-13P17	CHORI-321	3L	1980480	2063589
CH321-13P18	CHORI-321	X	13544566	13634938
CH321-13P21	CHORI-321	2L	5605882	5701043
CH321-13P22	CHORI-321	ArmU	143072	232427
CH321-13P24	CHORI-321	3L	11539917	11632144
CH321-14A01	CHORI-321	3R	4711637	4782360
CH321-14A03	CHORI-321	3R	1727299	1826457
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CH321-14A06	CHORI-321	2R	16540741	16621699
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CH321-14A16	CHORI-321	2R	12829857	12909885
CH321-14A17	CHORI-321	X	20671995	20756958
CH321-14A18	CHORI-321	2L	4401516	4502133
CH321-14A23	CHORI-321	3L	2676046	2764497
CH321-14A24	CHORI-321	2R	13993338	14083447
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CH321-14B06	CHORI-321	3LHet	752176	829368
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CH321-14B10	CHORI-321	3R	24992988	25088963
CH321-14B11	CHORI-321	3R	7972981	8074022

CH321-14B12	CHORI-321	3R	3636916	3723989
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CH321-14C05	CHORI-321	3L	20373983	20415206
CH321-14C17	CHORI-321	2L	17771304	17870249
CH321-14C19	CHORI-321	3L	11677646	11789653
CH321-14D05	CHORI-321	2R	15149543	15253311
CH321-14E01	CHORI-321	2L	9807921	9889057
CH321-14E03	CHORI-321	2R	19213432	19317955
CH321-14E07	CHORI-321	3R	15327791	15426455
CH321-14F01	CHORI-321	2L	5156537	5267830
CH321-14F10	CHORI-321	2R	10304590	10414989
CH321-14I02	CHORI-321	3R	19592195	19686395
CH321-14I13	CHORI-321	2R	4248085	4333438
CH321-14I15	CHORI-321	2R	4618354	4718328
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CH321-14K01	CHORI-321	2R	5984846	6043679
CH321-14K02	CHORI-321	3R	5800855	5889548
CH321-14K11	CHORI-321	2L	21204252	21286776
CH321-14L01	CHORI-321	2R	14923756	15023734
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CH321-14M01	CHORI-321	2R	12114017	12197972
CH321-14M21	CHORI-321	3R	18045701	18144211
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CH321-14N01	CHORI-321	2L	1341754	1429918
CH321-14N19	CHORI-321	3L	15067754	15110777
CH321-14N24	CHORI-321	X	17336314	17413635
CH321-14O02	CHORI-321	3L	5913714	5961569
CH321-14O19	CHORI-321	3R	9885210	9985571
CH321-14O22	CHORI-321	2L	16551304	16637683
CH321-14O24	CHORI-321	2L	10791976	10887843
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CH321-14P14	CHORI-321	3R	8416598	8512729
CH321-14P17	CHORI-321	2R	8931582	9012320
CH321-14P20	CHORI-321	3R	12687400	12786840
CH321-16A04	CHORI-321	2R	14159404	14246041
CH321-16A05	CHORI-321	2R	1691139	1780066
CH321-16A06	CHORI-321	2R	19977129	20044359
CH321-16A07	CHORI-321	3R	4252941	4344221
CH321-16A09	CHORI-321	3L	11691574	11770746
CH321-16A11	CHORI-321	3R	15078464	15158410
CH321-16A13	CHORI-321	3R	13588877	13677874
CH321-16A16	CHORI-321	2R	7619585	7706845
CH321-16A17	CHORI-321	3L	10463960	10555400
CH321-16A18	CHORI-321	X	11100684	11191947
CH321-16A19	CHORI-321	3R	7922330	8018971

CH321-16A21	CHORI-321	2L	22094891	22193752
CH321-16A24	CHORI-321	X	17831970	17918583
CH321-16B05	CHORI-321	3L	22253198	22341899
CH321-16B07	CHORI-321	3L	1363069	1452730
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CH321-16B13	CHORI-321	2L	11669806	11772405
CH321-16B14	CHORI-321	2R	12422929	12499426
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CH321-16B24	CHORI-321	3R	12528989	12616259
CH321-16C02	CHORI-321	2R	15155646	15206876
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CH321-16C13	CHORI-321	3R	8053162	8151376
CH321-16C16	CHORI-321	3L	15468803	15561368
CH321-16C18	CHORI-321	3L	12307176	12404799
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CH321-16C22	CHORI-321	3L	5475966	5566389
CH321-16C24	CHORI-321	3L	15989537	16067717
CH321-16D02	CHORI-321	3RHet	89362	152565
CH321-16D03	CHORI-321	3R	25107455	25192366
CH321-16D06	CHORI-321	3R	16688297	16780177
CH321-16D11	CHORI-321	3R	2370688	2460528
CH321-16D14	CHORI-321	3R	4777705	4869984
CH321-16D17	CHORI-321	3L	11686387	11779825
CH321-16D18	CHORI-321	3RHet	1191384	1270799
CH321-16D21	CHORI-321	2L	15494811	15573030
CH321-16D22	CHORI-321	2L	6987664	7078729
CH321-16D24	CHORI-321	3R	23392007	23488500
CH321-16E01	CHORI-321	3R	11973598	12063853
CH321-16E03	CHORI-321	3L	10876307	10955569
CH321-16E04	CHORI-321	3R	6884032	6973258
CH321-16E07	CHORI-321	3R	8510586	8587470
CH321-16E08	CHORI-321	X	21820392	21905295
CH321-16E21	CHORI-321	3L	10482143	10567452
CH321-16E23	CHORI-321	X	1144714	1236266
CH321-16E24	CHORI-321	3L	6549081	6658683
CH321-16F04	CHORI-321	2L	17790595	17892864
CH321-16F06	CHORI-321	3R	10045299	10135106
CH321-16F21	CHORI-321	X	4035347	4126969
CH321-16F22	CHORI-321	3R	20270661	20352786
CH321-16F23	CHORI-321	3R	21535883	21623187
CH321-16F24	CHORI-321	3L	17619229	17720479
CH321-16G01	CHORI-321	2L	12500877	12579093
CH321-16G04	CHORI-321	X	20438969	20515842
CH321-16G07	CHORI-321	2L	4831244	4936712
CH321-16G19	CHORI-321	3L	5669532	5747682
CH321-16G20	CHORI-321	2L	581586	660304
CH321-16G21	CHORI-321	3L	13169617	13240361
CH321-16G23	CHORI-321	2L	13414145	13501159
CH321-16H01	CHORI-321	3L	5546798	5664179
CH321-16H02	CHORI-321	2L	16026841	16112304

CH321-16H03	CHORI-321	3R	3104977	3205729
CH321-16H04	CHORI-321	2L	22777351	22869435
CH321-16H06	CHORI-321	3L	7782170	7856657
CH321-16H07	CHORI-321	4	630972	723999
CH321-16H23	CHORI-321	3L	10521162	10619619
CH321-16I03	CHORI-321	2L	2116814	2162995
CH321-16I05	CHORI-321	2L	8354967	8424322
CH321-16I06	CHORI-321	3R	1191679	1269100
CH321-16I07	CHORI-321	3R	1583405	1668343
CH321-16I17	CHORI-321	3L	1038495	1143916
CH321-16I21	CHORI-321	X	8220446	8303545
CH321-16I24	CHORI-321	3L	4517260	4619343
CH321-16J06	CHORI-321	3L	4535779	4629716
CH321-16J24	CHORI-321	3L	9053530	9133057
CH321-16K01	CHORI-321	3R	7692348	7784531
CH321-16K02	CHORI-321	3L	16446418	16521123
CH321-16K15	CHORI-321	2L	17278423	17370644
CH321-16K23	CHORI-321	3R	10467006	10539850
CH321-16L01	CHORI-321	3R	4729088	4809411
CH321-16L02	CHORI-321	X	17582661	17674922
CH321-16L03	CHORI-321	X	8231529	8313993
CH321-16L04	CHORI-321	3L	19327211	19416468
CH321-16L05	CHORI-321	3R	4934770	5019341
CH321-16L06	CHORI-321	2L	12675002	12722411
CH321-16L08	CHORI-321	2L	6816775	6913862
CH321-16M05	CHORI-321	X	16070860	16167871
CH321-16M07	CHORI-321	3R	4852765	4935084
CH321-16M17	CHORI-321	3L	15793930	15897385
CH321-16M24	CHORI-321	3R	24178378	24284664
CH321-16N01	CHORI-321	3L	22812484	22904481
CH321-16N13	CHORI-321	2L	14088918	14183228
CH321-16N14	CHORI-321	2L	17249179	17351111
CH321-16N20	CHORI-321	2L	17797698	17896192
CH321-16N22	CHORI-321	3R	14586585	14673634
CH321-16N23	CHORI-321	3R	4724965	4804225
CH321-16O01	CHORI-321	3R	15758176	15804194
CH321-16O02	CHORI-321	X	4430045	4519931
CH321-16O07	CHORI-321	3R	19530027	19631470
CH321-16O08	CHORI-321	3L	4697591	4791173
CH321-16O11	CHORI-321	2L	2136045	2233022
CH321-16O15	CHORI-321	2L	22477702	22557133
CH321-16O17	CHORI-321	2R	11111641	11204377
CH321-16O19	CHORI-321	X	19336679	19423908
CH321-16O21	CHORI-321	ArmU	196995	281851
CH321-16P04	CHORI-321	3R	10989774	11071503
CH321-16P12	CHORI-321	X	10539324	10615691
CH321-16P14	CHORI-321	2R	10378445	10458631
CH321-16P17	CHORI-321	2R	19164137	19256046
CH321-16P20	CHORI-321	3L	18625042	18712188
CH321-16P22	CHORI-321	2R	4616183	4715005
CH321-16P23	CHORI-321	2R	4249992	4333973
CH321-17A03	CHORI-321	2R	8640223	8728604
CH321-17A06	CHORI-321	2R	14020446	14094661
CH321-17A07	CHORI-321	3R	197725	312545

CH321-17A08	CHORI-321	3R	4729088	4807989
CH321-17A10	CHORI-321	3L	20586770	20683190
CH321-17A11	CHORI-321	2R	10150426	10226740
CH321-17A13	CHORI-321	3R	25881246	25964851
CH321-17A14	CHORI-321	2R	19120474	19210266
CH321-17A15	CHORI-321	2R	18098666	18199403
CH321-17A16	CHORI-321	2L	461988	559965
CH321-17A19	CHORI-321	2L	17115638	17182429
CH321-17A21	CHORI-321	2L	4228306	4322287
CH321-17A23	CHORI-321	2L	18543244	18641534
CH321-17B01	CHORI-321	3L	7161373	7244140
CH321-17B02	CHORI-321	X	8662931	8769807
CH321-17B03	CHORI-321	2L	5321777	5396469
CH321-17B04	CHORI-321	2L	22144268	22224756
CH321-17B06	CHORI-321	X	11232512	11309362
CH321-17B07	CHORI-321	2L	7906072	8008515
CH321-17B08	CHORI-321	3R	9791258	9869172
CH321-17B09	CHORI-321	3R	23502226	23597673
CH321-17B10	CHORI-321	3R	18806920	18897577
CH321-17B12	CHORI-321	3L	15333711	15438203
CH321-17B14	CHORI-321	3L	4900509	4985476
CH321-17B16	CHORI-321	2L	18937514	19042153
CH321-17B18	CHORI-321	3R	11819605	11909711
CH321-17B22	CHORI-321	X	14461005	14546967
CH321-17C01	CHORI-321	2L	7887832	7976357
CH321-17C02	CHORI-321	2L	13902930	13987136
CH321-17C05	CHORI-321	3L	15816550	15906235
CH321-17C11	CHORI-321	3R	3132579	3228339
CH321-17C17	CHORI-321	2L	9598028	9705052
CH321-17C19	CHORI-321	3L	15613653	15699606
CH321-17C20	CHORI-321	3R	15119410	15180584
CH321-17C21	CHORI-321	3R	26022928	26092883
CH321-17C23	CHORI-321	X	14211625	14282356
CH321-17D01	CHORI-321	3R	22631945	22729622
CH321-17D18	CHORI-321	3R	21295233	21375536
CH321-17D24	CHORI-321	X	945801	1034448
CH321-17E02	CHORI-321	3L	18010050	18090668
CH321-17E10	CHORI-321	3L	6564678	6657555
CH321-17F01	CHORI-321	X	7288288	7375376
CH321-17F02	CHORI-321	3R	9831891	9913835
CH321-17F07	CHORI-321	3L	9368167	9465394
CH321-17F08	CHORI-321	X	6540457	6633428
CH321-17F20	CHORI-321	2L	17869811	17971365
CH321-17F22	CHORI-321	3L	12887432	12985903
CH321-17F24	CHORI-321	3L	7244258	7348573
CH321-17G01	CHORI-321	2L	15487784	15579432
CH321-17G02	CHORI-321	2L	5670433	5747635
CH321-17G13	CHORI-321	X	13260011	13343383
CH321-17H01	CHORI-321	2R	5859056	5943926
CH321-17H02	CHORI-321	2L	4062654	4137958
CH321-17I01	CHORI-321	2L	17695030	17737899
CH321-17I02	CHORI-321	2L	47591	141101
CH321-17I11	CHORI-321	3L	9241113	9323228
CH321-17I13	CHORI-321	X	1155168	1197838

CH321-17I15	CHORI-321	3R	20640427	20735415
CH321-17I24	CHORI-321	2L	6471466	6574643
CH321-17J12	CHORI-321	X	19336678	19423908
CH321-17J22	CHORI-321	3R	9143909	9247483
CH321-17K01	CHORI-321	2L	17311469	17400842
CH321-17K02	CHORI-321	3L	2496914	2594819
CH321-17K09	CHORI-321	3R	19685350	19768306
CH321-17K12	CHORI-321	3L	3112850	3195071
CH321-17K13	CHORI-321	2R	18125675	18231229
CH321-17L03	CHORI-321	3L	9329392	9404886
CH321-17L08	CHORI-321	X	6093540	6187386
CH321-17L11	CHORI-321	2L	6466157	6546437
CH321-17L12	CHORI-321	2R	5871986	5969014
CH321-17L18	CHORI-321	2R	19065842	19157760
CH321-17L24	CHORI-321	3R	10766814	10860296
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CH321-17M11	CHORI-321	2R	7934773	8026494
CH321-17M13	CHORI-321	3L	913546	970673
CH321-17M17	CHORI-321	3L	22537740	22594024
CH321-17M23	CHORI-321	3L	6130602	6229495
CH321-17N03	CHORI-321	2R	15850968	15928889
CH321-17N24	CHORI-321	3L	8580133	8664388
CH321-17O01	CHORI-321	3R	20746850	20829301
CH321-17O02	CHORI-321	3R	17471707	17566645
CH321-17O06	CHORI-321	X	1744378	1787078
CH321-17O12	CHORI-321	2L	20920685	20980992
CH321-17O13	CHORI-321	3L	5661107	5748082
CH321-17O15	CHORI-321	2L	1854126	1945566
CH321-17O16	CHORI-321	3R	14559295	14650991
CH321-17O22	CHORI-321	3R	230243	332778
CH321-17O24	CHORI-321	3L	10494661	10575692
CH321-17P01	CHORI-321	2R	9963764	10050725
CH321-17P02	CHORI-321	3R	13044945	13109763
CH321-17P04	CHORI-321	X	5637880	5730175
CH321-17P10	CHORI-321	3L	1231541	1325654
CH321-17P13	CHORI-321	2L	18285580	18364256
CH321-17P17	CHORI-321	2L	17741354	17816248
CH321-17P23	CHORI-321	X	14332615	14421955
CH321-17P24	CHORI-321	2L	1794480	1878143
CH321-18A02	CHORI-321	2L	6225258	6311018
CH321-18A05	CHORI-321	2L	6110511	6151622
CH321-18A06	CHORI-321	2L	17664197	17770832
CH321-18A08	CHORI-321	X	9676066	9759638
CH321-18A09	CHORI-321	2R	14798656	14888649
CH321-18A10	CHORI-321	2L	10285321	10379269
CH321-18A11	CHORI-321	2R	6219513	6312779
CH321-18A12	CHORI-321	3R	1038091	1129554
CH321-18A14	CHORI-321	3R	20686261	20772381
CH321-18A18	CHORI-321	2R	5605337	5709209
CH321-18A20	CHORI-321	3R	18695222	18797945
CH321-18A21	CHORI-321	3R	3781966	3861902
CH321-18A24	CHORI-321	3R	15332418	15425529
CH321-18B01	CHORI-321	X	14594959	14680229
CH321-18B02	CHORI-321	2L	1935270	2018270

CH321-18B03	CHORI-321	3L	13415673	13497943
CH321-18B04	CHORI-321	3L	6765122	6841359
CH321-18B06	CHORI-321	2R	5193659	5286785
CH321-18B08	CHORI-321	3L	13290813	13373566
CH321-18B09	CHORI-321	3R	6202302	6291587
CH321-18B14	CHORI-321	3L	19294392	19382689
CH321-18B15	CHORI-321	3R	15304949	15395059
CH321-18B18	CHORI-321	X	16177631	16275399
CH321-18B19	CHORI-321	2L	4720754	4816508
CH321-18B20	CHORI-321	2R	7916928	7998428
CH321-18B21	CHORI-321	3R	22317547	22428138
CH321-18B22	CHORI-321	2L	8134590	8212524
CH321-18B23	CHORI-321	3R	23309546	23392607
CH321-18B24	CHORI-321	2L	10491929	10579999
CH321-18C02	CHORI-321	X	8023740	8095848
CH321-18C03	CHORI-321	3L	13190375	13282198
CH321-18C04	CHORI-321	3L	2436119	2524729
CH321-18C05	CHORI-321	2L	6255580	6348994
CH321-18C11	CHORI-321	X	21959714	22044474
CH321-18C13	CHORI-321	2L	21797438	21863703
CH321-18C15	CHORI-321	2R	3077082	3177125
CH321-18C16	CHORI-321	2L	11558162	11654124
CH321-18C17	CHORI-321	2L	19260342	19360419
CH321-18C18	CHORI-321	3L	15863324	15936916
CH321-18C19	CHORI-321	3L	17884625	17984182
CH321-18C21	CHORI-321	2R	14935371	15023537
CH321-18C23	CHORI-321	3R	24120799	24233306
CH321-18C24	CHORI-321	3R	3543616	3632889
CH321-18D02	CHORI-321	3R	21655383	21746342
CH321-18D09	CHORI-321	X	17496974	17568648
CH321-18D10	CHORI-321	2R	10010766	10087364
CH321-18D12	CHORI-321	3R	25399206	25469669
CH321-18D18	CHORI-321	2R	2577095	2670709
CH321-18D23	CHORI-321	3R	14541916	14633129
CH321-18E02	CHORI-321	3R	3841813	3948599
CH321-18E03	CHORI-321	3R	14102557	14211824
CH321-18E04	CHORI-321	3R	24767652	24859602
CH321-18E05	CHORI-321	3R	12315834	12416010
CH321-18E06	CHORI-321	2L	8358466	8445022
CH321-18E11	CHORI-321	2L	16331378	16404952
CH321-18E12	CHORI-321	3R	21137902	21221399
CH321-18E19	CHORI-321	3R	14318011	14396478
CH321-18E21	CHORI-321	3L	5141766	5236617
CH321-18E22	CHORI-321	2R	258703	337657
CH321-18E23	CHORI-321	2L	14704282	14792352
CH321-18F02	CHORI-321	3L	6582971	6660097
CH321-18F04	CHORI-321	X	10763881	10862157
CH321-18F05	CHORI-321	3R	15355520	15453292
CH321-18F09	CHORI-321	2L	1419836	1494230
CH321-18F12	CHORI-321	2R	4134225	4218941
CH321-18F22	CHORI-321	2R	18724182	18823332
CH321-18G01	CHORI-321	2L	18864233	18949004
CH321-18G11	CHORI-321	X	11138112	11230945
CH321-18G19	CHORI-321	3R	15130721	15212226

CH321-18G21	CHORI-321	3L	14320672	14407352
CH321-18H01	CHORI-321	2L	7620412	7707870
CH321-18H02	CHORI-321	3L	12690437	12779710
CH321-18H04	CHORI-321	2L	13411284	13497241
CH321-18H07	CHORI-321	2R	13521313	13603576
CH321-18H11	CHORI-321	3R	1837545	1946109
CH321-18I01	CHORI-321	3L	2785080	2867841
CH321-18I03	CHORI-321	X	12443231	12548703
CH321-18I04	CHORI-321	3L	5186979	5292335
CH321-18I07	CHORI-321	2L	15756848	15854013
CH321-18I13	CHORI-321	3L	14003495	14090130
CH321-18J06	CHORI-321	3L	3092902	3186886
CH321-18J07	CHORI-321	2R	10602536	10695240
CH321-18K02	CHORI-321	X	16333304	16431557
CH321-18K03	CHORI-321	X	10556240	10655943
CH321-18K04	CHORI-321	X	1583702	1672800
CH321-18L05	CHORI-321	X	18942766	19032448
CH321-18L08	CHORI-321	2R	19645237	19756424
CH321-18M03	CHORI-321	3L	3813214	3902994
CH321-18M08	CHORI-321	3R	7243722	7328360
CH321-18M10	CHORI-321	3L	7761055	7846666
CH321-18M19	CHORI-321	2R	15731138	15796607
CH321-18N01	CHORI-321	2R	15898509	15979576
CH321-18N02	CHORI-321	X	15700213	15783521
CH321-18N04	CHORI-321	X	10898831	10966840
CH321-18N05	CHORI-321	2R	4878202	4967672
CH321-18N08	CHORI-321	3L	10910439	11001437
CH321-18N09	CHORI-321	2R	3522242	3625234
CH321-18N24	CHORI-321	2L	15034222	15116574
CH321-18O03	CHORI-321	3L	7944084	8039613
CH321-18O05	CHORI-321	X	20799010	20888087
CH321-18O07	CHORI-321	2R	9945750	10036221
CH321-18O13	CHORI-321	X	10129184	10225108
CH321-18O22	CHORI-321	3R	993190	1075650
CH321-18O24	CHORI-321	3L	5372405	5447178
CH321-18P02	CHORI-321	X	12141230	12223254
CH321-18P04	CHORI-321	2L	16343324	16443637
CH321-18P10	CHORI-321	3R	13686725	13770818
CH321-18P13	CHORI-321	2L	17811038	17910802
CH321-18P14	CHORI-321	2L	10230150	10321179
CH321-18P16	CHORI-321	3R	2700620	2798457
CH321-21A04	CHORI-321	2L	17605545	17657464
CH321-21A10	CHORI-321	3L	3485487	3554313
CH321-21A15	CHORI-321	3R	22455889	22539584
CH321-21A17	CHORI-321	ArmU	1267972	1361480
CH321-21A19	CHORI-321	2R	623481	705109
CH321-21A20	CHORI-321	3L	22361065	22466320
CH321-21A21	CHORI-321	3R	12527060	12604781
CH321-21A23	CHORI-321	3L	11397790	11480452
CH321-21A24	CHORI-321	2R	11977690	12078011
CH321-21B02	CHORI-321	X	16437023	16522070
CH321-21B03	CHORI-321	3L	17994949	18078171
CH321-21B05	CHORI-321	3L	23820655	23906639
CH321-21B06	CHORI-321	2R	4327061	4418944

CH321-21B07	CHORI-321	2L	19538493	19583583
CH321-21B08	CHORI-321	2R	9760284	9850679
CH321-21B09	CHORI-321	3R	4672523	4764580
CH321-21B10	CHORI-321	3L	20841840	20946834
CH321-21B11	CHORI-321	3L	21994360	22082224
CH321-21B12	CHORI-321	3L	5156845	5248089
CH321-21B13	CHORI-321	X	2986274	3042831
CH321-21B15	CHORI-321	2R	6908946	7016050
CH321-21B17	CHORI-321	2L	3213227	3301221
CH321-21B23	CHORI-321	2L	6277110	6365729
CH321-21C01	CHORI-321	X	18587780	18688177
CH321-21C02	CHORI-321	2L	8137170	8226001
CH321-21C05	CHORI-321	2R	129703	218154
CH321-21C09	CHORI-321	3R	11820881	11909577
CH321-21C12	CHORI-321	X	3882916	3984115
CH321-21C14	CHORI-321	2R	4064006	4148389
CH321-21C16	CHORI-321	3R	14103315	14182087
CH321-21C18	CHORI-321	2L	15175967	15256008
CH321-21C23	CHORI-321	3L	3690813	3778549
CH321-21C24	CHORI-321	2L	5272883	5359381
CH321-21D02	CHORI-321	2R	12451328	12544232
CH321-21D03	CHORI-321	3L	22144906	22251845
CH321-21D05	CHORI-321	X	15470222	15575935
CH321-21D07	CHORI-321	X	1783294	1844218
CH321-21D09	CHORI-321	3L	6044952	6129274
CH321-21D10	CHORI-321	X	9251577	9330272
CH321-21D11	CHORI-321	3L	8039698	8126032
CH321-21D16	CHORI-321	2R	17589361	17672248
CH321-21D17	CHORI-321	3L	15107024	15198859
CH321-21D18	CHORI-321	3R	10528905	10619789
CH321-21D19	CHORI-321	2R	7652895	7752080
CH321-21D21	CHORI-321	3L	11806964	11893024
CH321-21D23	CHORI-321	X	9138238	9217068
CH321-21E01	CHORI-321	2R	17980595	18083126
CH321-21E03	CHORI-321	2R	4058321	4130213
CH321-21E04	CHORI-321	3L	1218285	1311460
CH321-21E07	CHORI-321	3L	13162235	13269599
CH321-21E08	CHORI-321	2L	9251857	9339528
CH321-21E10	CHORI-321	2L	12120882	12207676
CH321-21E13	CHORI-321	3R	3246922	3328306
CH321-21E14	CHORI-321	3L	13598862	13686165
CH321-21E15	CHORI-321	X	9575166	9664374
CH321-21E16	CHORI-321	3L	7226777	7315256
CH321-21E17	CHORI-321	3R	11358392	11428628
CH321-21E18	CHORI-321	2L	10522610	10602466
CH321-21E19	CHORI-321	3L	13570017	13645888
CH321-21E23	CHORI-321	3L	7161595	7240947
CH321-21F01	CHORI-321	3L	5899727	5995848
CH321-21F02	CHORI-321	3L	7260649	7344505
CH321-21F03	CHORI-321	3R	22371624	22454317
CH321-21F04	CHORI-321	2L	11545922	11620527
CH321-21F05	CHORI-321	3R	5650922	5737738
CH321-21F06	CHORI-321	3R	10863699	10961063
CH321-21F07	CHORI-321	3L	9626613	9722174

CH321-21F08	CHORI-321	X	2143329	2233817
CH321-21F09	CHORI-321	2L	8106232	8195013
CH321-21F10	CHORI-321	3L	984273	1084215
CH321-21F15	CHORI-321	3L	10052418	10143115
CH321-21F17	CHORI-321	2R	4106041	4201719
CH321-21F18	CHORI-321	4	661767	737301
CH321-21F19	CHORI-321	2L	13051326	13139521
CH321-21F20	CHORI-321	3L	10776892	10867454
CH321-21F21	CHORI-321	2R	3481778	3577352
CH321-21F24	CHORI-321	2R	10768307	10878216
CH321-21G02	CHORI-321	2R	17450672	17496603
CH321-21G03	CHORI-321	X	17361942	17460836
CH321-21G06	CHORI-321	3R	16394630	16487770
CH321-21G07	CHORI-321	X	15269689	15376673
CH321-21G10	CHORI-321	3L	10494284	10572488
CH321-21G13	CHORI-321	2R	3814058	3870817
CH321-21G19	CHORI-321	X	10364000	10466759
CH321-21G20	CHORI-321	X	12800552	12890169
CH321-21H01	CHORI-321	2L	10918415	11010876
CH321-21H03	CHORI-321	2R	9316612	9402161
CH321-21H04	CHORI-321	3L	22771860	22864524
CH321-21H05	CHORI-321	2L	11458678	11546622
CH321-21H07	CHORI-321	2R	18284951	18366950
CH321-21H09	CHORI-321	3R	1837914	1910431
CH321-21H10	CHORI-321	3R	6654087	6695009
CH321-21I01	CHORI-321	X	18421765	18498977
CH321-21I02	CHORI-321	3R	1930003	2033622
CH321-21I03	CHORI-321	3L	13243560	13343647
CH321-21I04	CHORI-321	3L	5341047	5420147
CH321-21I05	CHORI-321	3L	6992526	7074479
CH321-21I06	CHORI-321	3L	10363272	10457763
CH321-21I10	CHORI-321	2L	18009550	18095488
CH321-21I12	CHORI-321	2R	4170097	4257090
CH321-21I13	CHORI-321	3L	12219964	12283370
CH321-21I16	CHORI-321	X	5437116	5520666
CH321-21I20	CHORI-321	3L	4765941	4866982
CH321-21J03	CHORI-321	2L	7617230	7678956
CH321-21J07	CHORI-321	2L	3474019	3566353
CH321-21J13	CHORI-321	3R	18381506	18427208
CH321-21J15	CHORI-321	3L	13629849	13707237
CH321-21J19	CHORI-321	3L	905063	996516
CH321-21J20	CHORI-321	2R	18695632	18783805
CH321-21J21	CHORI-321	2L	16315234	16410962
CH321-21K01	CHORI-321	3R	14008530	14099777
CH321-21K12	CHORI-321	2R	5046264	5129816
CH321-21L03	CHORI-321	3L	10545506	10630694
CH321-21L05	CHORI-321	3R	10197874	10285672
CH321-21L08	CHORI-321	3L	3656145	3733363
CH321-21L09	CHORI-321	2R	10585114	10663153
CH321-21L11	CHORI-321	3R	2473923	2578332
CH321-21L15	CHORI-321	3R	17753140	17844223
CH321-21L18	CHORI-321	2R	8909676	8985705
CH321-21L19	CHORI-321	2L	12326661	12401169
CH321-21M01	CHORI-321	2L	3490691	3588926

CH321-21M04	CHORI-321	2R	8377373	8461942
CH321-21M06	CHORI-321	2L	5206041	5249158
CH321-21M07	CHORI-321	2R	4650574	4757719
CH321-21M12	CHORI-321	3R	15341721	15398303
CH321-21M13	CHORI-321	3R	4404012	4490246
CH321-21M19	CHORI-321	2L	19764522	19848324
CH321-21N01	CHORI-321	2L	8962095	9066327
CH321-21N03	CHORI-321	3R	14987630	15065817
CH321-21N05	CHORI-321	3L	9329915	9414427
CH321-21N09	CHORI-321	3R	13270103	13358010
CH321-21N12	CHORI-321	3L	17114272	17159134
CH321-21N14	CHORI-321	3R	26501049	26553306
CH321-21N21	CHORI-321	3L	2567400	2651506
CH321-21O02	CHORI-321	3R	10726935	10820350
CH321-21O15	CHORI-321	2L	15526375	15614908
CH321-21P02	CHORI-321	X	14182521	14267635
CH321-21P03	CHORI-321	3R	442655	538205
CH321-21P04	CHORI-321	3L	16571568	16668021
CH321-21P06	CHORI-321	3L	1678	108902
CH321-21P10	CHORI-321	2L	19779781	19897663
CH321-21P12	CHORI-321	3L	16209397	16292610
CH321-22A02	CHORI-321	3L	9723734	9809727
CH321-22A03	CHORI-321	2R	13831012	13931905
CH321-22A08	CHORI-321	X	13746038	13819152
CH321-22A09	CHORI-321	3R	24289932	24382633
CH321-22A10	CHORI-321	2R	3790802	3876963
CH321-22A12	CHORI-321	3L	6448811	6550056
CH321-22A14	CHORI-321	2R	3367489	3482230
CH321-22A16	CHORI-321	3L	20385863	20480885
CH321-22A18	CHORI-321	2R	6713904	6808673
CH321-22A20	CHORI-321	2RHet	933349	1009770
CH321-22A21	CHORI-321	X	5592398	5684526
CH321-22A22	CHORI-321	3R	13736159	13815409
CH321-22B01	CHORI-321	3R	11808573	11900169
CH321-22B05	CHORI-321	3L	5141642	5228293
CH321-22B06	CHORI-321	3R	17571059	17681771
CH321-22B08	CHORI-321	2R	9415461	9500664
CH321-22B09	CHORI-321	3R	26211540	26307107
CH321-22B10	CHORI-321	X	732458	826258
CH321-22B11	CHORI-321	2L	5245187	5345740
CH321-22B13	CHORI-321	X	17390250	17475979
CH321-22B14	CHORI-321	3R	2749400	2857829
CH321-22B16	CHORI-321	2L	18754060	18838706
CH321-22B17	CHORI-321	3R	11134568	11233967
CH321-22B18	CHORI-321	2R	8851784	8939892
CH321-22B20	CHORI-321	3R	2204083	2293292
CH321-22B21	CHORI-321	2L	9169898	9250957
CH321-22B22	CHORI-321	2R	12034360	12118812
CH321-22C01	CHORI-321	2L	4577326	4625665
CH321-22C02	CHORI-321	3R	12317972	12418747
CH321-22C03	CHORI-321	3L	14642200	14720430
CH321-22C04	CHORI-321	3RHet	1141732	1230572
CH321-22C05	CHORI-321	3R	13021315	13109740
CH321-22C06	CHORI-321	X	6741613	6821575

CH321-22C08	CHORI-321	3L	18542841	18622331
CH321-22C09	CHORI-321	3R	11861432	11941356
CH321-22C10	CHORI-321	3R	12035532	12131832
CH321-22C11	CHORI-321	3L	2496292	2579520
CH321-22C13	CHORI-321	3L	24379351	24480690
CH321-22C14	CHORI-321	3R	10721277	10824433
CH321-22C15	CHORI-321	3L	12588915	12681556
CH321-22C16	CHORI-321	3R	9036211	9128327
CH321-22C19	CHORI-321	2L	2024666	2128611
CH321-22C21	CHORI-321	3R	4885320	4993499
CH321-22C22	CHORI-321	3L	8493130	8589195
CH321-22C23	CHORI-321	X	14368870	14460989
CH321-22D01	CHORI-321	X	19652058	19744242
CH321-22D02	CHORI-321	2L	14242235	14291981
CH321-22D04	CHORI-321	2R	5479426	5576945
CH321-22D06	CHORI-321	2L	9011348	9106139
CH321-22D07	CHORI-321	3L	4826716	4870709
CH321-22D08	CHORI-321	2R	5605785	5709913
CH321-22D10	CHORI-321	3L	13091874	13185627
CH321-22D12	CHORI-321	2L	16307787	16388869
CH321-22D13	CHORI-321	2R	20562439	20654643
CH321-22D15	CHORI-321	2R	19517168	19611417
CH321-22D16	CHORI-321	3R	6776271	6870837
CH321-22D18	CHORI-321	2L	6264828	6349224
CH321-22D19	CHORI-321	2L	21285526	21375730
CH321-22D20	CHORI-321	3R	9044963	9136902
CH321-22D22	CHORI-321	3R	2831855	2926933
CH321-22D24	CHORI-321	3L	18511266	18594608
CH321-22E01	CHORI-321	X	21910395	21988112
CH321-22E02	CHORI-321	2L	11848586	11938317
CH321-22E04	CHORI-321	2L	10049360	10136819
CH321-22E06	CHORI-321	X	8066575	8169612
CH321-22E08	CHORI-321	3R	21189426	21269172
CH321-22E10	CHORI-321	2L	20622077	20724623
CH321-22E12	CHORI-321	3L	13156361	13227736
CH321-22E15	CHORI-321	2R	17986048	18067201
CH321-22E17	CHORI-321	3R	4233856	4314007
CH321-22E19	CHORI-321	3R	23680347	23756472
CH321-22E20	CHORI-321	2R	14005739	14099718
CH321-22E21	CHORI-321	3L	22909616	22995588
CH321-22E22	CHORI-321	3L	16672439	16779750
CH321-22E23	CHORI-321	2L	7697813	7791229
CH321-22E24	CHORI-321	3R	6407083	6505046
CH321-22F01	CHORI-321	3R	17707578	17796497
CH321-22F03	CHORI-321	2L	20434596	20517583
CH321-22F04	CHORI-321	3L	10742280	10839426
CH321-22F05	CHORI-321	X	2477591	2574980
CH321-22F06	CHORI-321	2RHet	465399	551691
CH321-22F09	CHORI-321	X	5861182	5901365
CH321-22F10	CHORI-321	2R	4687727	4781191
CH321-22F12	CHORI-321	2R	1999282	2078945
CH321-22F13	CHORI-321	3L	15600245	15664855
CH321-22F15	CHORI-321	3RHet	1831078	1893935
CH321-22F16	CHORI-321	3L	3550299	3613489

CH321-22F17	CHORI-321	3L	10786460	10863398
CH321-22F18	CHORI-321	2L	1462473	1558755
CH321-22F19	CHORI-321	2L	15164869	15254214
CH321-22F22	CHORI-321	2L	7611093	7694991
CH321-22F24	CHORI-321	3L	7226777	7302742
CH321-22G01	CHORI-321	2L	1266336	1375820
CH321-22G02	CHORI-321	2L	2882741	2983656
CH321-22G04	CHORI-321	4	1010453	1100134
CH321-22G05	CHORI-321	2R	13466752	13556437
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CH321-22G15	CHORI-321	3L	19353674	19426630
CH321-22G17	CHORI-321	2R	12679714	12761951
CH321-22G18	CHORI-321	2L	3740154	3831650
CH321-22G20	CHORI-321	2R	429025	521402
CH321-22G21	CHORI-321	3R	19174914	19275440
CH321-22G22	CHORI-321	X	21055433	21162261
CH321-22H02	CHORI-321	2L	12794844	12883826
CH321-22H03	CHORI-321	3R	18211637	18279371
CH321-22H04	CHORI-321	2R	15986232	16060095
CH321-22H06	CHORI-321	3R	21361005	21444822
CH321-22H07	CHORI-321	2R	9221538	9309741
CH321-22H08	CHORI-321	3R	21361005	21444822
CH321-22H09	CHORI-321	3R	18439350	18535864
CH321-22H10	CHORI-321	X	1611675	1708555
CH321-22H11	CHORI-321	X	5082281	5159873
CH321-22H13	CHORI-321	3L	18122661	18203570
CH321-22H14	CHORI-321	2L	19184909	19290120
CH321-22H15	CHORI-321	3R	15319784	15394988
CH321-22H17	CHORI-321	3R	24409619	24518088
CH321-22H20	CHORI-321	3L	20325099	20385234
CH321-22I01	CHORI-321	X	4883716	4972748
CH321-22I02	CHORI-321	3R	6289046	6398919
CH321-22I03	CHORI-321	3R	22289757	22380624
CH321-22I07	CHORI-321	3L	12578354	12663178
CH321-22I11	CHORI-321	2R	10126250	10211547
CH321-22I13	CHORI-321	3R	13563480	13651926
CH321-22I15	CHORI-321	3R	433585	493138
CH321-22I16	CHORI-321	X	17266909	17359728
CH321-22I18	CHORI-321	X	13206253	13310684
CH321-22I20	CHORI-321	3L	12590753	12684347
CH321-22I21	CHORI-321	3R	13765751	13873156
CH321-22I22	CHORI-321	3L	46904	140614
CH321-22I23	CHORI-321	3R	9401914	9478575
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CH321-22J03	CHORI-321	3L	100106	182312
CH321-22J04	CHORI-321	3R	18047871	18144182
CH321-22J05	CHORI-321	3L	8565047	8645985
CH321-22J06	CHORI-321	3R	10234013	10328065
CH321-22J07	CHORI-321	2R	7893964	7984358
CH321-22J09	CHORI-321	3R	17985063	18077583
CH321-22J10	CHORI-321	3R	12307276	12413125

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CH321-22J12	CHORI-321	3R	11686021	11776151
CH321-22J13	CHORI-321	2R	4259569	4338946
CH321-22J14	CHORI-321	3L	16619673	16695352
CH321-22J15	CHORI-321	2R	2494343	2582867
CH321-22J18	CHORI-321	2L	10599876	10670730
CH321-22J20	CHORI-321	3R	1221626	1293630
CH321-22J21	CHORI-321	2L	6263034	6343736
CH321-22J22	CHORI-321	3R	22144076	22250573
CH321-22J23	CHORI-321	2R	10242040	10320865
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CH321-22K05	CHORI-321	3L	15067393	15115235
CH321-22K08	CHORI-321	2L	2026896	2129982
CH321-22K11	CHORI-321	2R	7326251	7414512
CH321-22K12	CHORI-321	3R	6496857	6583983
CH321-22K13	CHORI-321	2L	17878462	17974736
CH321-22K16	CHORI-321	3L	18600271	18687740
CH321-22K17	CHORI-321	3R	4504238	4598052
CH321-22K18	CHORI-321	2L	1377778	1461655
CH321-22K19	CHORI-321	X	4991245	5081580
CH321-22K23	CHORI-321	3L	5949609	6030517
CH321-22K24	CHORI-321	2L	10968823	11064306
CH321-22L03	CHORI-321	3R	18045846	18134291
CH321-22L04	CHORI-321	2L	20539486	20642693
CH321-22L05	CHORI-321	3L	17643456	17724856
CH321-22L06	CHORI-321	3LHet	747734	840510
CH321-22L07	CHORI-321	X	16186084	16276576
CH321-22L09	CHORI-321	3L	21455439	21558049
CH321-22L10	CHORI-321	2R	10249854	10333498
CH321-22L12	CHORI-321	3L	10369120	10449330
CH321-22L13	CHORI-321	3RHet	1906926	1975403
CH321-22L14	CHORI-321	2R	18113091	18215825
CH321-22L15	CHORI-321	3R	22151424	22234905
CH321-22L16	CHORI-321	2L	13980183	14073077
CH321-22L21	CHORI-321	X	3539716	3615483
CH321-22L23	CHORI-321	2R	14748066	14798907
CH321-22L24	CHORI-321	3L	4696464	4791872
CH321-22M02	CHORI-321	3L	10510371	10592041
CH321-22M05	CHORI-321	2R	11557282	11637214
CH321-22M06	CHORI-321	2L	961520	1032767
CH321-22M08	CHORI-321	3R	27257988	27369083
CH321-22M09	CHORI-321	2R	1160206	1242249
CH321-22M10	CHORI-321	3L	6197335	6311711
CH321-22M11	CHORI-321	3R	5271339	5346187
CH321-22M12	CHORI-321	3R	3338873	3430426
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CH321-22M15	CHORI-321	2L	11869762	11968170
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CH321-22M21	CHORI-321	3R	5991363	6075094
CH321-22M22	CHORI-321	3R	1387762	1479052
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CH321-22N05	CHORI-321	2R	18003321	18094317
CH321-22N06	CHORI-321	2R	3081089	3189930
CH321-22N07	CHORI-321	3L	15061308	15161946
CH321-22N09	CHORI-321	2R	15018728	15123385
CH321-22N10	CHORI-321	2R	2071368	2147337
CH321-22N11	CHORI-321	3R	21145287	21223668
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CH321-22N18	CHORI-321	2R	8028480	8123479
CH321-22N19	CHORI-321	3R	2715627	2795170
CH321-22N23	CHORI-321	2L	14668864	14762238
CH321-22O02	CHORI-321	3R	3750579	3840349
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CH321-22O04	CHORI-321	3R	22810566	22904787
CH321-22O05	CHORI-321	X	16944497	17037057
CH321-22O06	CHORI-321	3R	4929511	5008568
CH321-22O08	CHORI-321	2R	1374302	1466191
CH321-22O09	CHORI-321	2R	4988540	5074280
CH321-22O12	CHORI-321	3R	17371718	17452701
CH321-22O14	CHORI-321	X	13326241	13417363
CH321-22O16	CHORI-321	3R	25644599	25735504
CH321-22O18	CHORI-321	3L	6748840	6859677
CH321-22O19	CHORI-321	2L	11847987	11933999
CH321-22O22	CHORI-321	2L	12725763	12781909
CH321-22O24	CHORI-321	3R	24397977	24439476
CH321-22P02	CHORI-321	3R	4394467	4478990
CH321-22P06	CHORI-321	2R	3147746	3247118
CH321-22P08	CHORI-321	3L	9866862	9955426
CH321-22P11	CHORI-321	3L	10955553	11044949
CH321-22P14	CHORI-321	3R	24159820	24242922
CH321-23A01	CHORI-321	3R	21399640	21479642
CH321-23A02	CHORI-321	2L	4442532	4517931
CH321-23A03	CHORI-321	3R	12481024	12556254
CH321-23A04	CHORI-321	X	16866577	16963603
CH321-23A05	CHORI-321	2R	17075254	17149305
CH321-23A08	CHORI-321	X	16358446	16443434
CH321-23A10	CHORI-321	3R	17000150	17057834
CH321-23A11	CHORI-321	2L	7114598	7206468
CH321-23A12	CHORI-321	3L	23521545	23606331
CH321-23A14	CHORI-321	2L	16509327	16596352
CH321-23A15	CHORI-321	2R	14920497	15008695
CH321-23A16	CHORI-321	2L	19673768	19780675
CH321-23A17	CHORI-321	2L	2656040	2737619
CH321-23A18	CHORI-321	X	21075677	21170794
CH321-23A19	CHORI-321	2LHet	194583	280544
CH321-23A21	CHORI-321	2R	16952248	17046706
CH321-23A22	CHORI-321	X	2644611	2738512
CH321-23A23	CHORI-321	2L	8107867	8194289
CH321-23B01	CHORI-321	2R	19382249	19478662
CH321-23B03	CHORI-321	X	9026631	9137981
CH321-23B05	CHORI-321	3R	17072783	17181540
CH321-23B06	CHORI-321	X	13572670	13654767

CH321-23B07	CHORI-321	3L	20550939	20633899
CH321-23B09	CHORI-321	2L	6793259	6878821
CH321-23B10	CHORI-321	2L	9644497	9734143
CH321-23B11	CHORI-321	3L	15672971	15768035
CH321-23B12	CHORI-321	2L	3191281	3279412
CH321-23B14	CHORI-321	3R	7638190	7721650
CH321-23B15	CHORI-321	2L	22254064	22343829
CH321-23B16	CHORI-321	3R	19455025	19562659
CH321-23B17	CHORI-321	2R	4368329	4453475
CH321-23B19	CHORI-321	2L	5873614	5970332
CH321-23B21	CHORI-321	3R	24727414	24819390
CH321-23B22	CHORI-321	3R	1708353	1787091
CH321-23B23	CHORI-321	2R	13259727	13359391
CH321-23C04	CHORI-321	3R	12198223	12280874
CH321-23C05	CHORI-321	X	14281687	14380814
CH321-23C06	CHORI-321	2L	1822548	1931004
CH321-23C13	CHORI-321	3R	20415932	20494234
CH321-23C14	CHORI-321	3L	9151696	9235210
CH321-23C16	CHORI-321	3R	4214938	4288782
CH321-23C17	CHORI-321	3R	10228664	10307462
CH321-23C19	CHORI-321	2R	7088469	7139589
CH321-23C21	CHORI-321	3L	4672580	4757382
CH321-23C22	CHORI-321	XHet	47871	147663
CH321-23C23	CHORI-321	3R	17702467	17803957
CH321-23C24	CHORI-321	3R	19461570	19553260
CH321-23D01	CHORI-321	3R	5550073	5638839
CH321-23D07	CHORI-321	2L	11523898	11607606
CH321-23D08	CHORI-321	2R	3873258	3963935
CH321-23D09	CHORI-321	2R	3126830	3218527
CH321-23D12	CHORI-321	2L	15964061	16042009
CH321-23D13	CHORI-321	X	9654101	9738044
CH321-23D16	CHORI-321	3R	17855426	17943877
CH321-23D17	CHORI-321	2L	16037428	16126824
CH321-23D18	CHORI-321	3R	1957396	2038686
CH321-23D19	CHORI-321	2L	2826817	2934477
CH321-23D20	CHORI-321	2L	19231542	19323179
CH321-23D21	CHORI-321	2R	7461709	7556836
CH321-23D24	CHORI-321	2L	4261384	4342133
CH321-23E01	CHORI-321	X	8263187	8352847
CH321-23E02	CHORI-321	3L	14526738	14603106
CH321-23E06	CHORI-321	3R	23194630	23292573
CH321-23E07	CHORI-321	3R	13478141	13567480
CH321-23E11	CHORI-321	3R	6200849	6299037
CH321-23E12	CHORI-321	X	15669227	15748186
CH321-23E13	CHORI-321	2R	19325134	19425173
CH321-23E16	CHORI-321	X	22292953	22377133
CH321-23E17	CHORI-321	2L	7004014	7083312
CH321-23E18	CHORI-321	2R	12034360	12118979
CH321-23E19	CHORI-321	2L	17871266	17967832
CH321-23E20	CHORI-321	3L	6742183	6847429
CH321-23E23	CHORI-321	3LHet	1274649	1360180
CH321-23E24	CHORI-321	3R	11926730	12019091
CH321-23F02	CHORI-321	X	7572074	7660437
CH321-23F04	CHORI-321	3R	20427579	20530330

CH321-23F05	CHORI-321	3R	13255497	13348490
CH321-23F07	CHORI-321	2L	17746445	17812169
CH321-23F08	CHORI-321	2L	10726181	10817892
CH321-23F12	CHORI-321	2R	15811947	15902540
CH321-23F13	CHORI-321	3L	9381335	9474721
CH321-23F15	CHORI-321	3L	20285572	20337273
CH321-23F16	CHORI-321	X	9691114	9771309
CH321-23F17	CHORI-321	3R	5237763	5346459
CH321-23F18	CHORI-321	3R	24258140	24337272
CH321-23F21	CHORI-321	3L	15260392	15344882
CH321-23F22	CHORI-321	3R	18879142	18971606
CH321-23F23	CHORI-321	2L	9254385	9333671
CH321-23G03	CHORI-321	3L	13227866	13311772
CH321-23G04	CHORI-321	X	18563850	18674780
CH321-23G05	CHORI-321	X	11043570	11138115
CH321-23G07	CHORI-321	3L	11593905	11682258
CH321-23G08	CHORI-321	2RHet	400784	491154
CH321-23G09	CHORI-321	3R	6681820	6784572
CH321-23G11	CHORI-321	2L	19098173	19184945
CH321-23G14	CHORI-321	X	2564781	2666413
CH321-23G16	CHORI-321	3R	6134665	6235169
CH321-23G18	CHORI-321	2R	8421843	8505723
CH321-23G19	CHORI-321	2R	7116854	7208336
CH321-23G20	CHORI-321	2L	17971009	18051556
CH321-23G21	CHORI-321	2R	16553970	16646506
CH321-23H01	CHORI-321	3L	21410646	21493713
CH321-23H02	CHORI-321	2L	7447516	7521109
CH321-23H03	CHORI-321	2R	1037125	1135015
CH321-23H04	CHORI-321	2R	3888062	3986984
CH321-23H05	CHORI-321	3L	16923726	17018826
CH321-23H08	CHORI-321	3R	2558749	2651251
CH321-23H09	CHORI-321	X	13980844	14071970
CH321-23H11	CHORI-321	3R	4072342	4162380
CH321-23H12	CHORI-321	3R	23132284	23180531
CH321-23H15	CHORI-321	2R	3332409	3422153
CH321-23H19	CHORI-321	2R	18945626	19031170
CH321-23H21	CHORI-321	3R	6687733	6784222
CH321-23H22	CHORI-321	3L	22289902	22384853
CH321-23I03	CHORI-321	3L	19284206	19380894
CH321-23I04	CHORI-321	X	18021794	18107053
CH321-23I05	CHORI-321	3R	5316307	5404823
CH321-23I07	CHORI-321	X	10053586	10157699
CH321-23I09	CHORI-321	3R	20359210	20451034
CH321-23I10	CHORI-321	3R	26878226	26976395
CH321-23I11	CHORI-321	3R	24437317	24485332
CH321-23I13	CHORI-321	3R	25515407	25625913
CH321-23I14	CHORI-321	3R	10359311	10457006
CH321-23I15	CHORI-321	2R	2379663	2460849
CH321-23I17	CHORI-321	3R	898175	972278
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CH321-23I23	CHORI-321	3R	24731553	24820029
CH321-23I24	CHORI-321	X	6300874	6391868
CH321-23J03	CHORI-321	2R	16531081	16640555
CH321-23J05	CHORI-321	3R	6681820	6784572

CH321-23J07	CHORI-321	3R	13515120	13607289
CH321-23J14	CHORI-321	X	12546479	12639736
CH321-23J15	CHORI-321	2R	15469981	15548756
CH321-23J16	CHORI-321	X	7627834	7705750
CH321-23J17	CHORI-321	X	1417499	1517006
CH321-23J20	CHORI-321	2L	19966412	20059704
CH321-23J22	CHORI-321	3R	9295239	9392207
CH321-23K08	CHORI-321	3L	3933914	4035084
CH321-23K10	CHORI-321	3L	20841840	20928194
CH321-23K11	CHORI-321	2L	10006347	10091487
CH321-23K13	CHORI-321	3R	22519432	22603308
CH321-23K15	CHORI-321	2L	21246797	21327926
CH321-23K18	CHORI-321	2R	6983992	7083191
CH321-23K20	CHORI-321	X	8953354	9037987
CH321-23K23	CHORI-321	3R	24214439	24312070
CH321-23K24	CHORI-321	2R	17875550	17954527
CH321-23L02	CHORI-321	2R	6079816	6166290
CH321-23L04	CHORI-321	2L	3459155	3552496
CH321-23L06	CHORI-321	2R	9464559	9558850
CH321-23L07	CHORI-321	2L	7037369	7120094
CH321-23L10	CHORI-321	3R	5398360	5488735
CH321-23L11	CHORI-321	X	13524941	13604402
CH321-23L12	CHORI-321	3R	2031009	2115649
CH321-23L17	CHORI-321	3L	19814598	19909238
CH321-23L18	CHORI-321	3R	17946765	18019075
CH321-23L19	CHORI-321	3R	12369168	12467428
CH321-23L21	CHORI-321	2R	6225580	6322129
CH321-23L24	CHORI-321	2L	1532753	1631945
CH321-23M02	CHORI-321	2R	16961115	17056681
CH321-23M03	CHORI-321	2R	1756075	1855564
CH321-23M04	CHORI-321	2L	8541457	8620812
CH321-23M07	CHORI-321	3R	16234670	16315495
CH321-23M08	CHORI-321	3L	9278532	9363887
CH321-23M09	CHORI-321	2L	11703912	11788751
CH321-23M10	CHORI-321	3L	5762587	5848023
CH321-23M12	CHORI-321	3L	5858710	5947251
CH321-23M13	CHORI-321	3R	16758954	16850777
CH321-23M14	CHORI-321	X	14853898	14962922
CH321-23M15	CHORI-321	X	20923536	20998501
CH321-23M16	CHORI-321	3L	19159046	19230083
CH321-23M17	CHORI-321	2R	18113091	18214851
CH321-23M19	CHORI-321	3L	2241706	2348562
CH321-23M20	CHORI-321	3L	1666804	1761259
CH321-23M21	CHORI-321	3R	26323391	26407105
CH321-23M22	CHORI-321	2R	4816040	4919774
CH321-23N04	CHORI-321	2L	2883610	2949847
CH321-23N05	CHORI-321	2R	913237	1008784
CH321-23N06	CHORI-321	2L	6259735	6334740
CH321-23N07	CHORI-321	3R	6526712	6618754
CH321-23N10	CHORI-321	3R	2155167	2216289
CH321-23N14	CHORI-321	3L	6709790	6798061
CH321-23N15	CHORI-321	3R	11321241	11416002
CH321-23N16	CHORI-321	2R	18897508	18991137
CH321-23N17	CHORI-321	3R	26196320	26274329

CH321-23N18	CHORI-321	3R	1297740	1379164
CH321-23N19	CHORI-321	3R	14138073	14224014
CH321-23N20	CHORI-321	2L	12452786	12538627
CH321-23N21	CHORI-321	3L	1943885	2048308
CH321-23N22	CHORI-321	2R	17247724	17328348
CH321-23N23	CHORI-321	3L	8295862	8388908
CH321-23O06	CHORI-321	3L	6605128	6703504
CH321-23O07	CHORI-321	2L	8833378	8930404
CH321-23O08	CHORI-321	2L	6890159	6980315
CH321-23O11	CHORI-321	2R	1199491	1283870
CH321-23O13	CHORI-321	2L	13162833	13238209
CH321-23O14	CHORI-321	3L	14766225	14869115
CH321-23O15	CHORI-321	2L	9197085	9292476
CH321-23O17	CHORI-321	3L	10785486	10885201
CH321-23O18	CHORI-321	2L	2399554	2486451
CH321-23O20	CHORI-321	3L	19390480	19471032
CH321-23O21	CHORI-321	3L	23610583	23693581
CH321-23O22	CHORI-321	2R	18499872	18585019
CH321-23O23	CHORI-321	2L	16196958	16283418
CH321-23O24	CHORI-321	X	5742367	5848828
CH321-23P08	CHORI-321	2R	3410459	3519979
CH321-23P11	CHORI-321	2R	14655821	14739618
CH321-23P12	CHORI-321	3R	25417712	25504187
CH321-23P13	CHORI-321	2R	1411934	1504636
CH321-23P14	CHORI-321	2L	10758516	10841222
CH321-23P17	CHORI-321	2R	20268491	20347119
CH321-23P19	CHORI-321	2R	16305671	16400434
CH321-23P20	CHORI-321	2L	1806587	1882255
CH321-23P21	CHORI-321	2L	9427502	9537910
CH321-24A01	CHORI-321	3R	1579732	1673950
CH321-24A02	CHORI-321	2R	1441986	1491769
CH321-24A04	CHORI-321	X	11793013	11867980
CH321-24A05	CHORI-321	3R	9011382	9092375
CH321-24A07	CHORI-321	3L	10977413	11073442
CH321-24A09	CHORI-321	2L	13104781	13186558
CH321-24A11	CHORI-321	3R	23609129	23689527
CH321-24A12	CHORI-321	3R	23304690	23398931
CH321-24A13	CHORI-321	3R	19363970	19412521
CH321-24A15	CHORI-321	2L	16974711	17075628
CH321-24A16	CHORI-321	2R	18298536	18382078
CH321-24A20	CHORI-321	3R	4832510	4929514
CH321-24A21	CHORI-321	2R	9480497	9579846
CH321-24A22	CHORI-321	3R	18595861	18689030
CH321-24A23	CHORI-321	3L	21569423	21650213
CH321-24B02	CHORI-321	X	18581555	18673892
CH321-24B03	CHORI-321	X	5430237	5470992
CH321-24B04	CHORI-321	X	10505098	10610980
CH321-24B05	CHORI-321	ArmU	211992	313638
CH321-24B07	CHORI-321	3L	3521993	3617173
CH321-24B08	CHORI-321	2R	18993036	19077430
CH321-24B09	CHORI-321	2L	9137264	9240760
CH321-24B10	CHORI-321	3L	1222124	1316855
CH321-24B12	CHORI-321	3L	483635	563730
CH321-24B13	CHORI-321	2R	19542425	19651906

CH321-24B15	CHORI-321	2L	17818449	17913136
CH321-24B16	CHORI-321	3R	27088562	27178698
CH321-24B17	CHORI-321	3R	24761625	24847762
CH321-24B18	CHORI-321	X	15805395	15878078
CH321-24B19	CHORI-321	2L	7076816	7158048
CH321-24B20	CHORI-321	3R	9638859	9732651
CH321-24B22	CHORI-321	2L	16881517	16970476
CH321-24B23	CHORI-321	3R	10143235	10246901
CH321-24B24	CHORI-321	2R	10734990	10808422
CH321-24C03	CHORI-321	3R	27688485	27780483
CH321-24C04	CHORI-321	2R	14880174	14968153
CH321-24C05	CHORI-321	X	18925220	19020221
CH321-24C08	CHORI-321	3L	12593114	12689945
CH321-24C11	CHORI-321	3L	7987633	8067516
CH321-24C12	CHORI-321	3R	21310068	21386452
CH321-24C13	CHORI-321	3R	11044378	11143300
CH321-24C14	CHORI-321	X	6249900	6353980
CH321-24C16	CHORI-321	X	13755534	13839835
CH321-24C17	CHORI-321	3L	16450466	16513401
CH321-24C18	CHORI-321	3L	6583867	6677134
CH321-24C22	CHORI-321	3L	23263402	23361320
CH321-24C23	CHORI-321	2L	8717698	8817260
CH321-24C24	CHORI-321	X	7338932	7430042
CH321-24D02	CHORI-321	X	10960843	11070548
CH321-24D03	CHORI-321	2R	4687727	4787040
CH321-24D04	CHORI-321	2L	20769582	20860935
CH321-24D06	CHORI-321	2L	21594122	21676004
CH321-24D07	CHORI-321	3R	26013523	26111164
CH321-24D08	CHORI-321	X	9763072	9859003
CH321-24D12	CHORI-321	3R	6258732	6351013
CH321-24D13	CHORI-321	3R	19623877	19720751
CH321-24D14	CHORI-321	3L	22785322	22873291
CH321-24D16	CHORI-321	2R	3922887	4005602
CH321-24D17	CHORI-321	3R	17379137	17465360
CH321-24D19	CHORI-321	2R	11654625	11740718
CH321-24D20	CHORI-321	2L	11304115	11391763
CH321-24D22	CHORI-321	2L	7610711	7706024
CH321-24D23	CHORI-321	3R	2479444	2569686
CH321-24D24	CHORI-321	3L	11242024	11325216
CH321-24E01	CHORI-321	3R	5301298	5395725
CH321-24E03	CHORI-321	3R	17496971	17588362
CH321-24E04	CHORI-321	3R	4613800	4707501
CH321-24E05	CHORI-321	3R	3994540	4049915
CH321-24E06	CHORI-321	3L	17522556	17620053
CH321-24E07	CHORI-321	3L	19167099	19253874
CH321-24E08	CHORI-321	3L	7412606	7493271
CH321-24E09	CHORI-321	3R	15214238	15298230
CH321-24E10	CHORI-321	X	1920684	2010437
CH321-24E11	CHORI-321	2L	20722844	20829058
CH321-24E15	CHORI-321	3L	4473240	4544939
CH321-24E16	CHORI-321	3R	21333900	21413420
CH321-24E19	CHORI-321	2L	19563552	19647897
CH321-24E21	CHORI-321	2L	3946066	4025519
CH321-24E22	CHORI-321	X	8487651	8579369

CH321-24E24	CHORI-321	X	7100243	7199996
CH321-24F07	CHORI-321	2L	12192650	12272934
CH321-24F08	CHORI-321	2L	16249486	16348460
CH321-24F10	CHORI-321	X	8613409	8656800
CH321-24F11	CHORI-321	2R	17104496	17180133
CH321-24F12	CHORI-321	2L	8547863	8619577
CH321-24F14	CHORI-321	3R	13720592	13800381
CH321-24F15	CHORI-321	3L	15281540	15356381
CH321-24F18	CHORI-321	3R	27649704	27759942
CH321-24F19	CHORI-321	X	2189174	2269907
CH321-24F20	CHORI-321	3L	13410079	13496422
CH321-24F22	CHORI-321	2L	3974998	4068453
CH321-24F24	CHORI-321	X	15809390	15891764
CH321-24G02	CHORI-321	3R	8790247	8872416
CH321-24G03	CHORI-321	3L	12354416	12435246
CH321-24G07	CHORI-321	2R	17331873	17429400
CH321-24G08	CHORI-321	2R	3704344	3781168
CH321-24G09	CHORI-321	3R	22021263	22131836
CH321-24G10	CHORI-321	3L	20792316	20898395
CH321-24G11	CHORI-321	3L	22906281	22991854
CH321-24G14	CHORI-321	X	17224278	17298629
CH321-24G16	CHORI-321	3L	8658525	8733772
CH321-24G17	CHORI-321	3L	11705103	11787569
CH321-24G18	CHORI-321	3R	20366435	20462614
CH321-24G20	CHORI-321	X	15790057	15872758
CH321-24G22	CHORI-321	2L	6396738	6495438
CH321-24G23	CHORI-321	3L	3929122	4014966
CH321-24G24	CHORI-321	X	15219510	15314098
CH321-24H03	CHORI-321	2R	14732698	14819567
CH321-24H05	CHORI-321	2L	17854676	17968823
CH321-24H06	CHORI-321	2L	1799089	1883903
CH321-24H07	CHORI-321	3L	992962	1078993
CH321-24H09	CHORI-321	3R	20404665	20486956
CH321-24H10	CHORI-321	3R	18441197	18541427
CH321-24H11	CHORI-321	3L	3771086	3857800
CH321-24H12	CHORI-321	2R	11110104	11192517
CH321-24H13	CHORI-321	2L	22660752	22745568
CH321-24H15	CHORI-321	2L	20067683	20167863
CH321-24H19	CHORI-321	2R	19662739	19743104
CH321-24H21	CHORI-321	3R	4596567	4695465
CH321-24H22	CHORI-321	3R	10135620	10229334
CH321-24I03	CHORI-321	3R	10933862	11020494
CH321-24I04	CHORI-321	2L	20837682	20932360
CH321-24I07	CHORI-321	3L	16190416	16282748
CH321-24I09	CHORI-321	3L	15406042	15480915
CH321-24I11	CHORI-321	2R	9181846	9274986
CH321-24I12	CHORI-321	2R	11437749	11532018
CH321-24I13	CHORI-321	3R	9847921	9949127
CH321-24I14	CHORI-321	3L	7252587	7344505
CH321-24I16	CHORI-321	2R	6441197	6529862
CH321-24I17	CHORI-321	3R	5090876	5189058
CH321-24I20	CHORI-321	2L	18467141	18548089
CH321-24I21	CHORI-321	3R	2883295	2973822
CH321-24I23	CHORI-321	3R	22617576	22703961

CH321-24I24	CHORI-321	2L	16668530	16765982
CH321-24J03	CHORI-321	3R	14131306	14220014
CH321-24J04	CHORI-321	2L	2584116	2690536
CH321-24J05	CHORI-321	2R	8891242	8974589
CH321-24J06	CHORI-321	2R	16310630	16400442
CH321-24J07	CHORI-321	2L	6733320	6841438
CH321-24J15	CHORI-321	3L	10706861	10803493
CH321-24J16	CHORI-321	3R	3575087	3671145
CH321-24J18	CHORI-321	2L	16088581	16173224
CH321-24J19	CHORI-321	2L	22534936	22611992
CH321-24J22	CHORI-321	2L	12090683	12166950
CH321-24J23	CHORI-321	3R	9218870	9311194
CH321-24J24	CHORI-321	3R	9118442	9236296
CH321-24K03	CHORI-321	3R	27671600	27774201
CH321-24K05	CHORI-321	3R	7640376	7722607
CH321-24K07	CHORI-321	3R	11093916	11186657
CH321-24K08	CHORI-321	3L	15593177	15675668
CH321-24K09	CHORI-321	3L	24098442	24170960
CH321-24K10	CHORI-321	2L	717860	807116
CH321-24K11	CHORI-321	3L	22531318	22605310
CH321-24K12	CHORI-321	3R	6700629	6787512
CH321-24K13	CHORI-321	3R	26040885	26135249
CH321-24K14	CHORI-321	3R	4251171	4348881
CH321-24K16	CHORI-321	X	16600519	16688110
CH321-24K17	CHORI-321	3R	10143025	10226832
CH321-24K18	CHORI-321	3L	6840337	6923021
CH321-24K19	CHORI-321	2L	16189065	16283413
CH321-24K20	CHORI-321	X	12713705	12812385
CH321-24K21	CHORI-321	3L	2981954	3057443
CH321-24K22	CHORI-321	3L	3404447	3484307
CH321-24L04	CHORI-321	3L	22154351	22252621
CH321-24L07	CHORI-321	3L	8627669	8708711
CH321-24L08	CHORI-321	2L	10495880	10589809
CH321-24L11	CHORI-321	3R	15326843	15422160
CH321-24L13	CHORI-321	2L	16560269	16658838
CH321-24L17	CHORI-321	2L	13607323	13702773
CH321-24L18	CHORI-321	2R	16519911	16613036
CH321-24L19	CHORI-321	2R	18238737	18326918
CH321-24L20	CHORI-321	2R	20676270	20759921
CH321-24L21	CHORI-321	3L	19333083	19417342
CH321-24L23	CHORI-321	3R	4870056	4962310
CH321-24L24	CHORI-321	X	9465692	9554972
CH321-24M04	CHORI-321	2L	12709816	12813399
CH321-24M06	CHORI-321	X	20409750	20503201
CH321-24M07	CHORI-321	2L	10027254	10123751
CH321-24M10	CHORI-321	X	21298584	21353558
CH321-24M15	CHORI-321	3RHet	1484212	1582048
CH321-24M16	CHORI-321	3R	23032819	23112747
CH321-24M17	CHORI-321	3R	24858060	24951498
CH321-24M18	CHORI-321	3L	11301149	11396666
CH321-24M19	CHORI-321	2R	8267851	8355748
CH321-24M20	CHORI-321	3R	4948199	5006164
CH321-24M21	CHORI-321	3R	15387171	15464978
CH321-24M22	CHORI-321	X	7689540	7771583

CH321-24M23	CHORI-321	2R	13733382	13820362
CH321-24M24	CHORI-321	X	7947324	8045669
CH321-24N07	CHORI-321	3R	16505728	16591124
CH321-24N08	CHORI-321	X	5687988	5769493
CH321-24N13	CHORI-321	3L	12847732	12921893
CH321-24N15	CHORI-321	3R	17257224	17336445
CH321-24N16	CHORI-321	X	5669300	5756682
CH321-24N17	CHORI-321	2L	14516584	14601638
CH321-24N18	CHORI-321	4	614924	716688
CH321-24O03	CHORI-321	3L	4535779	4593862
CH321-24O05	CHORI-321	X	16625906	16722004
CH321-24O06	CHORI-321	3R	6507354	6549759
CH321-24O08	CHORI-321	3L	3444509	3544901
CH321-24O12	CHORI-321	3LHet	174148	270937
CH321-24O14	CHORI-321	3R	24240220	24322187
CH321-24O15	CHORI-321	2L	11089278	11177938
CH321-24O17	CHORI-321	3R	12692530	12794430
CH321-24O21	CHORI-321	3L	23265066	23343927
CH321-24O23	CHORI-321	3L	18105057	18188183
CH321-24P07	CHORI-321	3L	18585769	18671359
CH321-24P16	CHORI-321	X	9159507	9253058
CH321-24P19	CHORI-321	3R	25728844	25826399
CH321-25A01	CHORI-321	2L	299337	383972
CH321-25A03	CHORI-321	2R	8082404	8164930
CH321-25A04	CHORI-321	2R	3823213	3908909
CH321-25A06	CHORI-321	2L	5057938	5143658
CH321-25A07	CHORI-321	2R	19909807	19996342
CH321-25A08	CHORI-321	2R	4875156	4973434
CH321-25A09	CHORI-321	2L	10758255	10845185
CH321-25A11	CHORI-321	X	12397877	12466785
CH321-25A12	CHORI-321	2L	19460670	19539256
CH321-25A13	CHORI-321	X	5020037	5119944
CH321-25A14	CHORI-321	X	20577938	20662305
CH321-25A15	CHORI-321	3R	4993261	5072755
CH321-25A16	CHORI-321	3L	11006690	11088725
CH321-25A18	CHORI-321	3R	12629046	12718314
CH321-25A19	CHORI-321	3L	2520490	2592905
CH321-25A20	CHORI-321	2L	15487797	15575832
CH321-25A23	CHORI-321	2L	6038118	6126343
CH321-25B01	CHORI-321	2R	6733640	6832812
CH321-25B03	CHORI-321	X	5835221	5925573
CH321-25B04	CHORI-321	3R	25192364	25277448
CH321-25B06	CHORI-321	3L	7964184	8062310
CH321-25B07	CHORI-321	2R	9501425	9589754
CH321-25B08	CHORI-321	3L	383839	463544
CH321-25B11	CHORI-321	2L	10491721	10543910
CH321-25B16	CHORI-321	2L	1508728	1601460
CH321-25B17	CHORI-321	3L	15989537	16088273
CH321-25B18	CHORI-321	3L	1627323	1717363
CH321-25B19	CHORI-321	2L	10230280	10308842
CH321-25B21	CHORI-321	2R	2701453	2797834
CH321-25B23	CHORI-321	2L	12095848	12172261
CH321-25C05	CHORI-321	3L	12535302	12588008
CH321-25C08	CHORI-321	3R	15641994	15753852

CH321-25C09	CHORI-321	2R	3263554	3357140
CH321-25C11	CHORI-321	3R	15226169	15311687
CH321-25C12	CHORI-321	3LHet	2311938	2409160
CH321-25C14	CHORI-321	X	16759183	16846171
CH321-25C15	CHORI-321	2L	6495657	6574719
CH321-25C16	CHORI-321	2L	6795842	6868341
CH321-25C18	CHORI-321	3LHet	1594857	1698046
CH321-25C19	CHORI-321	2R	20287860	20377367
CH321-25C20	CHORI-321	3RHet	1445008	1541762
CH321-25C22	CHORI-321	3R	7124735	7217324
CH321-25C24	CHORI-321	3R	17201506	17281137
CH321-25D03	CHORI-321	3R	10123493	10223218
CH321-25D06	CHORI-321	2L	9118296	9215645
CH321-25D09	CHORI-321	2R	5912918	6002602
CH321-25D10	CHORI-321	3R	25259091	25337100
CH321-25D11	CHORI-321	3L	4915801	5015733
CH321-25D14	CHORI-321	2R	8189545	8276339
CH321-25D16	CHORI-321	3L	9684502	9774654
CH321-25D17	CHORI-321	X	2692983	2786366
CH321-25D19	CHORI-321	2R	1247007	1312043
CH321-25D20	CHORI-321	X	9132271	9217888
CH321-25D21	CHORI-321	3L	6262453	6348636
CH321-25D22	CHORI-321	2R	8319218	8414018
CH321-25E02	CHORI-321	3R	7615678	7707962
CH321-25E03	CHORI-321	3R	15230969	15303735
CH321-25E04	CHORI-321	2L	598504	682922
CH321-25E06	CHORI-321	3R	1469695	1572342
CH321-25E07	CHORI-321	3R	12171024	12246299
CH321-25E10	CHORI-321	3R	22549655	22641611
CH321-25E12	CHORI-321	2R	685367	768980
CH321-25E13	CHORI-321	X	14801697	14903104
CH321-25E14	CHORI-321	2L	14179323	14275744
CH321-25E16	CHORI-321	3R	1602621	1703976
CH321-25E17	CHORI-321	2L	21502626	21544366
CH321-25E18	CHORI-321	2R	6203723	6297903
CH321-25E19	CHORI-321	3L	10524635	10614395
CH321-25E21	CHORI-321	3L	6960703	7039914
CH321-25E22	CHORI-321	2R	8046013	8127020
CH321-25E24	CHORI-321	2RHet	2347564	2439024
CH321-25F02	CHORI-321	3L	5780929	5858105
CH321-25F03	CHORI-321	3L	10458610	10563630
CH321-25F04	CHORI-321	2R	11239146	11330388
CH321-25F05	CHORI-321	2L	17460399	17556501
CH321-25F06	CHORI-321	2L	11602294	11695777
CH321-25F07	CHORI-321	ArmU	1090262	1185330
CH321-25F08	CHORI-321	2R	17880961	17962336
CH321-25F09	CHORI-321	X	10492960	10576464
CH321-25F10	CHORI-321	3L	5343573	5444521
CH321-25F15	CHORI-321	3L	8831845	8923497
CH321-25F16	CHORI-321	2R	16918072	17011357
CH321-25F21	CHORI-321	X	9611509	9698274
CH321-25F22	CHORI-321	3R	9262226	9367342
CH321-25G03	CHORI-321	2R	6962727	7057309
CH321-25G04	CHORI-321	3R	13613243	13710526

CH321-25G06	CHORI-321	2R	13165063	13251748
CH321-25G07	CHORI-321	X	7349873	7430042
CH321-25G08	CHORI-321	2L	21216226	21299143
CH321-25G09	CHORI-321	3R	26506844	26592325
CH321-25G10	CHORI-321	2R	1936475	2011979
CH321-25G13	CHORI-321	3R	7859296	7962170
CH321-25G14	CHORI-321	2R	4025211	4117496
CH321-25G15	CHORI-321	3R	25061800	25131453
CH321-25G16	CHORI-321	3R	14204655	14289695
CH321-25G18	CHORI-321	2R	12250767	12343996
CH321-25G19	CHORI-321	2L	22037597	22130466
CH321-25G20	CHORI-321	X	4134143	4222457
CH321-25G22	CHORI-321	2R	10855279	10926506
CH321-25G23	CHORI-321	2R	16766300	16865404
CH321-25G24	CHORI-321	3L	5993825	6087503
CH321-25H01	CHORI-321	3L	15817704	15894176
CH321-25H02	CHORI-321	X	6220310	6308028
CH321-25H03	CHORI-321	3R	15428947	15521048
CH321-25H04	CHORI-321	2L	17610461	17690806
CH321-25H05	CHORI-321	X	19348158	19406753
CH321-25H06	CHORI-321	3R	552693	658018
CH321-25H07	CHORI-321	3L	3485164	3598307
CH321-25H08	CHORI-321	3R	18704315	18787268
CH321-25H10	CHORI-321	2L	17657103	17754016
CH321-25H11	CHORI-321	X	18657874	18717131
CH321-25H16	CHORI-321	X	12254188	12330024
CH321-25H18	CHORI-321	2R	15364525	15456266
CH321-25H20	CHORI-321	2R	20298626	20381468
CH321-25H21	CHORI-321	3R	17864738	17950177
CH321-25H22	CHORI-321	3R	219275	312611
CH321-25H23	CHORI-321	3L	4552263	4642666
CH321-25I03	CHORI-321	3L	17488015	17583629
CH321-25I04	CHORI-321	3L	10604550	10707469
CH321-25I05	CHORI-321	2L	19393689	19486318
CH321-25I07	CHORI-321	2L	20545951	20652930
CH321-25I08	CHORI-321	3R	8944321	9035408
CH321-25I09	CHORI-321	X	2425091	2520841
CH321-25I11	CHORI-321	2R	5518114	5588985
CH321-25I16	CHORI-321	3R	11092223	11180150
CH321-25I18	CHORI-321	3L	4909341	4990269
CH321-25I22	CHORI-321	3R	8130195	8220437
CH321-25I23	CHORI-321	3R	14472563	14571044
CH321-25J04	CHORI-321	2R	2688371	2741837
CH321-25J05	CHORI-321	X	9791374	9866309
CH321-25J06	CHORI-321	2R	17855334	17941385
CH321-25J08	CHORI-321	2L	15125927	15217390
CH321-25J09	CHORI-321	2R	3596644	3686611
CH321-25J11	CHORI-321	3R	6375890	6484206
CH321-25J12	CHORI-321	2L	13781943	13869409
CH321-25J14	CHORI-321	3L	10430782	10515186
CH321-25J15	CHORI-321	3R	22994084	23083880
CH321-25J17	CHORI-321	2L	3874483	3973272
CH321-25J18	CHORI-321	3L	4136461	4227685
CH321-25J20	CHORI-321	2L	16258273	16355018

CH321-25J22	CHORI-321	X	2736811	2808292
CH321-25J24	CHORI-321	3R	24408203	24497044
CH321-25K03	CHORI-321	X	15094315	15185062
CH321-25K05	CHORI-321	2L	17463663	17568971
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CH321-25K08	CHORI-321	3R	7509783	7614046
CH321-25K09	CHORI-321	3L	2284874	2367782
CH321-25K10	CHORI-321	2L	18879645	18963506
CH321-25K11	CHORI-321	2L	1124158	1220007
CH321-25K12	CHORI-321	3L	17332508	17413762
CH321-25K14	CHORI-321	2L	17657974	17747027
CH321-25K15	CHORI-321	2L	17115638	17182429
CH321-25K16	CHORI-321	2R	18624571	18710054
CH321-25K17	CHORI-321	3L	4614117	4692662
CH321-25K21	CHORI-321	3R	174925	249803
CH321-25K22	CHORI-321	3R	14252806	14361282
CH321-25K24	CHORI-321	2RHet	1256931	1333972
CH321-25L03	CHORI-321	3R	23590590	23692400
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CH321-25L06	CHORI-321	2R	9280088	9378955
CH321-25L07	CHORI-321	3R	7932905	8035200
CH321-25L09	CHORI-321	3L	17826647	17917266
CH321-25L11	CHORI-321	X	8997274	9079738
CH321-25L12	CHORI-321	3R	7262851	7361549
CH321-25L13	CHORI-321	2R	20553328	20653501
CH321-25L14	CHORI-321	3R	10237946	10328066
CH321-25L17	CHORI-321	2R	10563679	10651477
CH321-25L21	CHORI-321	2L	11724644	11814446
CH321-25L22	CHORI-321	2R	20333591	20429333
CH321-25L24	CHORI-321	2R	15393811	15490017
CH321-25M02	CHORI-321	3R	12106509	12207158
CH321-25M05	CHORI-321	2L	12257398	12345042
CH321-25M06	CHORI-321	2L	11329050	11404952
CH321-25M08	CHORI-321	3L	9986066	10093792
CH321-25M09	CHORI-321	3R	19604278	19687585
CH321-25M10	CHORI-321	2R	12787738	12895626
CH321-25M11	CHORI-321	2L	2327103	2419350
CH321-25M12	CHORI-321	3R	5887893	5990102
CH321-25M13	CHORI-321	X	4060868	4155190
CH321-25M14	CHORI-321	2R	9576126	9661171
CH321-25M15	CHORI-321	2L	1191338	1281954
CH321-25M16	CHORI-321	3R	4525395	4609513
CH321-25M17	CHORI-321	X	15463770	15547165
CH321-25M18	CHORI-321	X	4572087	4676892
CH321-25M19	CHORI-321	3R	17511735	17610581
CH321-25M22	CHORI-321	3R	13718298	13810243
CH321-25M23	CHORI-321	3R	5196478	5284396
CH321-25N04	CHORI-321	2R	15601507	15663641
CH321-25N05	CHORI-321	3R	17870186	17952120
CH321-25N06	CHORI-321	2L	9228910	9312515
CH321-25N07	CHORI-321	3R	18101228	18199442
CH321-25N08	CHORI-321	X	2388337	2495693
CH321-25N09	CHORI-321	2L	20669838	20755111
CH321-25N10	CHORI-321	3L	3222658	3305114

CH321-25N11	CHORI-321	3L	21118041	21201960
CH321-25N12	CHORI-321	2R	4538872	4623342
CH321-25N13	CHORI-321	2L	14856478	14949396
CH321-25N18	CHORI-321	2R	21065955	21142699
CH321-25N19	CHORI-321	2R	11425806	11505115
CH321-25N20	CHORI-321	3R	17821200	17901458
CH321-25N22	CHORI-321	2L	9079025	9164711
CH321-25O03	CHORI-321	3L	21117956	21199373
CH321-25O08	CHORI-321	2R	2669447	2755982
CH321-25O09	CHORI-321	3L	2718358	2807414
CH321-25O10	CHORI-321	3L	20580127	20670238
CH321-25O12	CHORI-321	3L	2137405	2239741
CH321-25O13	CHORI-321	3L	19740100	19833268
CH321-25O15	CHORI-321	3R	18598297	18686259
CH321-25O16	CHORI-321	2R	9841919	9938593
CH321-25O18	CHORI-321	3L	9575573	9682095
CH321-25O19	CHORI-321	2L	18860242	18948984
CH321-25O21	CHORI-321	2R	12085739	12166061
CH321-25O22	CHORI-321	3L	7009132	7089101
CH321-25O23	CHORI-321	X	19100884	19192924
CH321-25O24	CHORI-321	3L	11017181	11098682
CH321-25P07	CHORI-321	2L	17695870	17787811
CH321-25P08	CHORI-321	3L	18849397	18940873
CH321-25P12	CHORI-321	3L	3478794	3570107
CH321-25P13	CHORI-321	3R	15223456	15303741
CH321-25P16	CHORI-321	2L	4185923	4281056
CH321-25P17	CHORI-321	X	4036157	4129577
CH321-25P18	CHORI-321	3R	21538550	21621661
CH321-25P23	CHORI-321	X	9226649	9323924
CH321-25P24	CHORI-321	2L	5627113	5672430
CH321-26A01	CHORI-321	2R	8686789	8779500
CH321-26A02	CHORI-321	3R	19324954	19411679
CH321-26A03	CHORI-321	2L	5394825	5479785
CH321-26A04	CHORI-321	X	21510806	21590177
CH321-26A06	CHORI-321	2L	12980981	13072102
CH321-26A07	CHORI-321	3R	12714812	12796750
CH321-26A10	CHORI-321	3L	15650968	15755149
CH321-26A12	CHORI-321	X	5290134	5365115
CH321-26A14	CHORI-321	2L	7478973	7557337
CH321-26A15	CHORI-321	2L	12841337	12928049
CH321-26A16	CHORI-321	3L	1525295	1565526
CH321-26A17	CHORI-321	2L	893918	980741
CH321-26A19	CHORI-321	2R	10132551	10207503
CH321-26A20	CHORI-321	3L	17066695	17160174
CH321-26A21	CHORI-321	X	19539096	19581407
CH321-26A22	CHORI-321	3R	21899482	21986522
CH321-26A23	CHORI-321	2R	16806001	16870818
CH321-26A24	CHORI-321	2L	12608512	12705963
CH321-26B03	CHORI-321	X	19949221	20048914
CH321-26B05	CHORI-321	3R	26802678	26894905
CH321-26B06	CHORI-321	3L	14567071	14632969
CH321-26B07	CHORI-321	3R	5271227	5365583
CH321-26B09	CHORI-321	2L	10215911	10303166
CH321-26B11	CHORI-321	2L	10263042	10347198

CH321-26B12	CHORI-321	2L	19747633	19836311
CH321-26B14	CHORI-321	2L	3387655	3459762
CH321-26B15	CHORI-321	3L	1098177	1196613
CH321-26B16	CHORI-321	3R	24829113	24930294
CH321-26B17	CHORI-321	3L	8824197	8904033
CH321-26B21	CHORI-321	2L	18755995	18850867
CH321-26B22	CHORI-321	2R	18962917	19050608
CH321-26C01	CHORI-321	2L	18900440	18997605
CH321-26C06	CHORI-321	3R	19739402	19830696
CH321-26C09	CHORI-321	3R	4792369	4873185
CH321-26C12	CHORI-321	2R	11741220	11829821
CH321-26C16	CHORI-321	2L	12272931	12360745
CH321-26C17	CHORI-321	2L	10740840	10825135
CH321-26C21	CHORI-321	2L	10733601	10846071
CH321-26C22	CHORI-321	3L	4433742	4537408
CH321-26C23	CHORI-321	2L	21083346	21174741
CH321-26C24	CHORI-321	3R	3074360	3142151
CH321-26D01	CHORI-321	3R	16737961	16841384
CH321-26D03	CHORI-321	3R	4029612	4077930
CH321-26D04	CHORI-321	3L	7351724	7445110
CH321-26D05	CHORI-321	3R	1763651	1860331
CH321-26D06	CHORI-321	2R	14125425	14219741
CH321-26D08	CHORI-321	2L	15483249	15585172
CH321-26D15	CHORI-321	3R	12647431	12743791
CH321-26D18	CHORI-321	2L	8163857	8249697
CH321-26D19	CHORI-321	3R	1022820	1131197
CH321-26D24	CHORI-321	2R	16861001	16909815
CH321-26E02	CHORI-321	3R	7003403	7123009
CH321-26E04	CHORI-321	2L	16340872	16410610
CH321-26E07	CHORI-321	3R	25802442	25893383
CH321-26E08	CHORI-321	2L	10241168	10315582
CH321-26E12	CHORI-321	3L	15111601	15208816
CH321-26E14	CHORI-321	X	10521192	10606491
CH321-26E15	CHORI-321	3R	2479152	2558092
CH321-26E19	CHORI-321	X	14725573	14802187
CH321-26E23	CHORI-321	3R	26797211	26876516
CH321-26F01	CHORI-321	3L	4730522	4804162
CH321-26F02	CHORI-321	2R	10237295	10332657
CH321-26F03	CHORI-321	2L	22818018	22900024
CH321-26F06	CHORI-321	X	4727954	4822463
CH321-26F07	CHORI-321	X	5033150	5121090
CH321-26F16	CHORI-321	2L	7190462	7269483
CH321-26F23	CHORI-321	X	10873549	10977564
CH321-26G07	CHORI-321	2RHet	1144776	1256421
CH321-26G08	CHORI-321	2L	18444929	18512043
CH321-26G11	CHORI-321	3L	12048057	12133932
CH321-26G12	CHORI-321	3R	27788747	27885507
CH321-26G16	CHORI-321	2L	7046682	7140154
CH321-26G22	CHORI-321	2R	7199073	7306969
CH321-26G24	CHORI-321	2L	3854928	3940482
CH321-26H01	CHORI-321	2R	18554117	18645791
CH321-26H05	CHORI-321	3R	6313149	6397550
CH321-26H08	CHORI-321	2L	13830961	13910254
CH321-26H10	CHORI-321	3L	19350404	19446207

CH321-26H11	CHORI-321	2R	10662901	10757748
CH321-26H12	CHORI-321	X	14029461	14084587
CH321-26H14	CHORI-321	3L	15630692	15711396
CH321-26H19	CHORI-321	2R	14923302	15001653
CH321-26H21	CHORI-321	X	19965150	20054928
CH321-26H24	CHORI-321	3R	1161562	1252390
CH321-26I01	CHORI-321	3R	3322558	3392313
CH321-26I02	CHORI-321	3L	15812108	15896318
CH321-26I03	CHORI-321	3R	9211711	9300940
CH321-26I07	CHORI-321	3L	8874119	8958059
CH321-26I08	CHORI-321	2L	17872186	17950129
CH321-26I10	CHORI-321	3R	18601029	18718385
CH321-26I13	CHORI-321	3R	25267323	25343638
CH321-26I23	CHORI-321	3L	2802484	2883818
CH321-26I24	CHORI-321	3R	19525745	19631470
CH321-26J01	CHORI-321	3L	15976533	16068911
CH321-26J02	CHORI-321	3R	20597846	20685876
CH321-26J03	CHORI-321	3R	2590071	2672562
CH321-26J06	CHORI-321	3R	24183508	24226857
CH321-26J12	CHORI-321	2R	16445157	16533568
CH321-26J14	CHORI-321	2R	17183643	17265933
CH321-26J21	CHORI-321	3R	313371	402414
CH321-26K01	CHORI-321	X	6772574	6856474
CH321-26K05	CHORI-321	3R	25463625	25549986
CH321-26K09	CHORI-321	X	13248359	13334235
CH321-26K12	CHORI-321	3R	8512984	8595415
CH321-26K13	CHORI-321	2L	1621763	1712742
CH321-26K14	CHORI-321	3L	17903311	17988283
CH321-26K19	CHORI-321	3L	246321	326539
CH321-26K20	CHORI-321	3R	8678997	8762115
CH321-26K24	CHORI-321	3R	15630017	15704259
CH321-26L02	CHORI-321	2L	14309097	14400103
CH321-26L03	CHORI-321	2R	18825461	18915833
CH321-26L04	CHORI-321	2R	17298715	17386265
CH321-26L05	CHORI-321	2L	18671106	18760754
CH321-26L07	CHORI-321	3LHet	2273411	2386916
CH321-26L08	CHORI-321	3R	11360332	11468268
CH321-26L13	CHORI-321	2L	11724734	11830485
CH321-26L14	CHORI-321	3R	3215819	3310638
CH321-26L24	CHORI-321	3L	22854714	22953252
CH321-26M04	CHORI-321	X	6484339	6575128
CH321-26M07	CHORI-321	2L	11833346	11945791
CH321-26M08	CHORI-321	2L	1525500	1616886
CH321-26M10	CHORI-321	X	10492960	10576375
CH321-26M12	CHORI-321	3L	4109761	4187370
CH321-26M15	CHORI-321	X	16852198	16936822
CH321-26M17	CHORI-321	3L	18314592	18397392
CH321-26M21	CHORI-321	3R	10324325	10424334
CH321-26N01	CHORI-321	X	4838580	4926062
CH321-26N03	CHORI-321	2L	18035171	18091586
CH321-26N05	CHORI-321	3L	11999269	12094639
CH321-26N06	CHORI-321	3R	13127179	13236867
CH321-26N08	CHORI-321	3R	4571070	4663729
CH321-26N10	CHORI-321	3R	23216668	23311298

CH321-26N11	CHORI-321	3L	3929849	4019986
CH321-26N12	CHORI-321	3L	622905	708305
CH321-26N14	CHORI-321	X	11629783	11717178
CH321-26N15	CHORI-321	2L	9266726	9359153
CH321-26N16	CHORI-321	2L	17260108	17354417
CH321-26N17	CHORI-321	2R	9633717	9720307
CH321-26N21	CHORI-321	X	5678012	5765082
CH321-26N22	CHORI-321	3L	19322578	19417317
CH321-26N24	CHORI-321	2R	15767795	15819303
CH321-26O02	CHORI-321	3L	6983372	7081647
CH321-26O08	CHORI-321	2R	6152087	6194573
CH321-26O09	CHORI-321	3R	23680439	23759894
CH321-26O10	CHORI-321	3R	10298981	10390173
CH321-26O11	CHORI-321	X	18086363	18165177
CH321-26O13	CHORI-321	3LHet	980008	1076378
CH321-26O15	CHORI-321	2R	17285864	17385048
CH321-26O17	CHORI-321	2R	10458548	10543274
CH321-26O24	CHORI-321	3L	17622048	17709265
CH321-26P02	CHORI-321	X	20849528	20943065
CH321-26P03	CHORI-321	2R	20221186	20312260
CH321-26P04	CHORI-321	X	17679962	17771385
CH321-26P06	CHORI-321	3R	735590	828526
CH321-26P07	CHORI-321	2L	10756951	10853795
CH321-26P08	CHORI-321	X	802022	885529
CH321-26P09	CHORI-321	3RHet	1611220	1703004
CH321-26P13	CHORI-321	3L	12916390	13009836
CH321-26P15	CHORI-321	3R	16959005	17044169
CH321-26P16	CHORI-321	3R	26993346	27089322
CH321-26P19	CHORI-321	X	19285599	19362264
CH321-26P21	CHORI-321	2L	16334645	16440220
CH321-26P23	CHORI-321	3R	3241428	3328475
CH321-28A05	CHORI-321	3R	5398360	5482404
CH321-28A07	CHORI-321	3R	19615317	19697178
CH321-28A08	CHORI-321	3L	9032627	9134343
CH321-28A13	CHORI-321	2L	17313953	17379780
CH321-28A14	CHORI-321	3R	12647553	12753781
CH321-28A15	CHORI-321	X	3409525	3491439
CH321-28A18	CHORI-321	3L	17632982	17751061
CH321-28A21	CHORI-321	X	2756142	2842315
CH321-28A24	CHORI-321	2L	6225249	6320414
CH321-28B03	CHORI-321	3R	17499802	17587030
CH321-28B04	CHORI-321	2RHet	863106	943221
CH321-28B06	CHORI-321	2L	17816262	17871269
CH321-28B07	CHORI-321	3L	20305444	20406878
CH321-28B12	CHORI-321	3R	27405516	27496096
CH321-28B13	CHORI-321	2L	3066127	3172257
CH321-28B14	CHORI-321	3R	4672879	4769264
CH321-28B19	CHORI-321	2L	19764280	19844375
CH321-28B24	CHORI-321	2R	19761230	19854626
CH321-28C03	CHORI-321	X	17255096	17341032
CH321-28C05	CHORI-321	3R	23565842	23653196
CH321-28C06	CHORI-321	3R	9045565	9134709
CH321-28C08	CHORI-321	3L	18398383	18497466
CH321-28C09	CHORI-321	X	13696085	13737535

CH321-28C10	CHORI-321	3L	9976479	10053391
CH321-28C12	CHORI-321	3R	12286189	12368906
CH321-28C17	CHORI-321	2R	17864806	17962495
CH321-28C18	CHORI-321	3R	11418564	11510925
CH321-28C19	CHORI-321	3R	11974371	12079362
CH321-28C20	CHORI-321	3R	12203708	12281340
CH321-28C22	CHORI-321	2RHet	87255	131241
CH321-28C24	CHORI-321	2L	9838841	9927153
CH321-28D03	CHORI-321	3L	2836977	2931769
CH321-28D04	CHORI-321	3L	18948152	19039935
CH321-28D07	CHORI-321	X	7311576	7401746
CH321-28D08	CHORI-321	3R	19032236	19127092
CH321-28D10	CHORI-321	3L	22361028	22447934
CH321-28D11	CHORI-321	3R	26026579	26101851
CH321-28D20	CHORI-321	3L	3409235	3488515
CH321-28D22	CHORI-321	3L	16857756	16932371
CH321-28D23	CHORI-321	3R	11428625	11520532
CH321-28E03	CHORI-321	2L	8095482	8138884
CH321-28E05	CHORI-321	3L	4035081	4133082
CH321-28E07	CHORI-321	2L	14010742	14102336
CH321-28E08	CHORI-321	2L	14197211	14278776
CH321-28E09	CHORI-321	X	17647942	17748449
CH321-28E10	CHORI-321	3L	10786439	10884478
CH321-28E11	CHORI-321	X	8232367	8288399
CH321-28E13	CHORI-321	2R	6312602	6392690
CH321-28E14	CHORI-321	X	11113238	11194956
CH321-28E15	CHORI-321	X	12616346	12701861
CH321-28E17	CHORI-321	2R	9785527	9882842
CH321-28E19	CHORI-321	2R	4372425	4453144
CH321-28E20	CHORI-321	3L	16026748	16120281
CH321-28E21	CHORI-321	2L	5246960	5313930
CH321-28E22	CHORI-321	2R	18637842	18732605
CH321-28E24	CHORI-321	X	6565391	6666975
CH321-28F02	CHORI-321	3R	24740742	24859363
CH321-28F09	CHORI-321	2L	20892363	20985112
CH321-28F11	CHORI-321	3R	124915	203923
CH321-28F15	CHORI-321	2R	11747383	11836870
CH321-28F17	CHORI-321	2L	198321	283784
CH321-28F18	CHORI-321	X	8345702	8401072
CH321-28G05	CHORI-321	2R	15298224	15394625
CH321-28G08	CHORI-321	3R	11080868	11167349
CH321-28G11	CHORI-321	2L	6711299	6807412
CH321-28G13	CHORI-321	2L	10736920	10825135
CH321-28G14	CHORI-321	3R	14656282	14746533
CH321-28G17	CHORI-321	2L	20077118	20172974
CH321-28G19	CHORI-321	3L	1528128	1612666
CH321-28G22	CHORI-321	3R	27229331	27293105
CH321-28G23	CHORI-321	3L	15007088	15090418
CH321-28H01	CHORI-321	2R	8269589	8357950
CH321-28H02	CHORI-321	3L	6185417	6266183
CH321-28H05	CHORI-321	3L	11019736	11098288
CH321-28H07	CHORI-321	3R	11591924	11668806
CH321-28H08	CHORI-321	3L	17628875	17720695
CH321-28H09	CHORI-321	2R	13918395	14013375

CH321-28H10	CHORI-321	3R	9499941	9607171
CH321-28H11	CHORI-321	2R	7047150	7144577
CH321-28H15	CHORI-321	2L	18022433	18098715
CH321-28H24	CHORI-321	2L	14103062	14183222
CH321-28I07	CHORI-321	2R	3726605	3815508
CH321-28I09	CHORI-321	3R	11086328	11193995
CH321-28I11	CHORI-321	3R	2477392	2570605
CH321-28I21	CHORI-321	2R	13178199	13261455
CH321-28I23	CHORI-321	3R	6595011	6675872
CH321-28J02	CHORI-321	3L	18389975	18481320
CH321-28J08	CHORI-321	2R	8270144	8351901
CH321-28J09	CHORI-321	2L	13436688	13525449
CH321-28J10	CHORI-321	3L	20374925	20462729
CH321-28J12	CHORI-321	2L	19867256	19964517
CH321-28J22	CHORI-321	2R	17100662	17196120
CH321-28J23	CHORI-321	2R	8047229	8130741
CH321-28K01	CHORI-321	2R	20333591	20418699
CH321-28K03	CHORI-321	2L	8201045	8275038
CH321-28K12	CHORI-321	2L	6014749	6119007
CH321-28K14	CHORI-321	2R	8833931	8920691
CH321-28K17	CHORI-321	2R	7458260	7532872
CH321-28K18	CHORI-321	3L	8824221	8908842
CH321-28K21	CHORI-321	3R	19821818	19914480
CH321-28K23	CHORI-321	3L	11638213	11724424
CH321-28K24	CHORI-321	2R	11265304	11356669
CH321-28L01	CHORI-321	3R	11862275	11969579
CH321-28L07	CHORI-321	3R	4556020	4647915
CH321-28L14	CHORI-321	3L	4927903	5031916
CH321-28L15	CHORI-321	3R	12149676	12257342
CH321-28L17	CHORI-321	X	20244736	20335940
CH321-28L19	CHORI-321	3R	16160661	16252569
CH321-28M01	CHORI-321	3L	23908257	24004785
CH321-28M02	CHORI-321	3R	4379488	4479083
CH321-28M07	CHORI-321	2L	1175628	1288485
CH321-28M12	CHORI-321	2L	22431470	22529709
CH321-28M13	CHORI-321	2L	13983105	14065207
CH321-28M15	CHORI-321	2R	15875685	15980499
CH321-28M18	CHORI-321	3L	6859784	6951876
CH321-28M20	CHORI-321	3R	18963599	19066623
CH321-28N01	CHORI-321	2R	2191701	2234276
CH321-28N02	CHORI-321	2R	6818171	6927461
CH321-28N05	CHORI-321	3L	20838348	20947420
CH321-28N06	CHORI-321	3L	15664116	15756463
CH321-28N08	CHORI-321	3L	4656665	4753178
CH321-28N12	CHORI-321	3L	19052117	19137791
CH321-28N13	CHORI-321	X	4172588	4261028
CH321-28N22	CHORI-321	2R	11271747	11350200
CH321-28N24	CHORI-321	2R	11271747	11350200
CH321-28O01	CHORI-321	3R	20606129	20690044
CH321-28O02	CHORI-321	2L	9074590	9154740
CH321-28O05	CHORI-321	X	11479381	11590337
CH321-28O07	CHORI-321	2R	1673952	1769587
CH321-28O13	CHORI-321	2L	6543706	6638457
CH321-28O15	CHORI-321	3R	5098927	5200914

CH321-28O16	CHORI-321	2R	4335834	4427290
CH321-28O17	CHORI-321	2R	17276954	17358821
CH321-28O18	CHORI-321	2RHet	2814629	2859676
CH321-28P02	CHORI-321	3L	10507454	10596303
CH321-28P06	CHORI-321	3R	25531399	25634284
CH321-28P07	CHORI-321	X	16203601	16295792
CH321-28P09	CHORI-321	2L	4107951	4205582
CH321-28P12	CHORI-321	2L	13297709	13387637
CH321-28P15	CHORI-321	2L	4562126	4646327
CH321-28P16	CHORI-321	3L	17304758	17397496
CH321-28P17	CHORI-321	3L	24080245	24169724
CH321-28P18	CHORI-321	2R	1816274	1902368
CH321-28P21	CHORI-321	2RHet	3050723	3093874
CH321-28P22	CHORI-321	3L	1035350	1087950
CH321-28P23	CHORI-321	2L	10393352	10469542
CH321-28P24	CHORI-321	2L	6879355	6973299
CH321-29A24	CHORI-321	X	20378507	20458231
CH321-29B02	CHORI-321	2L	1387438	1465654
CH321-29B23	CHORI-321	X	6795119	6885664
CH321-29C03	CHORI-321	3L	874584	962992
CH321-29F07	CHORI-321	3R	21333450	21413420
CH321-29G04	CHORI-321	3R	12286194	12369082
CH321-29O24	CHORI-321	2R	14394482	14492078
CH321-29P23	CHORI-321	X	18815070	18922805
CH321-30A01	CHORI-321	2L	11899774	11976943
CH321-30A05	CHORI-321	2L	3935647	4008979
CH321-30A07	CHORI-321	3R	2348870	2440802
CH321-30A15	CHORI-321	2L	3950178	4018264
CH321-30A16	CHORI-321	3R	24559850	24647556
CH321-30A17	CHORI-321	X	4650591	4743013
CH321-30A18	CHORI-321	3R	10757388	10802934
CH321-30A19	CHORI-321	3L	7226781	7316439
CH321-30A21	CHORI-321	3R	16946793	17057440
CH321-30A23	CHORI-321	3R	17889443	17978370
CH321-30B01	CHORI-321	2R	11248109	11345925
CH321-30B02	CHORI-321	3R	23586651	23694132
CH321-30B03	CHORI-321	X	20497916	20577941
CH321-30B08	CHORI-321	3R	14018098	14094716
CH321-30B10	CHORI-321	2R	9990312	10072708
CH321-30B12	CHORI-321	2L	9425435	9499010
CH321-30B18	CHORI-321	3R	11717232	11804092
CH321-30B21	CHORI-321	3L	1441770	1537911
CH321-30B22	CHORI-321	2R	8081169	8179439
CH321-30B24	CHORI-321	2L	20299274	20401959
CH321-30C01	CHORI-321	X	12002478	12094489
CH321-30C04	CHORI-321	3R	10785956	10830267
CH321-30C10	CHORI-321	2L	12736034	12819765
CH321-30C11	CHORI-321	2R	2083845	2175783
CH321-30C12	CHORI-321	2L	1726185	1824772
CH321-30C14	CHORI-321	2R	11652470	11734551
CH321-30C17	CHORI-321	2L	1996517	2082696
CH321-30C18	CHORI-321	2R	3724253	3815649
CH321-30C19	CHORI-321	3R	2764531	2851093
CH321-30D07	CHORI-321	3R	9885317	9985313

CH321-30D08	CHORI-321	3L	18705685	18794707
CH321-30E07	CHORI-321	X	7794671	7882399
CH321-30E11	CHORI-321	2R	7028726	7117367
CH321-30F01	CHORI-321	3L	6236485	6311600
CH321-30F02	CHORI-321	3R	19400407	19488275
CH321-30F08	CHORI-321	X	11822849	11917063
CH321-30F11	CHORI-321	3L	18761386	18842648
CH321-30F15	CHORI-321	2R	4614952	4711603
CH321-30F16	CHORI-321	2R	17858390	17941374
CH321-30G05	CHORI-321	2R	4252555	4335656
CH321-30G17	CHORI-321	3L	1540318	1643107
CH321-30H07	CHORI-321	X	3106352	3190522
CH321-30H16	CHORI-321	3L	7393909	7509424
CH321-30I04	CHORI-321	3R	4952639	5034888
CH321-30I08	CHORI-321	2L	7511917	7591130
CH321-30I15	CHORI-321	X	15482962	15578182
CH321-30J19	CHORI-321	3L	3270016	3362435
CH321-30K03	CHORI-321	X	18021081	18122754
CH321-30K04	CHORI-321	3L	13967698	14009632
CH321-30K06	CHORI-321	3L	17648981	17743889
CH321-30K23	CHORI-321	3L	21149365	21231945
CH321-30L11	CHORI-321	2L	19587103	19667132
CH321-30L14	CHORI-321	3R	6864339	6958860
CH321-30L15	CHORI-321	X	18595485	18671811
CH321-30L21	CHORI-321	3R	16162264	16245413
CH321-30M04	CHORI-321	2R	7894016	7978923
CH321-30M07	CHORI-321	2L	4306272	4404790
CH321-30M13	CHORI-321	2L	14303597	14398064
CH321-30M15	CHORI-321	2L	16668952	16709811
CH321-30M17	CHORI-321	2R	17324140	17406839
CH321-30M21	CHORI-321	2R	9453574	9549059
CH321-30O02	CHORI-321	2R	5089266	5167654
CH321-30O07	CHORI-321	2L	6389564	6493378
CH321-30O10	CHORI-321	2L	16342723	16442576
CH321-30O13	CHORI-321	2L	19436332	19522708
CH321-30O15	CHORI-321	2L	16212401	16308501
CH321-30O24	CHORI-321	2L	22180526	22266855
CH321-31A10	CHORI-321	3R	14582064	14686811
CH321-31A12	CHORI-321	2L	9861203	9943098
CH321-31A14	CHORI-321	3R	9951907	10047178
CH321-31C17	CHORI-321	XHet	67354	165136
CH321-31G11	CHORI-321	3L	17020403	17124157
CH321-31I21	CHORI-321	3R	510300	598610
CH321-31I22	CHORI-321	3R	10970681	11064114
CH321-31N17	CHORI-321	2L	14225642	14302941
CH321-31O21	CHORI-321	2L	8347227	8424317
CH321-31O24	CHORI-321	3R	1985371	2084502
CH321-31P16	CHORI-321	3R	16450409	16552620
CH321-32A01	CHORI-321	3L	3440197	3544901
CH321-32A02	CHORI-321	2L	2142247	2239014
CH321-32A03	CHORI-321	3R	15759910	15857902
CH321-32A04	CHORI-321	3L	1827974	1916259
CH321-32A05	CHORI-321	2L	12184434	12287171
CH321-32A06	CHORI-321	2R	9556020	9661859

CH321-32A09	CHORI-321	3L	9225300	9304424
CH321-32A13	CHORI-321	2L	17901638	17986907
CH321-32A14	CHORI-321	2L	2086063	2147839
CH321-32A15	CHORI-321	3L	12577631	12659706
CH321-32A17	CHORI-321	2R	13089941	13176976
CH321-32A18	CHORI-321	X	17052706	17144586
CH321-32A21	CHORI-321	2R	7582117	7648952
CH321-32B02	CHORI-321	3L	21683982	21791015
CH321-32B04	CHORI-321	3R	17854136	17933093
CH321-32B05	CHORI-321	3R	10725616	10811739
CH321-32B06	CHORI-321	3L	12192793	12280094
CH321-32B07	CHORI-321	3R	8054511	8152267
CH321-32B11	CHORI-321	2R	18874847	18956525
CH321-32B12	CHORI-321	3L	13066310	13151669
CH321-32B13	CHORI-321	3L	15694100	15785411
CH321-32B19	CHORI-321	2L	9216139	9311676
CH321-32C02	CHORI-321	2R	10846365	10944816
CH321-32C03	CHORI-321	3L	5775860	5858794
CH321-32C04	CHORI-321	2L	11189738	11262761
CH321-32C05	CHORI-321	X	18253837	18345202
CH321-32C08	CHORI-321	2R	16067026	16149582
CH321-32C09	CHORI-321	X	4171748	4274522
CH321-32C12	CHORI-321	X	13988147	14084054
CH321-32C17	CHORI-321	3L	8208210	8307485
CH321-32C19	CHORI-321	2R	12643593	12734193
CH321-32C22	CHORI-321	3R	3319009	3401690
CH321-32D04	CHORI-321	3L	12395768	12478062
CH321-32D05	CHORI-321	X	6380629	6480992
CH321-32D06	CHORI-321	3L	10888607	10966113
CH321-32D08	CHORI-321	3R	11723327	11806848
CH321-32D10	CHORI-321	3L	18105072	18191220
CH321-32D11	CHORI-321	3L	12202468	12304811
CH321-32D13	CHORI-321	3L	21606560	21693908
CH321-32D16	CHORI-321	3R	7903193	7988758
CH321-32D19	CHORI-321	ArmU	69775	157743
CH321-32D22	CHORI-321	2R	20300737	20395324
CH321-32D23	CHORI-321	2L	2449252	2548067
CH321-32E01	CHORI-321	3R	27180446	27263285
CH321-32E03	CHORI-321	3R	10477995	10568980
CH321-32E05	CHORI-321	3L	4447633	4499733
CH321-32E06	CHORI-321	3L	14463351	14547399
CH321-32E08	CHORI-321	2R	19027467	19115461
CH321-32E09	CHORI-321	3R	18497580	18588109
CH321-32E11	CHORI-321	X	15104843	15203920
CH321-32E12	CHORI-321	2L	13027874	13105754
CH321-32E13	CHORI-321	3R	319411	423599
CH321-32E15	CHORI-321	2L	1319918	1436842
CH321-32E16	CHORI-321	2L	8548586	8628476
CH321-32E17	CHORI-321	3R	12482003	12570753
CH321-32E19	CHORI-321	2R	3744160	3795623
CH321-32E20	CHORI-321	3R	20599668	20698398
CH321-32F06	CHORI-321	2L	19197744	19286553
CH321-32F07	CHORI-321	X	14938560	15011255
CH321-32F09	CHORI-321	X	12060910	12146356

CH321-32F12	CHORI-321	2R	13896764	13999583
CH321-32F14	CHORI-321	3L	7810479	7884679
CH321-32F15	CHORI-321	2LHet	168288	251436
CH321-32F16	CHORI-321	2L	12267427	12365969
CH321-32F19	CHORI-321	3R	1897432	1981730
CH321-32F23	CHORI-321	2LHet	33782	132756
CH321-32G01	CHORI-321	3R	14074183	14162889
CH321-32G03	CHORI-321	3R	24726688	24819194
CH321-32G05	CHORI-321	X	612646	707231
CH321-32G06	CHORI-321	3R	15368062	15459457
CH321-32G07	CHORI-321	2L	1526040	1600166
CH321-32G15	CHORI-321	3R	12662799	12753781
CH321-32G17	CHORI-321	2L	3277097	3355479
CH321-32G18	CHORI-321	3R	17409152	17499869
CH321-32G19	CHORI-321	2L	11986206	12076572
CH321-32G22	CHORI-321	3L	1289861	1338337
CH321-32H01	CHORI-321	3R	8133195	8219078
CH321-32H05	CHORI-321	3L	8199189	8279858
CH321-32H07	CHORI-321	2R	14055712	14144323
CH321-32H08	CHORI-321	2L	19891740	19956053
CH321-32H09	CHORI-321	3R	4452455	4543082
CH321-32H15	CHORI-321	2R	5464920	5554613
CH321-32H16	CHORI-321	X	19792101	19877335
CH321-32H20	CHORI-321	2R	16285016	16375816
CH321-32I02	CHORI-321	X	20400388	20473355
CH321-32I04	CHORI-321	2R	9180347	9272020
CH321-32I07	CHORI-321	3L	18674101	18758665
CH321-32I09	CHORI-321	2L	21172459	21223562
CH321-32I11	CHORI-321	3L	5895577	5975538
CH321-32I12	CHORI-321	3L	8527824	8608104
CH321-32I13	CHORI-321	3R	809220	889725
CH321-32I14	CHORI-321	X	21851983	21949796
CH321-32I15	CHORI-321	2R	12666709	12766446
CH321-32I19	CHORI-321	3L	19924262	20005153
CH321-32I20	CHORI-321	2L	17871266	17964614
CH321-32I21	CHORI-321	3R	3398674	3507853
CH321-32J04	CHORI-321	3R	22763936	22848359
CH321-32J08	CHORI-321	3R	10387941	10461755
CH321-32J10	CHORI-321	3R	14381163	14471737
CH321-32J14	CHORI-321	3L	8568618	8659782
CH321-32J16	CHORI-321	3L	4135461	4237118
CH321-32J18	CHORI-321	2R	4163239	4260172
CH321-32J20	CHORI-321	3L	12641457	12726064
CH321-32K01	CHORI-321	2RHet	3118442	3159127
CH321-32K03	CHORI-321	3R	13405825	13498233
CH321-32K08	CHORI-321	3L	20605435	20687730
CH321-32K10	CHORI-321	3L	17423501	17507080
CH321-32K17	CHORI-321	2R	14655806	14748436
CH321-32K18	CHORI-321	2R	17943990	18042649
CH321-32K19	CHORI-321	3L	6702616	6796566
CH321-32K21	CHORI-321	3R	26316700	26407301
CH321-32K23	CHORI-321	X	11965250	12044346
CH321-32L07	CHORI-321	2L	8686779	8771483
CH321-32L10	CHORI-321	3R	24719600	24797947

CH321-32L15	CHORI-321	3L	16005573	16088621
CH321-32L19	CHORI-321	2R	3565740	3651073
CH321-32L21	CHORI-321	2R	15657458	15731457
CH321-32M03	CHORI-321	2L	19543790	19637304
CH321-32M05	CHORI-321	3L	19586011	19687398
CH321-32M07	CHORI-321	3R	8550893	8649289
CH321-32M09	CHORI-321	X	5679985	5769888
CH321-32M10	CHORI-321	3R	8073344	8180416
CH321-32M14	CHORI-321	3R	1034088	1131086
CH321-32M15	CHORI-321	3L	17362496	17460313
CH321-32M16	CHORI-321	X	22244936	22337807
CH321-32M19	CHORI-321	3L	22296107	22390418
CH321-32M20	CHORI-321	2L	7079593	7148402
CH321-32M21	CHORI-321	X	14657188	14746033
CH321-32M23	CHORI-321	3L	13506982	13609436
CH321-32M24	CHORI-321	2L	10092523	10173549
CH321-32N01	CHORI-321	2L	3102051	3178723
CH321-32N05	CHORI-321	3R	12048877	12131998
CH321-32N09	CHORI-321	3R	2590165	2680330
CH321-32N13	CHORI-321	2R	2912759	2999402
CH321-32N17	CHORI-321	3L	2833390	2931769
CH321-32N18	CHORI-321	3L	6253438	6369338
CH321-32N22	CHORI-321	3R	12911715	13006215
CH321-32N23	CHORI-321	2L	3889045	3959343
CH321-32N24	CHORI-321	2L	12172160	12258164
CH321-32O01	CHORI-321	2L	15334670	15415509
CH321-32O02	CHORI-321	3L	22883926	22979437
CH321-32O03	CHORI-321	2L	4349779	4445799
CH321-32O05	CHORI-321	2R	10392862	10488516
CH321-32O06	CHORI-321	2L	4349681	4425540
CH321-32O07	CHORI-321	2L	3526317	3617336
CH321-32O11	CHORI-321	3R	14649779	14735504
CH321-32O12	CHORI-321	3R	15259097	15357102
CH321-32O15	CHORI-321	X	222186	301175
CH321-32O16	CHORI-321	2R	2831975	2913070
CH321-32O17	CHORI-321	3R	12083052	12172816
CH321-32O18	CHORI-321	X	12191932	12270177
CH321-32O20	CHORI-321	3R	20688558	20768800
CH321-32O22	CHORI-321	3L	22810747	22901335
CH321-32O23	CHORI-321	X	3668064	3776288
CH321-32P03	CHORI-321	3R	11944799	12029038
CH321-32P04	CHORI-321	3L	21366339	21449114
CH321-32P06	CHORI-321	3L	22712107	22811028
CH321-32P07	CHORI-321	3L	10352456	10440152
CH321-32P10	CHORI-321	3R	20764592	20871369
CH321-32P11	CHORI-321	2L	2498713	2583797
CH321-32P12	CHORI-321	3L	13720853	13803598
CH321-32P13	CHORI-321	X	16317907	16400494
CH321-32P14	CHORI-321	2RHet	1353338	1455863
CH321-32P17	CHORI-321	3L	5196977	5290858
CH321-32P23	CHORI-321	2L	15630783	15746613
CH321-33A03	CHORI-321	3L	8229550	8337352
CH321-33A07	CHORI-321	X	3741943	3828092
CH321-33A15	CHORI-321	2L	14184815	14259000

CH321-33A17	CHORI-321	2L	8197722	8275038
CH321-33B01	CHORI-321	2R	11458778	11556118
CH321-33B02	CHORI-321	3L	21356731	21428933
CH321-33B05	CHORI-321	3R	12159689	12236404
CH321-33B06	CHORI-321	3R	19643418	19699000
CH321-33B07	CHORI-321	2R	15953380	16026821
CH321-33C09	CHORI-321	2L	14699216	14779264
CH321-33C13	CHORI-321	3R	25349694	25433073
CH321-33C17	CHORI-321	2L	11033085	11118303
CH321-33C19	CHORI-321	2R	5501197	5586690
CH321-33D03	CHORI-321	X	15053046	15138065
CH321-33D04	CHORI-321	X	15108098	15194499
CH321-33D05	CHORI-321	3L	21150267	21238783
CH321-33D08	CHORI-321	2L	18254528	18354527
CH321-33D09	CHORI-321	3L	1765491	1872570
CH321-33D10	CHORI-321	2L	2175557	2265055
CH321-33D23	CHORI-321	2R	17235504	17305687
CH321-33E15	CHORI-321	2L	16446567	16540489
CH321-33E17	CHORI-321	2L	2935543	3028433
CH321-33F13	CHORI-321	3L	4484802	4575425
CH321-33F14	CHORI-321	3L	3026016	3113658
CH321-33F20	CHORI-321	3R	5357425	5433802
CH321-33F21	CHORI-321	2L	20608428	20703643
CH321-33F22	CHORI-321	3L	9888501	9976476
CH321-33F24	CHORI-321	2R	1877279	1980978
CH321-33G09	CHORI-321	3L	112566	198070
CH321-33G15	CHORI-321	2R	8762762	8850113
CH321-33G17	CHORI-321	X	7622953	7702198
CH321-33G21	CHORI-321	2R	1751164	1848433
CH321-33H01	CHORI-321	X	14224730	14316380
CH321-33H12	CHORI-321	X	167730	250751
CH321-33H15	CHORI-321	2R	582758	673052
CH321-33H16	CHORI-321	2R	10252134	10345494
CH321-33H21	CHORI-321	3R	27002141	27074245
CH321-33H23	CHORI-321	2L	1363708	1459645
CH321-33I01	CHORI-321	3R	14741589	14825167
CH321-33I11	CHORI-321	X	10021269	10117768
CH321-33I17	CHORI-321	2L	15917463	16003266
CH321-33J01	CHORI-321	2R	7628490	7714817
CH321-33J14	CHORI-321	3L	9962257	10047750
CH321-33K01	CHORI-321	3R	940170	1033666
CH321-33K03	CHORI-321	3R	27530659	27620541
CH321-33K07	CHORI-321	3R	6264369	6360121
CH321-33L01	CHORI-321	X	9504673	9611241
CH321-33L02	CHORI-321	2R	10834158	10926506
CH321-33L04	CHORI-321	3R	14310668	14386602
CH321-33L22	CHORI-321	3LHet	930876	975280
CH321-33M01	CHORI-321	3L	12490920	12574756
CH321-33M03	CHORI-321	2R	15214558	15292662
CH321-33M13	CHORI-321	3L	934102	1024304
CH321-33M21	CHORI-321	2R	18072743	18143453
CH321-33N01	CHORI-321	2L	11442808	11531922
CH321-33N02	CHORI-321	2L	7047999	7097631
CH321-33N04	CHORI-321	3L	18619194	18705688

CH321-33N05	CHORI-321	2L	5370594	5420422
CH321-33N06	CHORI-321	3L	10179769	10259706
CH321-33N16	CHORI-321	2L	2569803	2657761
CH321-33O01	CHORI-321	3L	10090915	10179569
CH321-33O05	CHORI-321	3L	8857201	8954772
CH321-33O07	CHORI-321	X	2574977	2680469
CH321-33O09	CHORI-321	2R	1157634	1250118
CH321-33O11	CHORI-321	3R	3375046	3469063
CH321-33O15	CHORI-321	3L	15523089	15610449
CH321-33O17	CHORI-321	3R	10840836	10940549
CH321-33O19	CHORI-321	3R	2741973	2824654
CH321-33O23	CHORI-321	X	2155417	2221564
CH321-33P01	CHORI-321	2L	1451289	1551158
CH321-33P02	CHORI-321	3L	10134932	10221587
CH321-33P04	CHORI-321	3L	14607606	14692546
CH321-33P07	CHORI-321	XHet	21461 66083	
CH321-33P08	CHORI-321	3L	12832359	12905553
CH321-33P09	CHORI-321	3L	6086043	6173393
CH321-33P10	CHORI-321	2L	2638526	2727071
CH321-33P11	CHORI-321	3R	13704799	13789384
CH321-33P14	CHORI-321	3R	24927016	25033451
CH321-33P15	CHORI-321	2L	14609758	14704203
CH321-33P17	CHORI-321	X	3894125	3948024
CH321-33P18	CHORI-321	2L	8576427	8663956
CH321-33P19	CHORI-321	3L	21455439	21558049
CH321-33P20	CHORI-321	2L	13125207	13210687
CH321-33P22	CHORI-321	X	9804204	9880124
CH321-33P24	CHORI-321	2L	7609271	7704050
CH321-34A01	CHORI-321	2R	17955711	18046346
CH321-34A02	CHORI-321	2L	12969073	13053666
CH321-34A04	CHORI-321	3R	27083497	27175645
CH321-34A05	CHORI-321	X	9174826	9262577
CH321-34A06	CHORI-321	2R	18975268	19066669
CH321-34A10	CHORI-321	3R	837159	926228
CH321-34A11	CHORI-321	3L	19348599	19430958
CH321-34A12	CHORI-321	2L	1643386	1724649
CH321-34A14	CHORI-321	2L	20518578	20595680
CH321-34A15	CHORI-321	3L	2863711	2955866
CH321-34A16	CHORI-321	3L	14443905	14540308
CH321-34A17	CHORI-321	3L	21910988	22006312
CH321-34A20	CHORI-321	3LHet	721799	807220
CH321-34A23	CHORI-321	X	314142	389387
CH321-34A24	CHORI-321	2L	17085048	17176121
CH321-34B01	CHORI-321	3L	5021327	5106134
CH321-34B02	CHORI-321	3L	3004943	3084476
CH321-34B04	CHORI-321	2L	9861766	9948806
CH321-34B05	CHORI-321	2L	19645526	19752663
CH321-34B08	CHORI-321	2L	1396104	1495282
CH321-34B11	CHORI-321	2L	18008855	18079247
CH321-34B15	CHORI-321	3R	9271271	9365473
CH321-34B19	CHORI-321	3R	17873202	17957928
CH321-34B20	CHORI-321	2L	9941848	10038919
CH321-34B22	CHORI-321	2R	6213599	6309951
CH321-34B24	CHORI-321	2L	7503898	7589239

CH321-34C01	CHORI-321	3R	3123525	3221944
CH321-34C05	CHORI-321	2L	10550479	10643828
CH321-34C18	CHORI-321	2R	353901	434363
CH321-34C21	CHORI-321	3LHet	477132	550281
CH321-34C24	CHORI-321	2L	17782071	17871876
CH321-34D02	CHORI-321	2R	17868741	17951450
CH321-34D04	CHORI-321	2L	10149691	10241247
CH321-34D06	CHORI-321	X	7983846	8048867
CH321-34D10	CHORI-321	3L	5925022	6002798
CH321-34D12	CHORI-321	3R	3953816	4046284
CH321-34D13	CHORI-321	X	13604397	13700035
CH321-34D17	CHORI-321	3L	5367015	5444520
CH321-34D21	CHORI-321	2R	15515503	15609145
CH321-34E02	CHORI-321	3L	21494886	21595936
CH321-34E03	CHORI-321	2L	3848615	3944769
CH321-34E13	CHORI-321	3L	8441456	8535751
CH321-34E14	CHORI-321	3L	3935180	4023669
CH321-34E17	CHORI-321	3R	6884303	6972429
CH321-34E24	CHORI-321	3L	15711267	15803551
CH321-34F01	CHORI-321	3L	1810061	1899850
CH321-34F03	CHORI-321	3L	20615352	20688695
CH321-34F08	CHORI-321	2L	729869	823709
CH321-34F15	CHORI-321	3R	9788496	9873206
CH321-34F17	CHORI-321	3L	23762604	23838609
CH321-34F21	CHORI-321	2R	16192482	16284998
CH321-34F23	CHORI-321	2R	8565266	8656315
CH321-34G02	CHORI-321	X	2515988	2597663
CH321-34G05	CHORI-321	2R	20519398	20606988
CH321-34G09	CHORI-321	2L	13917682	14029294
CH321-34G11	CHORI-321	2L	12496932	12594854
CH321-34G13	CHORI-321	2L	5465960	5561079
CH321-34G18	CHORI-321	3R	6812136	6902958
CH321-34G21	CHORI-321	2L	14657857	14704284
CH321-34H01	CHORI-321	2R	14947672	15011898
CH321-34H02	CHORI-321	2L	11635354	11736989
CH321-34H03	CHORI-321	2R	17740955	17837549
CH321-34H05	CHORI-321	3L	8648564	8731567
CH321-34H06	CHORI-321	3L	1935220	2044651
CH321-34H10	CHORI-321	3L	16621574	16719836
CH321-34H17	CHORI-321	2L	15556838	15645846
CH321-34H18	CHORI-321	3R	27432426	27532783
CH321-34H20	CHORI-321	2R	556779	633167
CH321-34H21	CHORI-321	2R	13264345	13342403
CH321-34I02	CHORI-321	3L	9709300	9810087
CH321-34I05	CHORI-321	2R	274241	358990
CH321-34I09	CHORI-321	3L	16621622	16719902
CH321-34I11	CHORI-321	X	22182485	22271607
CH321-34I12	CHORI-321	2R	17491064	17588611
CH321-34I14	CHORI-321	3L	18899345	18981353
CH321-34I19	CHORI-321	2L	6355099	6429125
CH321-34I20	CHORI-321	3L	8194731	8277012
CH321-34J07	CHORI-321	3R	15132863	15220477
CH321-34J17	CHORI-321	3R	8349929	8436873
CH321-34J18	CHORI-321	2R	7942650	8026069

CH321-34J21	CHORI-321	2L	9701942	9783790
CH321-34K02	CHORI-321	X	7876853	7962120
CH321-34K03	CHORI-321	3L	4079335	4162608
CH321-34K04	CHORI-321	X	11804982	11905440
CH321-34K18	CHORI-321	3R	16935492	17035342
CH321-34K19	CHORI-321	3L	6954457	7019305
CH321-34K23	CHORI-321	X	22044471	22125317
CH321-34M02	CHORI-321	2R	4163941	4271006
CH321-34M05	CHORI-321	2L	19848289	19929302
CH321-34M12	CHORI-321	2L	2866517	2968710
CH321-34N14	CHORI-321	3L	16610997	16709987
CH321-34O02	CHORI-321	2R	532117	578294
CH321-34O04	CHORI-321	X	4874247	4971462
CH321-34O05	CHORI-321	3L	8281750	8381969
CH321-34O06	CHORI-321	2L	20554997	20639528
CH321-34O11	CHORI-321	2L	3098459	3193075
CH321-34O17	CHORI-321	X	9169146	9261693
CH321-34O18	CHORI-321	3L	11957589	12042688
CH321-34O19	CHORI-321	3L	10324267	10416828
CH321-34O22	CHORI-321	3R	14277237	14318503
CH321-34O24	CHORI-321	2R	17086310	17191680
CH321-34P15	CHORI-321	3L	541203	644269
CH321-34P16	CHORI-321	2R	4468777	4545592
CH321-35A04	CHORI-321	2R	2528703	2622247
CH321-35A05	CHORI-321	3R	2469025	2530232
CH321-35A06	CHORI-321	2L	9075521	9160073
CH321-35A08	CHORI-321	2R	16516639	16579783
CH321-35A10	CHORI-321	X	19457711	19548245
CH321-35A12	CHORI-321	2R	14868226	14968153
CH321-35A13	CHORI-321	2L	18222561	18309831
CH321-35A14	CHORI-321	2L	15325060	15411061
CH321-35A16	CHORI-321	2L	10964719	11047772
CH321-35A17	CHORI-321	X	4278856	4377731
CH321-35A18	CHORI-321	3R	10859135	10958300
CH321-35A21	CHORI-321	2R	9446221	9530432
CH321-35A24	CHORI-321	X	21473096	21559180
CH321-35B05	CHORI-321	2L	10588189	10682466
CH321-35B06	CHORI-321	2L	16042006	16134870
CH321-35B07	CHORI-321	X	1660254	1748051
CH321-35B11	CHORI-321	2L	954533	1038057
CH321-35B12	CHORI-321	2R	8339405	8417839
CH321-35B13	CHORI-321	X	3992460	4076310
CH321-35B14	CHORI-321	2R	13484681	13568729
CH321-35B15	CHORI-321	3L	14854782	14943640
CH321-35B16	CHORI-321	3L	10460040	10544014
CH321-35B21	CHORI-321	2L	6396273	6486228
CH321-35B24	CHORI-321	3R	6591757	6672029
CH321-35C01	CHORI-321	3L	2958361	3055850
CH321-35C02	CHORI-321	X	1310608	1408895
CH321-35C04	CHORI-321	3R	14661670	14742625
CH321-35C10	CHORI-321	2R	1545735	1637499
CH321-35C11	CHORI-321	3R	17450606	17526069
CH321-35C14	CHORI-321	3L	17898204	17976297
CH321-35C16	CHORI-321	2L	12407440	12482623

CH321-35C18	CHORI-321	2L	13776081	13867464
CH321-35C19	CHORI-321	2L	17934200	18007326
CH321-35C24	CHORI-321	X	17406146	17481158
CH321-35D03	CHORI-321	X	4030158	4116555
CH321-35D04	CHORI-321	2L	20871736	20961609
CH321-35D05	CHORI-321	X	15017632	15109139
CH321-35D06	CHORI-321	3R	7860721	7938177
CH321-35D08	CHORI-321	X	2119813	2202550
CH321-35D12	CHORI-321	2L	3169730	3253978
CH321-35D14	CHORI-321	3L	5221795	5313652
CH321-35D16	CHORI-321	2R	16969794	17065279
CH321-35D19	CHORI-321	3L	3810981	3881981
CH321-35D20	CHORI-321	2R	11900146	11999634
CH321-35D23	CHORI-321	3L	19137788	19249136
CH321-35E04	CHORI-321	3R	24064324	24169361
CH321-35E07	CHORI-321	2L	21492973	21609852
CH321-35E09	CHORI-321	2L	197870	291031
CH321-35E12	CHORI-321	3L	7730344	7819696
CH321-35E14	CHORI-321	X	8573408	8673592
CH321-35E15	CHORI-321	2L	8530860	8633384
CH321-35E16	CHORI-321	X	679777	770136
CH321-35E19	CHORI-321	2L	12767141	12859678
CH321-35E22	CHORI-321	2R	4141207	4252020
CH321-35E23	CHORI-321	3R	11284460	11370516
CH321-35E24	CHORI-321	3R	14994527	15075749
CH321-35F15	CHORI-321	3L	17994216	18082689
CH321-35F18	CHORI-321	X	787874	867065
CH321-35F19	CHORI-321	4	898219	989095
CH321-35F22	CHORI-321	3L	15820707	15898168
CH321-35G04	CHORI-321	2L	3270043	3350700
CH321-35G09	CHORI-321	3R	4223294	4317733
CH321-35G12	CHORI-321	3R	4891563	4986043
CH321-35G13	CHORI-321	3R	2541411	2628893
CH321-35G14	CHORI-321	X	369870	466995
CH321-35G17	CHORI-321	3L	17064115	17155387
CH321-35G21	CHORI-321	2L	2352333	2452980
CH321-35G22	CHORI-321	3R	11687057	11775074
CH321-35G23	CHORI-321	3L	5011945	5101975
CH321-35G24	CHORI-321	3R	27315591	27416692
CH321-35H05	CHORI-321	2L	14018478	14091332
CH321-35H08	CHORI-321	3L	20751388	20829418
CH321-35H10	CHORI-321	3L	4697417	4790621
CH321-35H12	CHORI-321	3R	12740631	12810298
CH321-35H23	CHORI-321	2R	5591929	5675525
CH321-35H24	CHORI-321	3R	18475514	18561132
CH321-35I01	CHORI-321	3L	16165068	16243086
CH321-35I11	CHORI-321	3R	7623725	7703282
CH321-35I14	CHORI-321	X	9176932	9263106
CH321-35I19	CHORI-321	3L	14276534	14346740
CH321-35J08	CHORI-321	3L	20909402	20988797
CH321-35J09	CHORI-321	2R	14289096	14349058
CH321-35J11	CHORI-321	3R	20947728	21064671
CH321-35J23	CHORI-321	X	12553651	12641008
CH321-35K03	CHORI-321	3L	23418081	23499124

CH321-35K09	CHORI-321	3L	1037566	1113755
CH321-35K11	CHORI-321	3R	598823	684683
CH321-35K17	CHORI-321	3L	19423408	19513427
CH321-35K18	CHORI-321	3LHet	579186	663189
CH321-35K21	CHORI-321	3L	22944670	22997614
CH321-35K23	CHORI-321	3R	5510283	5609925
CH321-35K24	CHORI-321	3R	26148164	26247334
CH321-35L09	CHORI-321	3L	13184669	13273367
CH321-35L10	CHORI-321	3R	26948252	27033761
CH321-35L13	CHORI-321	3L	7394502	7485538
CH321-35L14	CHORI-321	X	4862869	4921810
CH321-35L15	CHORI-321	X	9181164	9259406
CH321-35L20	CHORI-321	2L	14697405	14784053
CH321-35L22	CHORI-321	3R	17233016	17347415
CH321-35L23	CHORI-321	3L	19125294	19220986
CH321-35M01	CHORI-321	2R	6973412	7069152
CH321-35M07	CHORI-321	X	12879273	12977071
CH321-35M08	CHORI-321	2L	4595756	4644389
CH321-35M10	CHORI-321	3L	12184392	12255139
CH321-35M11	CHORI-321	2R	9319877	9406733
CH321-35M18	CHORI-321	2R	10250727	10329576
CH321-35M19	CHORI-321	X	14874244	14959706
CH321-35M23	CHORI-321	2R	7097870	7189949
CH321-35N02	CHORI-321	3L	12928093	13010848
CH321-35N07	CHORI-321	2L	9700338	9786311
CH321-35N17	CHORI-321	2L	7196317	7286376
CH321-35N20	CHORI-321	3L	16663117	16746331
CH321-35N24	CHORI-321	3L	14453172	14548710
CH321-35O01	CHORI-321	3L	5974546	6072195
CH321-35O03	CHORI-321	3LHet	587998	650379
CH321-35O11	CHORI-321	3R	11571176	11678250
CH321-35O13	CHORI-321	3L	16839602	16895547
CH321-35O15	CHORI-321	3L	9630552	9728524
CH321-35O16	CHORI-321	3R	11943123	12043479
CH321-35O21	CHORI-321	2L	12456157	12559400
CH321-35O24	CHORI-321	X	18135633	18218307
CH321-35P01	CHORI-321	X	1534564	1625784
CH321-35P02	CHORI-321	3L	6343652	6428276
CH321-35P03	CHORI-321	2L	6905588	6983719
CH321-35P04	CHORI-321	2R	9187451	9270548
CH321-35P05	CHORI-321	3L	20415719	20506207
CH321-35P06	CHORI-321	2L	19465943	19578939
CH321-35P11	CHORI-321	3R	3368372	3466778
CH321-35P14	CHORI-321	X	2699643	2787148
CH321-35P19	CHORI-321	2R	17420741	17509770
CH321-35P21	CHORI-321	2R	9183985	9273419
CH321-35P23	CHORI-321	2R	11862999	11957341
CH321-36A02	CHORI-321	2L	10782881	10884927
CH321-36A03	CHORI-321	3R	1259175	1332660
CH321-36A05	CHORI-321	3R	10934106	11018732
CH321-36A07	CHORI-321	3R	6845582	6941567
CH321-36A08	CHORI-321	3R	10634497	10677362
CH321-36A17	CHORI-321	3R	11931168	12043479
CH321-36B01	CHORI-321	2L	15262182	15349504

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CH321-36B06	CHORI-321	2R	6297932	6377258
CH321-36B07	CHORI-321	2R	20047455	20128895
CH321-36B09	CHORI-321	ArmU	216196	315043
CH321-36B10	CHORI-321	2L	19874056	19959387
CH321-36B11	CHORI-321	2L	21823587	21897522
CH321-36B18	CHORI-321	3R	16219903	16310221
CH321-36B19	CHORI-321	3R	5131799	5218484
CH321-36B21	CHORI-321	3L	20642591	20722402
CH321-36B23	CHORI-321	X	13066550	13146059
CH321-36C01	CHORI-321	X	499907	583213
CH321-36C03	CHORI-321	2L	1552739	1605563
CH321-36C10	CHORI-321	3R	8569021	8678770
CH321-36C14	CHORI-321	3R	17238129	17290588
CH321-36C17	CHORI-321	3L	23298389	23398618
CH321-36C22	CHORI-321	2L	5728384	5800628
CH321-36D01	CHORI-321	X	17341062	17425476
CH321-36D02	CHORI-321	3R	22072574	22180216
CH321-36D03	CHORI-321	3L	23845101	23947101
CH321-36D06	CHORI-321	3L	10526808	10620796
CH321-36D10	CHORI-321	2L	8401221	8515531
CH321-36D14	CHORI-321	3R	3374818	3464496
CH321-36D16	CHORI-321	3R	19354357	19441892
CH321-36D18	CHORI-321	3R	10715707	10818558
CH321-36D23	CHORI-321	3R	8107889	8220365
CH321-36E02	CHORI-321	2L	12584530	12684925
CH321-36E03	CHORI-321	3L	1851328	1932906
CH321-36E08	CHORI-321	3L	15458294	15539842
CH321-36E10	CHORI-321	2L	20615015	20718209
CH321-36E11	CHORI-321	2R	14793035	14874985
CH321-36E12	CHORI-321	2L	19589313	19666951
CH321-36E14	CHORI-321	2L	14223468	14303597
CH321-36E16	CHORI-321	2L	7408227	7498300
CH321-36E22	CHORI-321	2L	18791752	18834625
CH321-36E23	CHORI-321	2L	9163580	9236545
CH321-36F02	CHORI-321	2L	11292486	11368251
CH321-36F04	CHORI-321	2L	14616673	14705531
CH321-36F09	CHORI-321	2L	18303069	18389038
CH321-36F13	CHORI-321	3R	25577179	25670555
CH321-36F14	CHORI-321	X	12094310	12182929
CH321-36F16	CHORI-321	3R	6119368	6167483
CH321-36F22	CHORI-321	2R	4384839	4486167
CH321-36G03	CHORI-321	2R	13966621	14018092
CH321-36G04	CHORI-321	X	9011823	9103508
CH321-36G05	CHORI-321	3R	18585466	18674908
CH321-36G08	CHORI-321	2R	5693901	5784437
CH321-36G10	CHORI-321	3R	14018515	14115925
CH321-36G12	CHORI-321	2R	17458698	17508401
CH321-36G22	CHORI-321	3L	18616373	18694112
CH321-36G23	CHORI-321	3L	6833829	6929679
CH321-36H01	CHORI-321	2R	14567636	14655863
CH321-36H03	CHORI-321	2R	17611039	17685925
CH321-36H04	CHORI-321	2L	16243657	16335574
CH321-36H05	CHORI-321	3L	4176633	4264944

CH321-36H13	CHORI-321	3L	12197065	12280696
CH321-36H15	CHORI-321	2L	20412212	20494525
CH321-36H18	CHORI-321	2L	2008454	2109897
CH321-36H20	CHORI-321	X	4195848	4281172
CH321-36H22	CHORI-321	2R	15083694	15166097
CH321-36I06	CHORI-321	2L	12572556	12666125
CH321-36I12	CHORI-321	3R	187823	269628
CH321-36I15	CHORI-321	3R	326422	423800
CH321-36I16	CHORI-321	2R	11373960	11460296
CH321-36J01	CHORI-321	2R	20217021	20309293
CH321-36J04	CHORI-321	3R	23376669	23468223
CH321-36J06	CHORI-321	3L	3742912	3817742
CH321-36J08	CHORI-321	3R	2011737	2092971
CH321-36J11	CHORI-321	3L	23609107	23686573
CH321-36J15	CHORI-321	2L	4657101	4751567
CH321-36K01	CHORI-321	2L	20772965	20885720
CH321-36K02	CHORI-321	3R	17868677	17950989
CH321-36K04	CHORI-321	3L	8291180	8381353
CH321-36K11	CHORI-321	3R	14869385	14956503
CH321-36K12	CHORI-321	2R	7497523	7595496
CH321-36K22	CHORI-321	3R	22459098	22552823
CH321-36L01	CHORI-321	2RHet	195105	248808
CH321-36L03	CHORI-321	X	7611366	7691168
CH321-36L07	CHORI-321	2L	7124645	7221475
CH321-36L10	CHORI-321	3R	12485318	12577359
CH321-36L12	CHORI-321	2L	9070780	9162786
CH321-36L13	CHORI-321	3R	21302558	21385360
CH321-36L20	CHORI-321	3R	13411828	13497826
CH321-36M02	CHORI-321	X	9405625	9499426
CH321-36M06	CHORI-321	3R	7884067	7989290
CH321-36M13	CHORI-321	3L	12853387	12915594
CH321-36M18	CHORI-321	2L	8581435	8628476
CH321-36M21	CHORI-321	2L	15929902	16017522
CH321-36N02	CHORI-321	X	12883468	12963605
CH321-36N06	CHORI-321	3R	6284682	6371577
CH321-36N12	CHORI-321	3R	2619485	2695422
CH321-36N15	CHORI-321	3L	7151711	7233978
CH321-36N21	CHORI-321	3R	18335788	18420254
CH321-36O02	CHORI-321	2R	1106227	1174699
CH321-36O04	CHORI-321	3R	25045559	25126695
CH321-36O07	CHORI-321	3L	11973682	12055460
CH321-36O09	CHORI-321	2R	14707997	14797164
CH321-36O10	CHORI-321	2L	14982604	15073102
CH321-36O12	CHORI-321	3R	5645468	5727190
CH321-36O18	CHORI-321	3R	7841552	7927329
CH321-36O19	CHORI-321	3R	24880775	24965387
CH321-36O21	CHORI-321	3R	496453	596245
CH321-36O22	CHORI-321	3R	3881536	3961404
CH321-36P02	CHORI-321	2R	9195885	9284328
CH321-36P03	CHORI-321	2L	6904354	6989395
CH321-36P04	CHORI-321	2L	19958275	20042109
CH321-36P13	CHORI-321	3R	25365897	25446915
CH321-36P16	CHORI-321	2L	3165881	3250858
CH321-36P18	CHORI-321	2L	13000061	13102687

CH321-36P19	CHORI-321	2L	6777207	6869317
CH321-37D12	CHORI-321	2L	3821876	3927632
CH321-37E19	CHORI-321	2R	8907307	9011550
CH321-37H05	CHORI-321	2L	6579277	6657246
CH321-37H07	CHORI-321	3R	24242530	24329246
CH321-37H08	CHORI-321	3R	21368274	21452102
CH321-37J05	CHORI-321	3R	4550354	4628898
CH321-37J21	CHORI-321	3R	7292143	7395119
CH321-37K12	CHORI-321	3L	6097537	6177680
CH321-37K21	CHORI-321	3R	26948321	27033761
CH321-37L14	CHORI-321	X	14379973	14460989
CH321-38A01	CHORI-321	2R	687134	772344
CH321-38A02	CHORI-321	3R	13271559	13364894
CH321-38A03	CHORI-321	3L	12010469	12110755
CH321-38A04	CHORI-321	3L	24257691	24361226
CH321-38A05	CHORI-321	3L	10084033	10194527
CH321-38A07	CHORI-321	3R	20010709	20066757
CH321-38A08	CHORI-321	X	14701101	14802975
CH321-38A11	CHORI-321	4	728475	801804
CH321-38A12	CHORI-321	2L	11851407	11933999
CH321-38A13	CHORI-321	3R	16675073	16756884
CH321-38A14	CHORI-321	2L	10074239	10154115
CH321-38A15	CHORI-321	2L	15524380	15628391
CH321-38A16	CHORI-321	2L	17989134	18082869
CH321-38A18	CHORI-321	3R	23550816	23635239
CH321-38A19	CHORI-321	3R	16732882	16819987
CH321-38A20	CHORI-321	3R	9058349	9165568
CH321-38A22	CHORI-321	3R	492792	596665
CH321-38A23	CHORI-321	2R	16251628	16345878
CH321-38B04	CHORI-321	3L	18129303	18212574
CH321-38B05	CHORI-321	3R	25373549	25482876
CH321-38B06	CHORI-321	3R	11060705	11154358
CH321-38B07	CHORI-321	2R	14862774	14952617
CH321-38B08	CHORI-321	X	14943838	15049464
CH321-38B09	CHORI-321	2L	17519383	17617169
CH321-38B10	CHORI-321	2L	14981579	15064095
CH321-38B15	CHORI-321	2L	19648359	19741132
CH321-38B16	CHORI-321	2RHet	3212653	3271780
CH321-38B18	CHORI-321	X	12966320	13070126
CH321-38B19	CHORI-321	2R	3036662	3142613
CH321-38B20	CHORI-321	3L	11099824	11193093
CH321-38B21	CHORI-321	2L	16347592	16435712
CH321-38B22	CHORI-321	3R	23539523	23619081
CH321-38B23	CHORI-321	2R	6903367	6995401
CH321-38B24	CHORI-321	2L	17313953	17393848
CH321-38C05	CHORI-321	2R	7544440	7631932
CH321-38C11	CHORI-321	3R	5192788	5293411
CH321-38C13	CHORI-321	2L	8045261	8121814
CH321-38C16	CHORI-321	3R	3123852	3210427
CH321-38C23	CHORI-321	2L	9616101	9700341
CH321-38D01	CHORI-321	3L	18330171	18438648
CH321-38D03	CHORI-321	X	11209989	11288935
CH321-38D04	CHORI-321	3R	27759240	27851877
CH321-38D05	CHORI-321	2R	7583908	7694053

CH321-38D06	CHORI-321	X	9382494	9467469
CH321-38D07	CHORI-321	3L	8037436	8119710
CH321-38D08	CHORI-321	3R	22530204	22609701
CH321-38D11	CHORI-321	3R	26790454	26878000
CH321-38D12	CHORI-321	3L	20548866	20634971
CH321-38D16	CHORI-321	3L	22086081	22173379
CH321-38D23	CHORI-321	2R	7042984	7129111
CH321-38D24	CHORI-321	3L	21555563	21639990
CH321-38E01	CHORI-321	3L	21031323	21111579
CH321-38E02	CHORI-321	2L	11456617	11547782
CH321-38E03	CHORI-321	3R	2710675	2804314
CH321-38E18	CHORI-321	3R	21510083	21588110
CH321-38E20	CHORI-321	2R	10882787	10983361
CH321-38E22	CHORI-321	2L	11455531	11529116
CH321-38F01	CHORI-321	2L	21140938	21224953
CH321-38F18	CHORI-321	X	10846273	10954201
CH321-38F19	CHORI-321	2L	9019328	9106139
CH321-38F20	CHORI-321	2L	15051916	15166823
CH321-38F24	CHORI-321	2L	18013048	18130476
CH321-38G02	CHORI-321	2L	12357193	12455115
CH321-38G07	CHORI-321	X	12292816	12389928
CH321-38G09	CHORI-321	X	18922196	19018644
CH321-38G11	CHORI-321	2L	10381631	10463612
CH321-38G20	CHORI-321	3R	12002199	12089006
CH321-38H01	CHORI-321	3R	19178550	19275608
CH321-38H02	CHORI-321	2R	6769247	6858578
CH321-38H13	CHORI-321	3R	15965006	16038722
CH321-38H14	CHORI-321	2L	17291538	17384307
CH321-38H19	CHORI-321	2R	14862744	14952617
CH321-38H20	CHORI-321	X	17709617	17755174
CH321-38I02	CHORI-321	X	5687988	5766971
CH321-38I23	CHORI-321	2R	14510361	14602846
CH321-38J01	CHORI-321	2L	7184632	7280292
CH321-38J02	CHORI-321	2R	19178410	19262672
CH321-38J19	CHORI-321	3L	11091135	11175781
CH321-38K02	CHORI-321	2L	18979684	19061383
CH321-38K05	CHORI-321	2R	8453937	8534613
CH321-38K18	CHORI-321	2L	14303541	14396461
CH321-38L06	CHORI-321	2R	7042984	7124982
CH321-38L14	CHORI-321	2R	17719821	17774218
CH321-38M01	CHORI-321	3LHet	76997	125650
CH321-38M02	CHORI-321	X	15231780	15329400
CH321-38M08	CHORI-321	3L	3547071	3640955
CH321-38M10	CHORI-321	3L	1265813	1360209
CH321-38M14	CHORI-321	3L	13102313	13145685
CH321-38M20	CHORI-321	2R	2724889	2821818
CH321-38N03	CHORI-321	2R	10342076	10459181
CH321-38N05	CHORI-321	3R	10125756	10206121
CH321-38N08	CHORI-321	X	18020921	18099181
CH321-38N13	CHORI-321	3R	24163210	24256538
CH321-38N17	CHORI-321	3L	3748784	3842890
CH321-38N19	CHORI-321	3L	5902936	5992679
CH321-38N21	CHORI-321	2L	21182262	21268740
CH321-38N24	CHORI-321	3L	7293039	7377986

CH321-38O01	CHORI-321	3R	24740230	24832264
CH321-38O02	CHORI-321	X	20134184	20230803
CH321-38O11	CHORI-321	3L	7239195	7329485
CH321-38O13	CHORI-321	3R	18298389	18375944
CH321-38O16	CHORI-321	3R	14689491	14763491
CH321-38O20	CHORI-321	2R	13659489	13764844
CH321-38O22	CHORI-321	4	649827	743666
CH321-38O23	CHORI-321	2L	16932287	17027562
CH321-38O24	CHORI-321	3R	7501818	7570257
CH321-38P01	CHORI-321	2R	3660177	3739384
CH321-38P02	CHORI-321	3L	4918886	5012020
CH321-38P03	CHORI-321	3L	4904822	4996268
CH321-38P04	CHORI-321	3L	834324	927341
CH321-38P05	CHORI-321	3R	4506111	4603205
CH321-38P07	CHORI-321	3R	24855779	24931849
CH321-38P12	CHORI-321	3R	18331158	18421127
CH321-38P14	CHORI-321	X	20423874	20524848
CH321-38P15	CHORI-321	2L	8030168	8089271
CH321-38P17	CHORI-321	2R	4030129	4114966
CH321-38P19	CHORI-321	3L	24070604	24184589
CH321-38P21	CHORI-321	3R	14305630	14396478
CH321-39A04	CHORI-321	3R	26531332	26619850
CH321-39A05	CHORI-321	2R	12327798	12397739
CH321-39A09	CHORI-321	2R	12058186	12144948
CH321-39A10	CHORI-321	3R	18792589	18883280
CH321-39A11	CHORI-321	2L	13934779	14006267
CH321-39A13	CHORI-321	X	3140051	3231950
CH321-39A14	CHORI-321	3L	5665384	5719633
CH321-39A15	CHORI-321	3R	7247307	7326912
CH321-39A16	CHORI-321	2R	17330215	17446339
CH321-39A17	CHORI-321	2L	11413368	11497641
CH321-39A18	CHORI-321	2L	11609007	11693431
CH321-39A19	CHORI-321	2L	6535547	6610435
CH321-39A21	CHORI-321	2R	18111986	18219514
CH321-39B01	CHORI-321	2L	1022170	1107157
CH321-39B02	CHORI-321	2L	7873882	7975270
CH321-39B03	CHORI-321	2L	8077071	8118244
CH321-39B05	CHORI-321	3L	3512582	3630967
CH321-39B06	CHORI-321	3R	18749285	18844732
CH321-39B07	CHORI-321	3L	11099642	11182905
CH321-39B08	CHORI-321	3R	25770710	25873401
CH321-39B12	CHORI-321	X	15392431	15483896
CH321-39B13	CHORI-321	3R	13230267	13321587
CH321-39B20	CHORI-321	2R	5083457	5174394
CH321-39B21	CHORI-321	3L	10702923	10751999
CH321-39B24	CHORI-321	3R	8825877	8914272
CH321-39C01	CHORI-321	2L	14907504	15013743
CH321-39C05	CHORI-321	2R	5147610	5246661
CH321-39C11	CHORI-321	2R	19381052	19436627
CH321-39C23	CHORI-321	3L	1871360	1959816
CH321-39D02	CHORI-321	3R	24118984	24205298
CH321-39D13	CHORI-321	2R	20865414	20947202
CH321-39D24	CHORI-321	3L	6719452	6813892
CH321-39E02	CHORI-321	3R	19522479	19610799

CH321-39E03	CHORI-321	2L	4086454	4186508
CH321-39F02	CHORI-321	3L	1556194	1604970
CH321-39F21	CHORI-321	3R	11406990	11461807
CH321-39F24	CHORI-321	2L	616809	706081
CH321-39G02	CHORI-321	2L	19056466	19138075
CH321-39H01	CHORI-321	3R	22746427	22831865
CH321-39H02	CHORI-321	3R	4900854	5002433
CH321-39H03	CHORI-321	2L	2073900	2179536
CH321-39H20	CHORI-321	3R	5272686	5378687
CH321-39I01	CHORI-321	3R	9535355	9634129
CH321-39J02	CHORI-321	X	13714157	13799090
CH321-39J03	CHORI-321	3R	12677760	12761336
CH321-39J20	CHORI-321	2L	14500723	14594577
CH321-39J22	CHORI-321	2L	12179163	12278031
CH321-39K01	CHORI-321	X	19412004	19497214
CH321-39K17	CHORI-321	X	14249431	14339819
CH321-39K19	CHORI-321	2L	2353478	2434642
CH321-39K24	CHORI-321	3L	10859373	10958519
CH321-39L01	CHORI-321	3L	13689123	13757994
CH321-39L02	CHORI-321	3R	19092185	19182926
CH321-39L06	CHORI-321	2L	19072539	19140323
CH321-39L12	CHORI-321	2L	7480869	7565366
CH321-39L15	CHORI-321	2R	11779408	11880894
CH321-39L16	CHORI-321	3R	1732157	1795264
CH321-39L18	CHORI-321	3R	10347375	10422168
CH321-39L19	CHORI-321	3L	18301958	18376516
CH321-39M01	CHORI-321	3R	10207227	10301290
CH321-39M02	CHORI-321	3L	19044911	19122532
CH321-39M18	CHORI-321	2RHet	480992	558423
CH321-39M24	CHORI-321	3R	22575866	22663746
CH321-39N01	CHORI-321	X	15675135	15758703
CH321-39N02	CHORI-321	3R	21572859	21668483
CH321-39N20	CHORI-321	3R	18704315	18804630
CH321-39N21	CHORI-321	3L	4034257	4134684
CH321-39N24	CHORI-321	X	5032857	5131563
CH321-39O02	CHORI-321	3L	11344275	11425690
CH321-39O03	CHORI-321	3R	7747638	7837165
CH321-39O22	CHORI-321	2R	14711303	14822513
CH321-39O23	CHORI-321	2L	22842127	22926266
CH321-39P02	CHORI-321	3L	21050534	21143735
CH321-39P03	CHORI-321	4	364309	447388
CH321-39P04	CHORI-321	2L	2260768	2356480
CH321-39P06	CHORI-321	2L	5136628	5218807
CH321-39P08	CHORI-321	3L	2266907	2343092
CH321-39P13	CHORI-321	3R	23775189	23861087
CH321-39P20	CHORI-321	2R	12070183	12144947
CH321-39P21	CHORI-321	2L	8599079	8697353
CH321-40A01	CHORI-321	2L	12565956	12645482
CH321-40A02	CHORI-321	3R	93831	189674
CH321-40A08	CHORI-321	2R	14906686	15005924
CH321-40A09	CHORI-321	3R	26246743	26334509
CH321-40A11	CHORI-321	3L	17489914	17579868
CH321-40A12	CHORI-321	3R	7138858	7245382
CH321-40A14	CHORI-321	3L	20092199	20174567

CH321-40A19	CHORI-321	3R	25077784	25173353
CH321-40A21	CHORI-321	3L	3485304	3554309
CH321-40A23	CHORI-321	3R	22846729	22921143
CH321-40A24	CHORI-321	3L	3192340	3290476
CH321-40B04	CHORI-321	3L	3906267	4003978
CH321-40B10	CHORI-321	3R	5492682	5597300
CH321-40B11	CHORI-321	X	19884477	19987905
CH321-40B12	CHORI-321	3L	5985251	6091972
CH321-40B19	CHORI-321	3R	13911836	14000870
CH321-40C02	CHORI-321	3R	8900199	8960922
CH321-40C04	CHORI-321	2L	31532	133754
CH321-40C06	CHORI-321	2L	1789550	1889779
CH321-40C08	CHORI-321	3R	15788172	15870167
CH321-40C09	CHORI-321	X	4174155	4255274
CH321-40C11	CHORI-321	X	12793378	12890192
CH321-40C12	CHORI-321	2R	4646279	4725450
CH321-40C22	CHORI-321	3R	7716877	7801072
CH321-40D03	CHORI-321	3R	76040	121264
CH321-40D05	CHORI-321	2R	18558662	18601811
CH321-40D08	CHORI-321	2R	11270797	11363222
CH321-40D10	CHORI-321	3R	7628007	7725309
CH321-40D23	CHORI-321	3R	17205639	17301859
CH321-40E08	CHORI-321	X	12413786	12514024
CH321-40E09	CHORI-321	X	475739	565834
CH321-40E10	CHORI-321	3R	15124068	15213802
CH321-40E12	CHORI-321	2L	7391750	7475659
CH321-40E15	CHORI-321	2R	7276132	7361932
CH321-40E19	CHORI-321	2L	21565715	21679063
CH321-40E22	CHORI-321	3R	43206	139580
CH321-40E23	CHORI-321	3L	5557684	5642147
CH321-40E24	CHORI-321	2L	19139472	19251296
CH321-40F12	CHORI-321	2L	8904344	8987273
CH321-40F14	CHORI-321	3R	3205726	3298100
CH321-40F15	CHORI-321	3R	23322560	23408862
CH321-40F23	CHORI-321	3L	15074498	15132364
CH321-40G09	CHORI-321	2L	3217397	3306426
CH321-40G11	CHORI-321	3L	460576	573461
CH321-40G12	CHORI-321	2L	19005762	19110616
CH321-40G13	CHORI-321	3R	24518698	24611373
CH321-40G14	CHORI-321	2L	20241520	20319822
CH321-40G15	CHORI-321	X	8113597	8193403
CH321-40G17	CHORI-321	2R	5054514	5145347
CH321-40G22	CHORI-321	2L	18772315	18867898
CH321-40G23	CHORI-321	2L	8082827	8148020
CH321-40H12	CHORI-321	3R	269562	361563
CH321-40H15	CHORI-321	X	12986208	13073664
CH321-40H22	CHORI-321	3R	6720255	6817279
CH321-40H23	CHORI-321	2R	10903124	10987270
CH321-40I04	CHORI-321	2L	9807837	9909644
CH321-40I11	CHORI-321	3L	20448823	20537475
CH321-40I12	CHORI-321	3R	4900854	4986346
CH321-40I20	CHORI-321	X	11283584	11375370
CH321-40I21	CHORI-321	3L	16471241	16550297
CH321-40I22	CHORI-321	3L	7149535	7238171

CH321-40J05	CHORI-321	X	10380349	10471002
CH321-40J12	CHORI-321	2L	15892846	15980006
CH321-40J14	CHORI-321	2L	4363016	4468955
CH321-40J15	CHORI-321	2R	16033427	16128816
CH321-40J20	CHORI-321	2L	22810014	22895020
CH321-40K01	CHORI-321	3L	6470335	6555774
CH321-40K12	CHORI-321	X	13665660	13759532
CH321-40K13	CHORI-321	2L	17642932	17716158
CH321-40K19	CHORI-321	3R	10647567	10733733
CH321-40L01	CHORI-321	2L	19524202	19624995
CH321-40L19	CHORI-321	3L	16501103	16578027
CH321-40M02	CHORI-321	X	10291286	10371429
CH321-40M04	CHORI-321	3R	25402547	25501930
CH321-40M13	CHORI-321	2L	17788423	17869814
CH321-40M15	CHORI-321	3L	4991840	5080165
CH321-40M16	CHORI-321	3R	15841822	15934149
CH321-40M17	CHORI-321	2L	15916857	16011476
CH321-40M22	CHORI-321	3L	13527583	13610007
CH321-40M24	CHORI-321	X	4350893	4426420
CH321-40N09	CHORI-321	2R	9286535	9385254
CH321-40N13	CHORI-321	2R	325101	409271
CH321-40N15	CHORI-321	3R	24181964	24256371
CH321-40N16	CHORI-321	2R	11559189	11640307
CH321-40N23	CHORI-321	2RHet	1667174	1757805
CH321-40N24	CHORI-321	3R	24706982	24811109
CH321-40O03	CHORI-321	2R	15198943	15293647
CH321-40O08	CHORI-321	3R	15722131	15813908
CH321-40O12	CHORI-321	2R	1671357	1758388
CH321-40O14	CHORI-321	X	13942645	14035493
CH321-40O15	CHORI-321	3L	3556492	3647537
CH321-40O16	CHORI-321	3L	15791836	15871528
CH321-40O19	CHORI-321	3R	25130651	25215395
CH321-40P01	CHORI-321	3R	17100332	17188449
CH321-40P02	CHORI-321	2L	298750	381325
CH321-40P03	CHORI-321	3L	22769435	22859047
CH321-40P04	CHORI-321	3L	20631964	20734794
CH321-40P05	CHORI-321	X	13763842	13850663
CH321-40P08	CHORI-321	2L	16607183	16686242
CH321-40P09	CHORI-321	2L	2482092	2564799
CH321-40P10	CHORI-321	2R	20684195	20787248
CH321-40P11	CHORI-321	3R	18905233	18970245
CH321-40P12	CHORI-321	2L	8735627	8819054
CH321-40P16	CHORI-321	2R	3078418	3178467
CH321-40P17	CHORI-321	3R	4709493	4764580
CH321-40P19	CHORI-321	2L	14031569	14116678
CH321-40P21	CHORI-321	2L	12095551	12163819
CH321-40P22	CHORI-321	X	6328791	6424503
CH321-40P23	CHORI-321	3L	21839497	21931379
CH321-40P24	CHORI-321	X	5425028	5508052
CH321-43A04	CHORI-321	2L	1638446	1716846
CH321-43A06	CHORI-321	2R	2765487	2878632
CH321-43A08	CHORI-321	3R	26556916	26652488
CH321-43A11	CHORI-321	3R	12857885	12962160
CH321-43A13	CHORI-321	2L	18691445	18779655

CH321-43A15	CHORI-321	3R	9300989	9395945
CH321-43A17	CHORI-321	2L	1113464	1204997
CH321-43A22	CHORI-321	2R	9307345	9392686
CH321-43B01	CHORI-321	X	5989679	6080011
CH321-43B04	CHORI-321	2R	1118278	1205502
CH321-43B05	CHORI-321	3R	11758818	11852949
CH321-43B06	CHORI-321	3L	6553639	6637143
CH321-43B07	CHORI-321	2R	11299882	11390939
CH321-43B13	CHORI-321	3R	25964298	26059189
CH321-43B18	CHORI-321	2R	21020699	21120364
CH321-43C01	CHORI-321	2R	5516108	5595291
CH321-43C08	CHORI-321	3L	20688765	20775300
CH321-43C11	CHORI-321	3R	22565077	22654001
CH321-43C17	CHORI-321	4	1063819	1151317
CH321-43C20	CHORI-321	X	7318752	7421371
CH321-43D06	CHORI-321	2L	9805273	9891226
CH321-43D07	CHORI-321	3L	15450956	15530187
CH321-43D08	CHORI-321	3R	18523547	18603524
CH321-43D12	CHORI-321	3R	8376522	8462674
CH321-43D13	CHORI-321	3L	23740365	23823752
CH321-43D14	CHORI-321	3R	15024332	15122054
CH321-43D16	CHORI-321	3R	2735658	2828002
CH321-43D18	CHORI-321	3L	11713083	11798249
CH321-43D19	CHORI-321	3L	11931214	12007932
CH321-43D20	CHORI-321	3L	23471575	23530755
CH321-43E01	CHORI-321	2L	17899401	17977734
CH321-43E04	CHORI-321	X	14570026	14660939
CH321-43E08	CHORI-321	2L	19455332	19541291
CH321-43E09	CHORI-321	3R	26951645	27030448
CH321-43E10	CHORI-321	3R	16755902	16865152
CH321-43E14	CHORI-321	2L	13709411	13787532
CH321-43E17	CHORI-321	4	484637	572390
CH321-43E20	CHORI-321	3R	7124671	7207305
CH321-43E22	CHORI-321	2R	11620375	11704894
CH321-43E23	CHORI-321	3L	1980486	2063802
CH321-43F02	CHORI-321	3R	17004040	17101861
CH321-43F09	CHORI-321	X	13537380	13617431
CH321-43F13	CHORI-321	2R	9138269	9229079
CH321-43G03	CHORI-321	3L	15675561	15771166
CH321-43G06	CHORI-321	2R	1893410	1981532
CH321-43G07	CHORI-321	3L	23650594	23704920
CH321-43G10	CHORI-321	X	12294555	12373516
CH321-43G11	CHORI-321	2R	209774	320466
CH321-43G12	CHORI-321	3R	12387921	12480392
CH321-43G13	CHORI-321	X	11822367	11913139
CH321-43G22	CHORI-321	3R	23102104	23194633
CH321-43H05	CHORI-321	X	826687	908282
CH321-43H07	CHORI-321	3R	19782249	19858286
CH321-43H08	CHORI-321	X	18006627	18101564
CH321-43H09	CHORI-321	3R	14006475	14071008
CH321-43H10	CHORI-321	2L	17802330	17911337
CH321-43H12	CHORI-321	2R	19929159	20031868
CH321-43H23	CHORI-321	3L	13542800	13641630
CH321-43I02	CHORI-321	2R	6610194	6707929

CH321-43I03	CHORI-321	2R	20082537	20187281
CH321-43I11	CHORI-321	X	21037452	21143179
CH321-43I14	CHORI-321	3R	21735663	21846444
CH321-43I15	CHORI-321	3R	5113423	5191571
CH321-43I16	CHORI-321	2L	18474021	18555789
CH321-43I23	CHORI-321	3R	16738214	16822311
CH321-43J01	CHORI-321	3R	26886773	26977540
CH321-43J09	CHORI-321	3R	10343462	10426065
CH321-43J11	CHORI-321	3L	16202153	16288389
CH321-43J12	CHORI-321	2R	16772435	16841816
CH321-43K04	CHORI-321	3L	11708939	11780961
CH321-43K06	CHORI-321	2R	20057654	20155524
CH321-43L03	CHORI-321	3R	24632403	24731624
CH321-43L13	CHORI-321	2R	18072743	18143453
CH321-43L17	CHORI-321	X	12387237	12482410
CH321-43L20	CHORI-321	2R	4922123	5015974
CH321-43M02	CHORI-321	2R	21000614	21083357
CH321-43M03	CHORI-321	2R	4635113	4737162
CH321-43M11	CHORI-321	2R	18010195	18108473
CH321-43M15	CHORI-321	2R	10053512	10144145
CH321-43N03	CHORI-321	3L	8691567	8775705
CH321-43N04	CHORI-321	X	2046673	2157618
CH321-43N05	CHORI-321	3L	1864644	1949615
CH321-43N09	CHORI-321	2R	7331607	7418049
CH321-43N16	CHORI-321	3L	15001329	15104564
CH321-43N17	CHORI-321	2R	11269703	11355648
CH321-43N22	CHORI-321	2L	4445361	4527628
CH321-43N23	CHORI-321	2R	7971416	8059926
CH321-43N24	CHORI-321	3LHet	1753295	1831175
CH321-43O02	CHORI-321	3L	5598029	5690005
CH321-43O12	CHORI-321	X	2070239	2174289
CH321-43O13	CHORI-321	2R	4016940	4099852
CH321-43O22	CHORI-321	3L	16382180	16464195
CH321-43P01	CHORI-321	X	3212988	3294517
CH321-43P02	CHORI-321	3R	3425899	3516720
CH321-43P03	CHORI-321	2L	7219100	7298509
CH321-43P04	CHORI-321	X	5942170	6032475
CH321-43P05	CHORI-321	2R	17609348	17717564
CH321-43P06	CHORI-321	3L	18451900	18494380
CH321-43P07	CHORI-321	3R	23777971	23864364
CH321-43P08	CHORI-321	3L	5160833	5260660
CH321-43P09	CHORI-321	3R	23496228	23603604
CH321-43P10	CHORI-321	3R	7057364	7158783
CH321-43P11	CHORI-321	3R	23682035	23738957
CH321-43P12	CHORI-321	2R	6596361	6704164
CH321-43P13	CHORI-321	3R	13161276	13242743
CH321-43P16	CHORI-321	2R	11590245	11676624
CH321-43P17	CHORI-321	3L	6236142	6320777
CH321-43P18	CHORI-321	3L	18697087	18796639
CH321-43P19	CHORI-321	X	2287628	2376716
CH321-43P22	CHORI-321	3R	11470267	11571126
CH321-44A04	CHORI-321	2R	11148400	11239835
CH321-44A05	CHORI-321	X	6748126	6835526
CH321-44A06	CHORI-321	2L	17293730	17373342

CH321-44A08	CHORI-321	3R	4769810	4869908
CH321-44A14	CHORI-321	3L	7822433	7921327
CH321-44A18	CHORI-321	2R	11012422	11090462
CH321-44A20	CHORI-321	3L	22608989	22688063
CH321-44A21	CHORI-321	3R	8920105	9007677
CH321-44A22	CHORI-321	3R	16773430	16859082
CH321-44A23	CHORI-321	3R	20777509	20865537
CH321-44B04	CHORI-321	X	9571374	9678585
CH321-44B10	CHORI-321	3L	10214943	10266771
CH321-44B16	CHORI-321	2L	2050596	2145040
CH321-44B20	CHORI-321	X	4194559	4279404
CH321-44B22	CHORI-321	3R	4100830	4176894
CH321-44B23	CHORI-321	3R	20522116	20629691
CH321-44B24	CHORI-321	3R	20520706	20561175
CH321-44C01	CHORI-321	3R	5402127	5488743
CH321-44C02	CHORI-321	3R	23913852	23991560
CH321-44C06	CHORI-321	2L	16258348	16355002
CH321-44C08	CHORI-321	3L	5668034	5757134
CH321-44C16	CHORI-321	3R	399142	473218
CH321-44C23	CHORI-321	2R	9601590	9686776
CH321-44C24	CHORI-321	3L	9106454	9200567
CH321-44D01	CHORI-321	3L	11388946	11469828
CH321-44D04	CHORI-321	2R	671291	728901
CH321-44D05	CHORI-321	2L	3078804	3169663
CH321-44D07	CHORI-321	2L	16189218	16292421
CH321-44D17	CHORI-321	3R	3625625	3690292
CH321-44D19	CHORI-321	2L	12494995	12570498
CH321-44D21	CHORI-321	3L	20560874	20654813
CH321-44D23	CHORI-321	X	2740445	2830481
CH321-44E03	CHORI-321	2L	20732496	20814132
CH321-44E22	CHORI-321	3L	20771003	20849561
CH321-44F04	CHORI-321	2L	4261450	4344959
CH321-44F12	CHORI-321	3R	6806213	6883318
CH321-44F21	CHORI-321	2L	5095796	5208308
CH321-44G02	CHORI-321	2L	2480658	2573741
CH321-44G20	CHORI-321	X	12552166	12641294
CH321-44G24	CHORI-321	3R	5095648	5194855
CH321-44I02	CHORI-321	2L	9344090	9418481
CH321-44I15	CHORI-321	3L	6961935	7054426
CH321-44J22	CHORI-321	3R	8542868	8635390
CH321-44K22	CHORI-321	3L	5989966	6080992
CH321-44K23	CHORI-321	3L	19820817	19909784
CH321-44K24	CHORI-321	3R	330687	417834
CH321-44L01	CHORI-321	3R	3106842	3190085
CH321-44L22	CHORI-321	3L	4119176	4215185
CH321-44M01	CHORI-321	3R	22117801	22195523
CH321-44M03	CHORI-321	2R	9747736	9842829
CH321-44M10	CHORI-321	3L	18084005	18168107
CH321-44M14	CHORI-321	X	22021315	22104733
CH321-44M18	CHORI-321	X	5282350	5368080
CH321-44N01	CHORI-321	2RHet	1880852	1957737
CH321-44N02	CHORI-321	3R	11950021	12034762
CH321-44N17	CHORI-321	3R	10316139	10398033
CH321-44O01	CHORI-321	2L	10766303	10843269

CH321-44O07	CHORI-321	3R	9289149	9378388
CH321-44O20	CHORI-321	3R	26168810	26246805
CH321-44O23	CHORI-321	2R	8265685	8344502
CH321-44P02	CHORI-321	3R	11981199	12066136
CH321-44P04	CHORI-321	2R	13259672	13333405
CH321-44P05	CHORI-321	2R	6885263	6978636
CH321-44P16	CHORI-321	3L	21292332	21354114
CH321-44P19	CHORI-321	3R	23368749	23451558
CH321-45A01	CHORI-321	3R	21361268	21448652
CH321-45A02	CHORI-321	2L	1355642	1448550
CH321-45A03	CHORI-321	3R	21506769	21597666
CH321-45A04	CHORI-321	3R	13300579	13399871
CH321-45A05	CHORI-321	2L	5893993	5947914
CH321-45A06	CHORI-321	2R	17785767	17876379
CH321-45A09	CHORI-321	X	10921332	11019754
CH321-45A11	CHORI-321	2R	10160455	10257788
CH321-45A12	CHORI-321	X	14228541	14308760
CH321-45A13	CHORI-321	2R	18714339	18827576
CH321-45A14	CHORI-321	3L	12880821	12960332
CH321-45A15	CHORI-321	X	16733202	16812601
CH321-45A18	CHORI-321	2L	15572201	15646211
CH321-45A19	CHORI-321	2R	6588038	6682311
CH321-45A20	CHORI-321	3L	18279961	18362509
CH321-45A21	CHORI-321	2L	12827525	12941195
CH321-45B02	CHORI-321	X	17171479	17245727
CH321-45B03	CHORI-321	3R	15333167	15424789
CH321-45B04	CHORI-321	2L	16177288	16258734
CH321-45B05	CHORI-321	3R	5135821	5241648
CH321-45B08	CHORI-321	2L	8990860	9085918
CH321-45B09	CHORI-321	2R	4384657	4459189
CH321-45B10	CHORI-321	3R	4257126	4357040
CH321-45B12	CHORI-321	3R	3625521	3715496
CH321-45B13	CHORI-321	3R	19770408	19839580
CH321-45B14	CHORI-321	3L	1953309	2056111
CH321-45B15	CHORI-321	2L	3954053	4036667
CH321-45B16	CHORI-321	2L	18837003	18943333
CH321-45B17	CHORI-321	X	18153281	18237183
CH321-45B19	CHORI-321	3R	24656383	24753300
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CH321-45B22	CHORI-321	2R	4368329	4453195
CH321-45B24	CHORI-321	3R	9514456	9610112
CH321-45C02	CHORI-321	2R	20103246	20201204
CH321-45C03	CHORI-321	2R	2420706	2507700
CH321-45C04	CHORI-321	X	18592275	18686317
CH321-45C05	CHORI-321	2R	14959832	15045742
CH321-45C06	CHORI-321	3L	10259216	10358956
CH321-45C08	CHORI-321	3R	25546090	25639136
CH321-45C10	CHORI-321	2R	1270988	1371262
CH321-45C12	CHORI-321	3R	21322857	21418867
CH321-45C13	CHORI-321	X	20840653	20941003
CH321-45C15	CHORI-321	2R	3008392	3127897
CH321-45C17	CHORI-321	3R	14114949	14192834
CH321-45C18	CHORI-321	2L	14462622	14556680
CH321-45C22	CHORI-321	2R	16451385	16557051

CH321-45D02	CHORI-321	4	670737	754934
CH321-45D03	CHORI-321	X	16855986	16943096
CH321-45D05	CHORI-321	3R	1685941	1762642
CH321-45D06	CHORI-321	3R	14866360	14957138
CH321-45D07	CHORI-321	3R	10517279	10594476
CH321-45D12	CHORI-321	2L	10554717	10646515
CH321-45D13	CHORI-321	X	22132247	22213914
CH321-45D14	CHORI-321	X	5823450	5901219
CH321-45D16	CHORI-321	3L	19120232	19210248
CH321-45D19	CHORI-321	3R	1338632	1439571
CH321-45D20	CHORI-321	3R	11459959	11551727
CH321-45D21	CHORI-321	2L	7803333	7895508
CH321-45D22	CHORI-321	3R	21720183	21792497
CH321-45D24	CHORI-321	3R	16890121	16977828
CH321-45E03	CHORI-321	3L	16244207	16335608
CH321-45E04	CHORI-321	X	21927760	22021097
CH321-45E05	CHORI-321	3R	10542432	10631216
CH321-45E07	CHORI-321	2R	9243192	9309044
CH321-45E09	CHORI-321	3R	26352486	26453905
CH321-45E10	CHORI-321	4	399652	482226
CH321-45E12	CHORI-321	X	21079445	21168879
CH321-45E19	CHORI-321	3R	23593050	23672416
CH321-45E21	CHORI-321	3R	14874173	14956320
CH321-45F03	CHORI-321	X	21414932	21462407
CH321-45F04	CHORI-321	2R	17276954	17358812
CH321-45F05	CHORI-321	X	13355363	13435062
CH321-45F06	CHORI-321	2R	5244137	5340948
CH321-45F07	CHORI-321	3R	12757435	12852431
CH321-45F09	CHORI-321	3R	25938282	26018375
CH321-45F12	CHORI-321	3R	2233947	2310589
CH321-45F13	CHORI-321	2L	2143311	2231822
CH321-45F14	CHORI-321	2R	14757424	14865584
CH321-45F16	CHORI-321	X	14018950	14094591
CH321-45F19	CHORI-321	3R	24240037	24337029
CH321-45F21	CHORI-321	3L	3664902	3748258
CH321-45G01	CHORI-321	3L	14991474	15080153
CH321-45G03	CHORI-321	3R	1307877	1398656
CH321-45G05	CHORI-321	3R	11093774	11187685
CH321-45G06	CHORI-321	3R	13230267	13310791
CH321-45G08	CHORI-321	3R	25071407	25114820
CH321-45G09	CHORI-321	2L	7682912	7777182
CH321-45G13	CHORI-321	3R	10949756	11005756
CH321-45G14	CHORI-321	3L	10174995	10257733
CH321-45G15	CHORI-321	3L	1261122	1346654
CH321-45G17	CHORI-321	3R	17733074	17817280
CH321-45G18	CHORI-321	2L	21802288	21887332
CH321-45G21	CHORI-321	X	10232222	10272699
CH321-45H02	CHORI-321	X	11239704	11333059
CH321-45H05	CHORI-321	3L	5228831	5317285
CH321-45H07	CHORI-321	X	10021269	10098601
CH321-45H08	CHORI-321	3R	6540892	6622965
CH321-45H09	CHORI-321	X	5505 93312	
CH321-45H11	CHORI-321	3R	241538	322722
CH321-45H12	CHORI-321	2R	13149163	13238662

CH321-45H14	CHORI-321	2L	18170925	18254531
CH321-45H15	CHORI-321	2R	1727228	1826569
CH321-45H18	CHORI-321	3R	1518095	1601990
CH321-45H20	CHORI-321	2L	2671354	2758804
CH321-45H21	CHORI-321	X	16055930	16161630
CH321-45I03	CHORI-321	3R	1654736	1741236
CH321-45I04	CHORI-321	2R	19599272	19700285
CH321-45I12	CHORI-321	3L	7014358	7118874
CH321-45I13	CHORI-321	3R	2991260	3071864
CH321-45I19	CHORI-321	3L	23281050	23374733
CH321-45I20	CHORI-321	2R	13972267	14060990
CH321-45I21	CHORI-321	3L	15176880	15255769
CH321-45J02	CHORI-321	2L	1581225	1667827
CH321-45J04	CHORI-321	2L	18405348	18494231
CH321-45J05	CHORI-321	2R	15379277	15472314
CH321-45J09	CHORI-321	3R	24243799	24331589
CH321-45J11	CHORI-321	X	19248326	19336662
CH321-45J12	CHORI-321	3R	5504723	5590848
CH321-45J15	CHORI-321	2R	13139357	13248531
CH321-45J17	CHORI-321	3L	17252550	17317017
CH321-45J18	CHORI-321	2L	7582967	7692011
CH321-45J20	CHORI-321	3L	7407577	7484969
CH321-45J21	CHORI-321	2L	1962910	2061696
CH321-45J22	CHORI-321	3R	20452055	20544569
CH321-45K03	CHORI-321	3L	12867329	12959044
CH321-45K04	CHORI-321	X	2119700	2220075
CH321-45K05	CHORI-321	2R	2747188	2851878
CH321-45K07	CHORI-321	2L	19637301	19735822
CH321-45K09	CHORI-321	3R	11918296	12001740
CH321-45K13	CHORI-321	3L	7011023	7112823
CH321-45K17	CHORI-321	2L	2027625	2127602
CH321-45K19	CHORI-321	X	16945472	16997823
CH321-45K20	CHORI-321	2L	8482726	8578508
CH321-45K21	CHORI-321	2R	6307183	6395433
CH321-45K22	CHORI-321	3R	16927364	17013908
CH321-45K23	CHORI-321	3L	14690880	14776487
CH321-45L03	CHORI-321	3R	26925986	27009987
CH321-45L05	CHORI-321	3R	9116203	9200093
CH321-45L06	CHORI-321	2R	14042824	14130972
CH321-45L09	CHORI-321	2R	11244846	11323122
CH321-45L14	CHORI-321	2R	20110033	20208814
CH321-45L18	CHORI-321	2L	17410113	17512364
CH321-45L19	CHORI-321	2R	16370342	16465874
CH321-45L22	CHORI-321	X	19949221	20048914
CH321-45M02	CHORI-321	3L	9909793	10001193
CH321-45M03	CHORI-321	X	15027527	15117499
CH321-45M04	CHORI-321	3L	9437073	9542244
CH321-45M05	CHORI-321	3R	22156297	22240454
CH321-45M09	CHORI-321	3L	17879924	17984775
CH321-45M10	CHORI-321	3R	16338255	16430892
CH321-45M13	CHORI-321	2L	9147010	9237253
CH321-45M14	CHORI-321	2L	7591968	7681307
CH321-45M15	CHORI-321	2L	21791158	21872793
CH321-45M17	CHORI-321	2L	22622733	22721554

CH321-45M18	CHORI-321	2R	9170500	9261840
CH321-45M22	CHORI-321	3L	17195774	17279401
CH321-45N05	CHORI-321	X	6982491	7067748
CH321-45N06	CHORI-321	2L	5320857	5417288
CH321-45N08	CHORI-321	3R	17954183	18038601
CH321-45N09	CHORI-321	3R	2569078	2655393
CH321-45N10	CHORI-321	3R	2589648	2688208
CH321-45N14	CHORI-321	3L	10705945	10810600
CH321-45N16	CHORI-321	2L	18608055	18716131
CH321-45N17	CHORI-321	2L	15480913	15574197
CH321-45N19	CHORI-321	X	21969383	22058417
CH321-45N22	CHORI-321	3L	2639035	2729413
CH321-45O01	CHORI-321	3R	25723970	25811893
CH321-45O02	CHORI-321	2R	9375270	9468365
CH321-45O04	CHORI-321	2R	10067547	10151445
CH321-45O05	CHORI-321	X	16104346	16193431
CH321-45O06	CHORI-321	3R	1566624	1661254
CH321-45O07	CHORI-321	3L	13161986	13262108
CH321-45O10	CHORI-321	2R	15399207	15475483
CH321-45O12	CHORI-321	3L	8646006	8726733
CH321-45O13	CHORI-321	2R	18492042	18580521
CH321-45O14	CHORI-321	3L	6388367	6475846
CH321-45O15	CHORI-321	3L	1257701	1351903
CH321-45O18	CHORI-321	X	13785835	13884225
CH321-45O19	CHORI-321	3R	17312416	17403268
CH321-45P03	CHORI-321	X	19020954	19100904
CH321-45P04	CHORI-321	X	12328847	12417821
CH321-45P08	CHORI-321	2L	6181358	6258573
CH321-45P10	CHORI-321	2L	5565734	5670436
CH321-45P12	CHORI-321	3R	7734764	7818995
CH321-45P14	CHORI-321	X	17638339	17731939
CH321-45P19	CHORI-321	2LHet	53622	141569
CH321-46A01	CHORI-321	X	15404376	15491145
CH321-46A03	CHORI-321	3L	23869746	23963953
CH321-46A05	CHORI-321	2L	12645972	12708194
CH321-46A07	CHORI-321	2R	3583713	3669162
CH321-46A09	CHORI-321	3R	22087522	22176024
CH321-46A11	CHORI-321	X	20301872	20369129
CH321-46A12	CHORI-321	3L	17040670	17143471
CH321-46A13	CHORI-321	2R	5480973	5563508
CH321-46A16	CHORI-321	X	145416	226340
CH321-46A20	CHORI-321	3L	14206200	14282017
CH321-46A22	CHORI-321	2L	14767145	14845041
CH321-46B01	CHORI-321	2L	21834765	21931543
CH321-46B02	CHORI-321	X	10021269	10106536
CH321-46B03	CHORI-321	X	438474	535363
CH321-46B06	CHORI-321	2L	21295997	21392602
CH321-46B07	CHORI-321	2L	19204950	19299556
CH321-46B09	CHORI-321	2L	7686944	7775707
CH321-46B11	CHORI-321	X	20464384	20515794
CH321-46B15	CHORI-321	3L	10327783	10403192
CH321-46B19	CHORI-321	2L	12460227	12568624
CH321-46B20	CHORI-321	2L	17965687	18044947
CH321-46B22	CHORI-321	2R	15036570	15127872

CH321-46C01	CHORI-321	X	17265557	17361921
CH321-46C02	CHORI-321	X	6266216	6350617
CH321-46C03	CHORI-321	3L	21167205	21247532
CH321-46C09	CHORI-321	X	12393977	12466569
CH321-46C11	CHORI-321	3L	19171975	19258392
CH321-46C12	CHORI-321	3L	5233455	5329389
CH321-46C15	CHORI-321	3R	4386418	4477576
CH321-46C21	CHORI-321	X	1179231	1269271
CH321-46D01	CHORI-321	2R	10574621	10650030
CH321-46D08	CHORI-321	3L	19299404	19396597
CH321-46D09	CHORI-321	3L	18916592	18996245
CH321-46D10	CHORI-321	3L	21562633	21649979
CH321-46D12	CHORI-321	3L	7353893	7438689
CH321-46E01	CHORI-321	3R	26011482	26113742
CH321-46E07	CHORI-321	3L	18806481	18887273
CH321-46E08	CHORI-321	2R	5096111	5199318
CH321-46E14	CHORI-321	2R	10260683	10341744
CH321-46E16	CHORI-321	2L	19420652	19524152
CH321-46E17	CHORI-321	3R	22944978	23044550
CH321-46E19	CHORI-321	X	18831412	18929196
CH321-46F08	CHORI-321	2L	18267201	18356383
CH321-46F10	CHORI-321	3R	20913849	21015744
CH321-46G03	CHORI-321	2R	16492315	16576419
CH321-46G04	CHORI-321	3R	12483250	12562385
CH321-46G05	CHORI-321	3R	23686555	23747102
CH321-46G06	CHORI-321	3L	6531679	6617844
CH321-46G07	CHORI-321	X	19133302	19223903
CH321-46G08	CHORI-321	2R	10141892	10236474
CH321-46G11	CHORI-321	2R	20387430	20432160
CH321-46G15	CHORI-321	3LHet	954268	1058011
CH321-46G20	CHORI-321	3L	14858447	14950300
CH321-46G22	CHORI-321	X	11249294	11339564
CH321-46H04	CHORI-321	2L	19964938	20045364
CH321-46H07	CHORI-321	2L	5909305	6004342
CH321-46H11	CHORI-321	3R	3215928	3308804
CH321-46I06	CHORI-321	3L	8182224	8284279
CH321-46I07	CHORI-321	2R	8096073	8145868
CH321-46I08	CHORI-321	3L	21798241	21879432
CH321-46I11	CHORI-321	3RHet	1977435	2072401
CH321-46I12	CHORI-321	3R	22590351	22681349
CH321-46I15	CHORI-321	3R	22846240	22952181
CH321-46I16	CHORI-321	2R	292328	371797
CH321-46I22	CHORI-321	3L	5015410	5104875
CH321-46J03	CHORI-321	2L	4408872	4481603
CH321-46J08	CHORI-321	3R	8662235	8758544
CH321-46J11	CHORI-321	3L	2702677	2780008
CH321-46J15	CHORI-321	3R	15937626	16018236
CH321-46J16	CHORI-321	3L	9212143	9294964
CH321-46J20	CHORI-321	3R	2569079	2650034
CH321-46K11	CHORI-321	3R	11266702	11366111
CH321-46K12	CHORI-321	3L	14633554	14721063
CH321-46K17	CHORI-321	3R	27211876	27313149
CH321-46K19	CHORI-321	2L	8520282	8603546
CH321-46L07	CHORI-321	3R	19775063	19862975

CH321-46L11	CHORI-321	2R	9877905	9960569
CH321-46M18	CHORI-321	X	19057826	19135683
CH321-46M22	CHORI-321	3R	20231608	20314414
CH321-46N12	CHORI-321	2R	10087557	10181016
CH321-46N21	CHORI-321	3R	10706528	10801688
CH321-46O01	CHORI-321	2L	6517377	6601611
CH321-46O02	CHORI-321	2R	13833522	13908280
CH321-46O05	CHORI-321	3R	13787032	13873260
CH321-46O06	CHORI-321	3L	16694875	16795531
CH321-46O21	CHORI-321	3R	502672	580997
CH321-46O22	CHORI-321	3R	16692205	16768944
CH321-46O23	CHORI-321	2R	12520416	12614090
CH321-46O24	CHORI-321	X	22298526	22348963
CH321-46P24	CHORI-321	2L	8904400	8990332
CH321-47A04	CHORI-321	X	12647858	12719700
CH321-47A06	CHORI-321	3L	11224728	11305467
CH321-47A07	CHORI-321	2L	4314551	4401237
CH321-47A09	CHORI-321	2R	6225879	6309951
CH321-47A13	CHORI-321	X	10788779	10872719
CH321-47A14	CHORI-321	3L	15613752	15709687
CH321-47A23	CHORI-321	2R	7373260	7458198
CH321-47B02	CHORI-321	X	763975	845631
CH321-47B04	CHORI-321	X	669926	775592
CH321-47B05	CHORI-321	3R	16032543	16114324
CH321-47B06	CHORI-321	3R	14443689	14538921
CH321-47B07	CHORI-321	2R	13549810	13642527
CH321-47B08	CHORI-321	3R	26141351	26233438
CH321-47B12	CHORI-321	2R	11742683	11837710
CH321-47B13	CHORI-321	3R	24374216	24463707
CH321-47B14	CHORI-321	3L	23024048	23111598
CH321-47B15	CHORI-321	3L	8191903	8275878
CH321-47B16	CHORI-321	3L	19139209	19220990
CH321-47C02	CHORI-321	3R	11253696	11341101
CH321-47C04	CHORI-321	3R	793564	891844
CH321-47C05	CHORI-321	3L	19527428	19615557
CH321-47C11	CHORI-321	3R	1425104	1518452
CH321-47C18	CHORI-321	3L	10860626	10947603
CH321-47C19	CHORI-321	3L	19162869	19248125
CH321-47D03	CHORI-321	3L	22520152	22605282
CH321-47D05	CHORI-321	3R	5674763	5752757
CH321-47D07	CHORI-321	3R	7947925	8032064
CH321-47D10	CHORI-321	3L	13750290	13835020
CH321-47D14	CHORI-321	3L	6945393	7024532
CH321-47D18	CHORI-321	3R	2556363	2653985
CH321-47D19	CHORI-321	X	6024484	6114569
CH321-47E07	CHORI-321	3R	401627	484251
CH321-47E09	CHORI-321	3L	14693200	14789272
CH321-47E14	CHORI-321	3L	19328967	19430989
CH321-47E15	CHORI-321	X	16994874	17085046
CH321-47E22	CHORI-321	2R	1078939	1169836
CH321-47F06	CHORI-321	3L	2683783	2767423
CH321-47F12	CHORI-321	2L	17990417	18043643
CH321-47G05	CHORI-321	X	9310867	9412604
CH321-47G06	CHORI-321	3R	5736212	5817256

CH321-47G10	CHORI-321	3L	17244237	17334038
CH321-47G13	CHORI-321	3L	7491181	7591469
CH321-47G22	CHORI-321	3L	9610521	9703472
CH321-47H05	CHORI-321	3L	11776891	11877820
CH321-47H12	CHORI-321	2L	12241069	12342906
CH321-47I04	CHORI-321	X	20747284	20840252
CH321-47I12	CHORI-321	3L	18727719	18820124
CH321-47I13	CHORI-321	3L	12576536	12659706
CH321-47I14	CHORI-321	2R	2373166	2461068
CH321-47I20	CHORI-321	2R	10944195	11030880
CH321-47I21	CHORI-321	2L	19644278	19730097
CH321-47I22	CHORI-321	X	19949221	20022197
CH321-47J04	CHORI-321	3L	12830087	12916844
CH321-47J12	CHORI-321	3R	17232364	17326654
CH321-47J21	CHORI-321	3L	7491181	7603021
CH321-47K03	CHORI-321	3L	13420294	13509407
CH321-47K10	CHORI-321	2R	16286469	16383942
CH321-47K12	CHORI-321	3R	7988827	8084187
CH321-47K23	CHORI-321	X	6245096	6326674
CH321-47L19	CHORI-321	3R	13369969	13444512
CH321-47L21	CHORI-321	X	10477138	10566989
CH321-47M02	CHORI-321	X	12507477	12596573
CH321-47M10	CHORI-321	3R	1209723	1302478
CH321-47N02	CHORI-321	2L	16613863	16694073
CH321-47O01	CHORI-321	2L	2748920	2837059
CH321-47O11	CHORI-321	3R	1451240	1526874
CH321-47O13	CHORI-321	X	10311898	10392377
CH321-47O24	CHORI-321	3R	12140372	12187786
CH321-47P02	CHORI-321	2L	11270447	11366403
CH321-47P04	CHORI-321	3L	3372454	3457482
CH321-47P10	CHORI-321	3R	18579875	18658465
CH321-47P12	CHORI-321	2R	6815470	6909984
CH321-47P16	CHORI-321	2L	22091744	22173831
CH321-47P18	CHORI-321	X	19265184	19352740
CH321-47P19	CHORI-321	3R	10223238	10331113
CH321-48A01	CHORI-321	3R	18695896	18785827
CH321-48A02	CHORI-321	3L	8122594	8222955
CH321-48A04	CHORI-321	3R	4677551	4762646
CH321-48A05	CHORI-321	3R	6552066	6640101
CH321-48A06	CHORI-321	3L	9433038	9523658
CH321-48A08	CHORI-321	2R	895969	995010
CH321-48A09	CHORI-321	3L	22349722	22442124
CH321-48A10	CHORI-321	3R	6620701	6720224
CH321-48A13	CHORI-321	3L	3675603	3776059
CH321-48A14	CHORI-321	X	13413675	13495028
CH321-48A15	CHORI-321	2L	14956426	15049139
CH321-48A16	CHORI-321	2R	11892506	11993288
CH321-48A20	CHORI-321	3L	5178668	5262340
CH321-48A22	CHORI-321	3L	11714381	11812398
CH321-48A23	CHORI-321	2R	15383194	15460258
CH321-48A24	CHORI-321	3L	4038119	4138318
CH321-48B02	CHORI-321	3L	833726	931585
CH321-48B03	CHORI-321	3R	18440087	18525656
CH321-48B05	CHORI-321	3R	8688938	8780492

CH321-48B06	CHORI-321	2L	793751	889151
CH321-48B11	CHORI-321	3R	12728740	12801675
CH321-48B14	CHORI-321	3L	17257123	17337071
CH321-48B15	CHORI-321	3R	7722067	7799330
CH321-48B18	CHORI-321	X	13123730	13225346
CH321-48C01	CHORI-321	3L	5339472	5432503
CH321-48C04	CHORI-321	3R	12192415	12250162
CH321-48C11	CHORI-321	X	10905789	10997353
CH321-48C12	CHORI-321	3RHet	1673008	1765289
CH321-48C14	CHORI-321	X	7244847	7313591
CH321-48C20	CHORI-321	3L	21451544	21548764
CH321-48C22	CHORI-321	3L	15007730	15126158
CH321-48D03	CHORI-321	3L	10424831	10510053
CH321-48D04	CHORI-321	3R	2340783	2428352
CH321-48D05	CHORI-321	2L	12356919	12447536
CH321-48D06	CHORI-321	X	10019563	10115521
CH321-48D08	CHORI-321	3R	816547	904032
CH321-48D13	CHORI-321	2L	10393927	10484601
CH321-48D18	CHORI-321	2R	4153498	4248088
CH321-48E02	CHORI-321	3L	14830836	14918513
CH321-48E07	CHORI-321	2R	527899	625282
CH321-48E08	CHORI-321	2R	4383524	4494345
CH321-48E10	CHORI-321	2L	13115438	13193232
CH321-48E12	CHORI-321	2R	10503724	10599874
CH321-48E13	CHORI-321	ArmU	1183149	1287134
CH321-48E15	CHORI-321	X	18585596	18673688
CH321-48E17	CHORI-321	2R	12909487	12992894
CH321-48E19	CHORI-321	3L	10253379	10337871
CH321-48E20	CHORI-321	3R	24064027	24147320
CH321-48E22	CHORI-321	X	5846105	5930656
CH321-48E23	CHORI-321	X	21077017	21172648
CH321-48F06	CHORI-321	3L	5798816	5896275
CH321-48F09	CHORI-321	3R	14719391	14773507
CH321-48F11	CHORI-321	X	970031	1064002
CH321-48F17	CHORI-321	2R	14030407	14122964
CH321-48F24	CHORI-321	2R	6784859	6870432
CH321-48G01	CHORI-321	3L	14068224	14175048
CH321-48G05	CHORI-321	X	20126507	20172712
CH321-48G07	CHORI-321	2L	1984547	2080458
CH321-48G09	CHORI-321	3L	15600010	15694587
CH321-48G11	CHORI-321	3L	5458311	5561964
CH321-48G17	CHORI-321	3R	4612104	4691203
CH321-48G21	CHORI-321	3L	12872145	12962032
CH321-48H01	CHORI-321	2L	15279997	15366198
CH321-48H08	CHORI-321	X	19895952	19989471
CH321-48H10	CHORI-321	2R	8446390	8531962
CH321-48H12	CHORI-321	X	16102085	16222065
CH321-48H13	CHORI-321	2L	15786730	15889661
CH321-48H20	CHORI-321	2R	18215753	18308852
CH321-48H21	CHORI-321	2R	13615718	13724215
CH321-48H22	CHORI-321	3R	20602933	20688234
CH321-48H23	CHORI-321	2L	16381529	16463471
CH321-48I02	CHORI-321	3L	8001369	8082739
CH321-48I09	CHORI-321	2L	10750320	10842991

CH321-48I11	CHORI-321	3R	13503470	13592245
CH321-48I13	CHORI-321	3L	21849747	21950092
CH321-48I14	CHORI-321	2R	4115195	4216768
CH321-48I15	CHORI-321	2L	3176929	3277802
CH321-48J05	CHORI-321	2R	5695042	5788871
CH321-48J10	CHORI-321	3R	13195181	13277460
CH321-48J17	CHORI-321	3L	17821674	17902283
CH321-48J19	CHORI-321	3L	17257656	17348506
CH321-48K01	CHORI-321	3L	15207953	15302818
CH321-48K09	CHORI-321	2L	3556188	3644308
CH321-48K11	CHORI-321	2R	19869125	19962666
CH321-48K13	CHORI-321	2R	10996486	11094201
CH321-48K16	CHORI-321	2L	10530543	10641122
CH321-48K17	CHORI-321	2R	15525412	15608489
CH321-48K18	CHORI-321	X	2705118	2784858
CH321-48K23	CHORI-321	2L	9601646	9702994
CH321-48L01	CHORI-321	3L	7604608	7691482
CH321-48L14	CHORI-321	2L	18285088	18383133
CH321-48L20	CHORI-321	2R	18316224	18359834
CH321-48M03	CHORI-321	3R	2663509	2756661
CH321-48M04	CHORI-321	3RHet	546627	646699
CH321-48M09	CHORI-321	X	3776514	3864784
CH321-48M10	CHORI-321	3R	3262286	3353358
CH321-48M13	CHORI-321	2L	10914467	11003518
CH321-48M14	CHORI-321	2L	9671479	9780528
CH321-48M20	CHORI-321	3L	17876125	17972162
CH321-48M22	CHORI-321	3R	26751940	26859730
CH321-48M23	CHORI-321	3L	4896176	4985884
CH321-48M24	CHORI-321	3R	2619543	2695437
CH321-48N01	CHORI-321	3L	22102897	22195802
CH321-48N02	CHORI-321	3L	22296778	22397419
CH321-48N04	CHORI-321	3L	10752315	10811352
CH321-48O03	CHORI-321	3L	11822568	11890485
CH321-48O04	CHORI-321	3L	16133912	16220280
CH321-48O05	CHORI-321	3L	23153908	23244818
CH321-48O06	CHORI-321	2L	4678788	4779101
CH321-48O07	CHORI-321	3R	246669	320809
CH321-48O11	CHORI-321	3R	20708957	20809689
CH321-48O13	CHORI-321	3L	14534797	14622379
CH321-48O15	CHORI-321	2R	770745	855105
CH321-48O18	CHORI-321	X	13608396	13695955
CH321-48O19	CHORI-321	X	10879334	10983929
CH321-48O24	CHORI-321	3L	22944670	23021030
CH321-48P01	CHORI-321	3L	5156842	5249831
CH321-48P02	CHORI-321	3R	5998141	6053680
CH321-48P03	CHORI-321	3R	5406557	5509806
CH321-48P06	CHORI-321	3R	1567477	1633006
CH321-48P07	CHORI-321	3R	27725905	27801789
CH321-48P08	CHORI-321	3L	10294179	10367531
CH321-48P13	CHORI-321	3L	16300573	16379751
CH321-48P14	CHORI-321	2L	16963983	17036048
CH321-48P16	CHORI-321	3L	19121770	19224698
CH321-48P17	CHORI-321	2L	22578246	22671694
CH321-48P18	CHORI-321	2R	1931017	2016854

CH321-48P20	CHORI-321	3L	6606572	6686473
CH321-48P21	CHORI-321	3R	22650289	22732802
CH321-48P24	CHORI-321	X	10114519	10219306
CH321-49A09	CHORI-321	3L	3221413	3298376
CH321-49A10	CHORI-321	3R	15527381	15624170
CH321-49A17	CHORI-321	X	19884129	19965916
CH321-49A18	CHORI-321	3R	6100306	6189700
CH321-49A24	CHORI-321	X	16417962	16498048
CH321-49B05	CHORI-321	2L	16478646	16554915
CH321-49B07	CHORI-321	3R	25215392	25317713
CH321-49B08	CHORI-321	3R	10338591	10426504
CH321-49B10	CHORI-321	3R	9854529	9938602
CH321-49B13	CHORI-321	2R	16048707	16142806
CH321-49B14	CHORI-321	3L	14169138	14251426
CH321-49B16	CHORI-321	3L	2833390	2912255
CH321-49B17	CHORI-321	X	17807424	17900478
CH321-49B19	CHORI-321	2L	17391978	17480392
CH321-49B21	CHORI-321	3L	3964	93982
CH321-49B23	CHORI-321	3R	17748127	17850992
CH321-49C03	CHORI-321	3R	1845611	1928135
CH321-49C05	CHORI-321	2R	20558319	20654570
CH321-49C10	CHORI-321	3R	20761580	20852017
CH321-49C12	CHORI-321	2L	11089278	11177938
CH321-49C13	CHORI-321	3R	15841900	15935743
CH321-49C14	CHORI-321	3L	1941728	2040624
CH321-49C15	CHORI-321	3L	16119551	16206674
CH321-49C23	CHORI-321	2L	16702395	16793159
CH321-49D04	CHORI-321	2R	4623489	4704490
CH321-49D05	CHORI-321	3L	8874119	8950834
CH321-49D13	CHORI-321	X	4991245	5084850
CH321-49D14	CHORI-321	3L	22293830	22413076
CH321-49D15	CHORI-321	2L	2827195	2888749
CH321-49D18	CHORI-321	2L	2597651	2707402
CH321-49D19	CHORI-321	3L	18293360	18398386
CH321-49D21	CHORI-321	3L	7278021	7378990
CH321-49D22	CHORI-321	3L	12034804	12138087
CH321-49D24	CHORI-321	3R	14178825	14267420
CH321-49E02	CHORI-321	2R	15993216	16074188
CH321-49E05	CHORI-321	3L	6734323	6838125
CH321-49E07	CHORI-321	3R	7256128	7347481
CH321-49E19	CHORI-321	3L	19137447	19236261
CH321-49E24	CHORI-321	3L	21462157	21551633
CH321-49F04	CHORI-321	3L	14022073	14132255
CH321-49F05	CHORI-321	X	2527300	2617633
CH321-49F07	CHORI-321	3R	21626975	21723455
CH321-49F08	CHORI-321	3R	1898065	1999609
CH321-49F11	CHORI-321	3L	15257615	15358438
CH321-49F12	CHORI-321	3L	1864632	1951983
CH321-49F16	CHORI-321	2R	1843296	1924435
CH321-49F17	CHORI-321	3L	10505255	10601775
CH321-49F21	CHORI-321	2L	20597945	20688945
CH321-49F22	CHORI-321	3L	16815552	16907546
CH321-49F23	CHORI-321	3R	10778744	10863271
CH321-49G03	CHORI-321	X	19192319	19238170

CH321-49G06	CHORI-321	3L	2824141	2896373
CH321-49G11	CHORI-321	2R	4855293	4949071
CH321-49G15	CHORI-321	X	19104339	19195180
CH321-49G21	CHORI-321	3L	16907543	17002583
CH321-49G22	CHORI-321	2L	5255375	5348497
CH321-49H07	CHORI-321	2R	17471366	17558018
CH321-49H15	CHORI-321	X	20111413	20198801
CH321-49H20	CHORI-321	2R	5482327	5572204
CH321-49H23	CHORI-321	3L	9280446	9364892
CH321-49H24	CHORI-321	2R	12287138	12375223
CH321-49I06	CHORI-321	3R	12974541	13057812
CH321-49I12	CHORI-321	3L	7161595	7245562
CH321-49I17	CHORI-321	2R	18548525	18646911
CH321-49I18	CHORI-321	X	10223736	10271614
CH321-49I19	CHORI-321	3R	13884004	13973870
CH321-49I21	CHORI-321	X	20154996	20238594
CH321-49I22	CHORI-321	2R	19436982	19539576
CH321-49I23	CHORI-321	2R	1672209	1743037
CH321-49I24	CHORI-321	3R	15222577	15304164
CH321-49J02	CHORI-321	2L	11181127	11286579
CH321-49J03	CHORI-321	3L	20837241	20938425
CH321-49J04	CHORI-321	3R	10171829	10282711
CH321-49J06	CHORI-321	3R	9897853	9974540
CH321-49J11	CHORI-321	3R	16077168	16172069
CH321-49J17	CHORI-321	3L	20661484	20739974
CH321-49J18	CHORI-321	X	8171292	8259353
CH321-49J20	CHORI-321	2L	13529137	13608477
CH321-49J21	CHORI-321	X	723639	805581
CH321-49J22	CHORI-321	3R	57326	147781
CH321-49J23	CHORI-321	3R	20951189	21042277
CH321-49J24	CHORI-321	3L	4650633	4745586
CH321-49K01	CHORI-321	3R	4245937	4340953
CH321-49K02	CHORI-321	3R	21626975	21727015
CH321-49K03	CHORI-321	X	1584298	1690074
CH321-49K05	CHORI-321	2R	12585732	12670208
CH321-49K08	CHORI-321	3R	5162406	5241254
CH321-49K10	CHORI-321	3L	15512242	15604608
CH321-49K17	CHORI-321	3R	20910114	20996666
CH321-49K19	CHORI-321	2R	12997747	13084518
CH321-49K22	CHORI-321	2R	5785398	5879964
CH321-49K24	CHORI-321	2R	14102603	14153653
CH321-49L03	CHORI-321	2R	7461737	7542463
CH321-49L04	CHORI-321	2R	16040559	16132626
CH321-49L07	CHORI-321	3R	1263178	1336003
CH321-49L17	CHORI-321	2R	7791434	7875894
CH321-49L20	CHORI-321	X	9482265	9589634
CH321-49L23	CHORI-321	2RHet	376010	465867
CH321-49M01	CHORI-321	2L	13268271	13341631
CH321-49M03	CHORI-321	3L	12790873	12877870
CH321-49M04	CHORI-321	2R	13837847	13920712
CH321-49M21	CHORI-321	3R	18443318	18548990
CH321-49M22	CHORI-321	3R	14959609	15054649
CH321-49M23	CHORI-321	2R	10623722	10734918
CH321-49M24	CHORI-321	X	2387197	2475336

CH321-49N01	CHORI-321	2R	2775625	2876143
CH321-49N02	CHORI-321	2L	22315454	22392512
CH321-49N04	CHORI-321	3L	18897658	18974663
CH321-49N05	CHORI-321	3R	16703155	16781796
CH321-49N06	CHORI-321	X	10917062	11005183
CH321-49N07	CHORI-321	2R	1910827	2021271
CH321-49N08	CHORI-321	X	16666049	16768094
CH321-49N10	CHORI-321	2R	12477981	12563108
CH321-49N12	CHORI-321	3R	11701510	11745417
CH321-49N13	CHORI-321	3L	100482	189173
CH321-49N17	CHORI-321	3R	24152422	24230747
CH321-49N19	CHORI-321	2R	14881572	14972807
CH321-49N21	CHORI-321	2L	4517932	4565464
CH321-49N22	CHORI-321	X	18022943	18072488
CH321-49N23	CHORI-321	X	15389581	15495129
CH321-49O02	CHORI-321	2L	10370376	10460589
CH321-49O03	CHORI-321	X	14866043	14969977
CH321-49O04	CHORI-321	3L	20545500	20628444
CH321-49O05	CHORI-321	2L	14143315	14236690
CH321-49O10	CHORI-321	X	21181795	21274943
CH321-49O11	CHORI-321	2L	10833123	10917769
CH321-49O12	CHORI-321	3L	20042151	20145125
CH321-49O14	CHORI-321	X	7695073	7779692
CH321-49O15	CHORI-321	X	4665776	4753894
CH321-49O16	CHORI-321	2R	17579790	17655123
CH321-49O18	CHORI-321	3R	10555451	10637336
CH321-49O19	CHORI-321	2L	10993754	11075303
CH321-49O21	CHORI-321	2L	18114949	18203695
CH321-49O22	CHORI-321	2L	18846827	18942221
CH321-49O23	CHORI-321	2R	8435657	8515155
CH321-49P01	CHORI-321	2R	2377323	2430096
CH321-49P02	CHORI-321	2L	16642590	16725923
CH321-49P04	CHORI-321	3R	3099630	3179033
CH321-49P05	CHORI-321	3R	2216286	2310188
CH321-49P06	CHORI-321	3R	6901833	6988627
CH321-49P08	CHORI-321	3L	8441294	8515843
CH321-49P09	CHORI-321	2L	6667002	6752698
CH321-49P10	CHORI-321	2L	8902364	8992500
CH321-49P14	CHORI-321	3R	10302876	10372284
CH321-49P16	CHORI-321	3L	17271629	17359439
CH321-49P17	CHORI-321	2L	5458022	5544273
CH321-49P18	CHORI-321	3L	12402872	12463107
CH321-49P20	CHORI-321	2L	19242737	19322972
CH321-49P21	CHORI-321	2R	20706943	20797655
CH321-49P22	CHORI-321	3R	13327632	13432668
CH321-50A05	CHORI-321	3R	4384229	4486270
CH321-50A06	CHORI-321	3L	17127545	17232682
CH321-50A08	CHORI-321	2L	22601030	22650802
CH321-50A09	CHORI-321	X	19152839	19249683
CH321-50A10	CHORI-321	2L	17457395	17538634
CH321-50A13	CHORI-321	2L	1485615	1592263
CH321-50A14	CHORI-321	3R	6950071	7029770
CH321-50A17	CHORI-321	2L	6823601	6867985
CH321-50A18	CHORI-321	3L	4205992	4294513

CH321-50A21	CHORI-321	3L	22727398	22809131
CH321-50B01	CHORI-321	X	16023119	16110020
CH321-50B02	CHORI-321	3L	20193283	20282716
CH321-50B03	CHORI-321	2L	16699240	16786329
CH321-50B07	CHORI-321	2L	10489799	10593058
CH321-50B09	CHORI-321	2R	5147610	5233197
CH321-50B11	CHORI-321	3R	13720935	13831711
CH321-50B12	CHORI-321	2R	13493691	13598043
CH321-50B13	CHORI-321	X	5280286	5372651
CH321-50B16	CHORI-321	ArmU	1221150	1340741
CH321-50B17	CHORI-321	X	15610915	15697022
CH321-50B18	CHORI-321	3L	23211587	23319039
CH321-50B19	CHORI-321	2L	8451321	8532448
CH321-50B20	CHORI-321	2R	9613083	9711258
CH321-50B21	CHORI-321	3R	6990408	7055627
CH321-50B23	CHORI-321	2L	7601455	7681926
CH321-50C02	CHORI-321	3R	13957639	14042829
CH321-50C03	CHORI-321	ArmU	1261750	1340743
CH321-50C05	CHORI-321	2L	10203470	10290072
CH321-50C10	CHORI-321	X	8234805	8332874
CH321-50C11	CHORI-321	3L	4611843	4697627
CH321-50C13	CHORI-321	2L	6257325	6355345
CH321-50C15	CHORI-321	2L	6725755	6826155
CH321-50C16	CHORI-321	3R	14062817	14167622
CH321-50C18	CHORI-321	2R	6909047	6992789
CH321-50C19	CHORI-321	X	2571218	2666513
CH321-50C20	CHORI-321	2L	1523451	1619464
CH321-50C21	CHORI-321	3LHet	600589	679487
CH321-50C22	CHORI-321	3L	11305482	11398348
CH321-50C24	CHORI-321	3R	23500943	23586504
CH321-50D02	CHORI-321	2L	12610668	12691548
CH321-50D06	CHORI-321	2R	14678005	14752449
CH321-50D07	CHORI-321	3L	20628479	20725123
CH321-50D08	CHORI-321	3R	19057221	19142576
CH321-50D09	CHORI-321	X	6413450	6486714
CH321-50D12	CHORI-321	2L	4145254	4225629
CH321-50D14	CHORI-321	3R	7869655	7948135
CH321-50D15	CHORI-321	3R	8762112	8860448
CH321-50D16	CHORI-321	3R	7452274	7509786
CH321-50D17	CHORI-321	3L	10675514	10784389
CH321-50D18	CHORI-321	2R	12451230	12518473
CH321-50D20	CHORI-321	2L	10420844	10515976
CH321-50D21	CHORI-321	X	12663358	12760789
CH321-50E01	CHORI-321	3L	10446670	10540742
CH321-50E02	CHORI-321	2L	2490469	2578209
CH321-50E04	CHORI-321	X	20358341	20460032
CH321-50E09	CHORI-321	3L	5254839	5339202
CH321-50E12	CHORI-321	3R	20071958	20159735
CH321-50E13	CHORI-321	3R	15070128	15162306
CH321-50E14	CHORI-321	2R	8912568	9011550
CH321-50E16	CHORI-321	3R	12436690	12517411
CH321-50E17	CHORI-321	2L	9821208	9915812
CH321-50E18	CHORI-321	2L	12031306	12118139
CH321-50E19	CHORI-321	3R	24992988	25045287

CH321-50E21	CHORI-321	2L	13062415	13154523
CH321-50F02	CHORI-321	2R	14504446	14597436
CH321-50F03	CHORI-321	3R	22628575	22735610
CH321-50F04	CHORI-321	3R	2647441	2724166
CH321-50F05	CHORI-321	X	9008174	9099018
CH321-50F06	CHORI-321	3L	23887784	23998987
CH321-50F07	CHORI-321	X	11571340	11659449
CH321-50F08	CHORI-321	3R	22019721	22096679
CH321-50F11	CHORI-321	3R	25195352	25267336
CH321-50F13	CHORI-321	2L	9066324	9164711
CH321-50F15	CHORI-321	2L	10207928	10301702
CH321-50F16	CHORI-321	2R	2099900	2186878
CH321-50F18	CHORI-321	2R	15839107	15942795
CH321-50F19	CHORI-321	2L	5041371	5125951
CH321-50F20	CHORI-321	2L	16569941	16660681
CH321-50F21	CHORI-321	2L	453249	551261
CH321-50F23	CHORI-321	3L	20699879	20797306
CH321-50G02	CHORI-321	3R	1170503	1266944
CH321-50G03	CHORI-321	2R	15018404	15112098
CH321-50G04	CHORI-321	3L	14248169	14321450
CH321-50G05	CHORI-321	3R	13190390	13244951
CH321-50G06	CHORI-321	2R	10222638	10310984
CH321-50G15	CHORI-321	2R	13565298	13656573
CH321-50G17	CHORI-321	2R	16250483	16355886
CH321-50G19	CHORI-321	2R	10681354	10762930
CH321-50G20	CHORI-321	X	15267588	15346378
CH321-50G22	CHORI-321	3L	15184244	15266685
CH321-50G23	CHORI-321	X	5109802	5203440
CH321-50H02	CHORI-321	X	8162331	8257461
CH321-50H05	CHORI-321	2R	11404040	11501839
CH321-50H07	CHORI-321	3R	19555426	19637827
CH321-50H10	CHORI-321	3L	21825130	21928452
CH321-50H11	CHORI-321	2L	21612071	21666228
CH321-50H12	CHORI-321	3L	10906295	11011780
CH321-50H13	CHORI-321	2L	12242062	12357191
CH321-50H14	CHORI-321	X	13898508	13995103
CH321-50H18	CHORI-321	X	1260667	1348368
CH321-50H19	CHORI-321	2L	14046499	14091924
CH321-50H20	CHORI-321	2R	7928960	8030904
CH321-50H21	CHORI-321	2R	17078708	17165290
CH321-50H22	CHORI-321	3R	14318434	14419097
CH321-50H24	CHORI-321	2L	21210621	21300460
CH321-50I03	CHORI-321	3L	21959188	22060152
CH321-50I04	CHORI-321	2R	3885592	3990715
CH321-50I08	CHORI-321	3R	9401975	9507946
CH321-50I13	CHORI-321	2L	11734777	11817705
CH321-50I14	CHORI-321	3R	1896612	1952023
CH321-50I15	CHORI-321	2R	11459685	11558396
CH321-50I17	CHORI-321	3L	19039218	19124156
CH321-50I19	CHORI-321	2R	18918757	19027849
CH321-50I21	CHORI-321	3L	18903229	18982088
CH321-50I23	CHORI-321	3R	22401873	22501391
CH321-50I24	CHORI-321	2R	13363186	13467112
CH321-50J05	CHORI-321	3R	19450237	19540237

CH321-50J06	CHORI-321	3R	16430373	16511562
CH321-50J07	CHORI-321	2L	6694319	6786849
CH321-50J08	CHORI-321	3R	13474656	13566554
CH321-50J10	CHORI-321	3L	12406303	12488135
CH321-50J12	CHORI-321	3L	9760418	9850144
CH321-50J13	CHORI-321	X	12870289	12962156
CH321-50J15	CHORI-321	3L	15565591	15669494
CH321-50J16	CHORI-321	2L	20647411	20723956
CH321-50J19	CHORI-321	3L	19165077	19253441
CH321-50J20	CHORI-321	3R	12997226	13099585
CH321-50J22	CHORI-321	3R	17991621	18094417
CH321-50K03	CHORI-321	3L	23140353	23221467
CH321-50K05	CHORI-321	2R	17616536	17685612
CH321-50K06	CHORI-321	3L	2204998	2290435
CH321-50K07	CHORI-321	2R	4249427	4336892
CH321-50K08	CHORI-321	3L	13140868	13235651
CH321-50K10	CHORI-321	2L	17061767	17108220
CH321-50K16	CHORI-321	3L	11418360	11511919
CH321-50K18	CHORI-321	3R	13990825	14082554
CH321-50K19	CHORI-321	2R	10835705	10934474
CH321-50K21	CHORI-321	2R	1698685	1785509
CH321-50K22	CHORI-321	3R	19838832	19917044
CH321-50K23	CHORI-321	2R	15281511	15375083
CH321-50K24	CHORI-321	2L	11515374	11606643
CH321-50L03	CHORI-321	3L	8370431	8465594
CH321-50L04	CHORI-321	3R	8014246	8116101
CH321-50L05	CHORI-321	3R	4005971	4100702
CH321-50L06	CHORI-321	2L	22222478	22310589
CH321-50L09	CHORI-321	X	13202209	13304332
CH321-50L10	CHORI-321	3L	19598183	19683506
CH321-50L11	CHORI-321	X	14996298	15075262
CH321-50L13	CHORI-321	2R	15768116	15844071
CH321-50L15	CHORI-321	3L	9554580	9649074
CH321-50L16	CHORI-321	3L	2472934	2569436
CH321-50L17	CHORI-321	3R	22128031	22211026
CH321-50L18	CHORI-321	3R	11042872	11136765
CH321-50L19	CHORI-321	2R	4118451	4207711
CH321-50L21	CHORI-321	2R	14694563	14774617
CH321-50L22	CHORI-321	2L	11442808	11522249
CH321-50M01	CHORI-321	3R	18805391	18897287
CH321-50M03	CHORI-321	2L	1709003	1790914
CH321-50M04	CHORI-321	X	5367022	5440702
CH321-50M06	CHORI-321	2R	14878385	14984013
CH321-50M08	CHORI-321	3R	16232165	16335613
CH321-50M09	CHORI-321	3R	16390201	16475425
CH321-50M10	CHORI-321	X	24924	105542
CH321-50M11	CHORI-321	X	9704932	9782879
CH321-50M13	CHORI-321	2L	21157252	21255703
CH321-50M14	CHORI-321	3R	14712947	14800097
CH321-50M16	CHORI-321	2R	19242560	19331753
CH321-50M17	CHORI-321	2L	13174804	13259661
CH321-50M18	CHORI-321	3L	3293404	3383219
CH321-50M19	CHORI-321	3L	7893914	7985204
CH321-50M20	CHORI-321	3R	7573373	7654439

CH321-50M21	CHORI-321	3L	8403453	8484437
CH321-50M22	CHORI-321	3R	27259124	27344490
CH321-50M23	CHORI-321	3R	21572758	21655351
CH321-50N01	CHORI-321	3R	9529391	9615862
CH321-50N02	CHORI-321	3L	9536631	9620710
CH321-50N03	CHORI-321	2R	14482277	14595687
CH321-50N04	CHORI-321	2R	13500831	13576455
CH321-50N07	CHORI-321	X	1079018	1160070
CH321-50N08	CHORI-321	2R	8909697	9011485
CH321-50N09	CHORI-321	2L	18087827	18197008
CH321-50N10	CHORI-321	X	18997672	19098945
CH321-50N12	CHORI-321	3L	17554533	17644219
CH321-50N13	CHORI-321	3R	27624973	27714106
CH321-50N15	CHORI-321	2R	3592038	3639344
CH321-50N16	CHORI-321	3R	3571558	3676259
CH321-50N17	CHORI-321	3L	12693925	12795789
CH321-50N18	CHORI-321	3L	12588037	12692008
CH321-50N19	CHORI-321	X	18396181	18511703
CH321-50N20	CHORI-321	3L	20051456	20131000
CH321-50N22	CHORI-321	2R	6612687	6710125
CH321-50N23	CHORI-321	3R	17573283	17670329
CH321-50N24	CHORI-321	3L	2670529	2767945
CH321-50O04	CHORI-321	3R	13547247	13630202
CH321-50O05	CHORI-321	2R	4344189	4450486
CH321-50O06	CHORI-321	X	3743818	3847709
CH321-50O07	CHORI-321	3L	20701141	20778391
CH321-50O10	CHORI-321	3L	2960074	3043418
CH321-50O11	CHORI-321	2R	4766234	4869732
CH321-50O12	CHORI-321	2L	1525725	1616660
CH321-50O13	CHORI-321	2L	3151775	3234060
CH321-50O14	CHORI-321	2L	19624534	19727330
CH321-50O15	CHORI-321	2L	7499283	7596318
CH321-50O16	CHORI-321	3R	13260732	13358474
CH321-50O18	CHORI-321	2LHet	246447	343265
CH321-50O21	CHORI-321	2L	2463654	2548645
CH321-50P01	CHORI-321	X	480065	567157
CH321-50P02	CHORI-321	2L	5418291	5507632
CH321-50P03	CHORI-321	2L	522666	597898
CH321-50P04	CHORI-321	3R	27590118	27674413
CH321-50P05	CHORI-321	2L	5798145	5887148
CH321-50P10	CHORI-321	3R	19018781	19112751
CH321-50P14	CHORI-321	3R	6516285	6617735
CH321-50P15	CHORI-321	3L	6474257	6564116
CH321-50P18	CHORI-321	X	11012119	11105160
CH321-50P21	CHORI-321	2R	16468800	16557682
CH321-51B11	CHORI-321	X	20181843	20288588
CH321-51B14	CHORI-321	3RHet	2033822	2105891
CH321-51B18	CHORI-321	2R	20035805	20144247
CH321-51E19	CHORI-321	3R	20250383	20339382
CH321-51F13	CHORI-321	2R	15484123	15585604
CH321-51F19	CHORI-321	2R	18043348	18131738
CH321-51I07	CHORI-321	2R	15388615	15505832
CH321-51I11	CHORI-321	2R	15727325	15821537
CH321-51I17	CHORI-321	3R	18408434	18496584

CH321-51I21	CHORI-321	3R	14581474	14674116
CH321-51K13	CHORI-321	3R	9098047	9184161
CH321-51L19	CHORI-321	3L	15149920	15224649
CH321-51L21	CHORI-321	2R	6679956	6760327
CH321-51M02	CHORI-321	2R	13565820	13656670
CH321-51N04	CHORI-321	2L	17174202	17264214
CH321-51N06	CHORI-321	2R	11142434	11248038
CH321-51N20	CHORI-321	3L	22047807	22139081
CH321-51N24	CHORI-321	X	1106297	1192831
CH321-51O01	CHORI-321	3R	9608507	9707215
CH321-51O02	CHORI-321	3R	9543961	9633687
CH321-51O03	CHORI-321	2R	6317315	6412900
CH321-51O04	CHORI-321	2R	15504479	15587884
CH321-51O17	CHORI-321	3L	20308579	20391696
CH321-51O18	CHORI-321	3R	14686555	14775640
CH321-51P01	CHORI-321	3L	6265959	6348636
CH321-51P03	CHORI-321	3L	16331253	16407682
CH321-51P05	CHORI-321	2R	18972166	19045566
CH321-51P06	CHORI-321	X	6331058	6429060
CH321-51P09	CHORI-321	2R	17593153	17677571
CH321-51P10	CHORI-321	2L	11003515	11093082
CH321-51P14	CHORI-321	2L	2222292	2310559
CH321-51P16	CHORI-321	2L	1769883	1852089
CH321-51P21	CHORI-321	3R	8872635	8944324
CH321-52B07	CHORI-321	2L	5841114	5918397
CH321-52B14	CHORI-321	3R	9530251	9628355
CH321-52B20	CHORI-321	2L	17641380	17739676
CH321-52C05	CHORI-321	2L	18155287	18259325
CH321-52C10	CHORI-321	3L	4404468	4447637
CH321-52C12	CHORI-321	3R	937551	1037948
CH321-52C13	CHORI-321	3L	14207816	14308833
CH321-52C14	CHORI-321	X	10392829	10497246
CH321-52C18	CHORI-321	3R	23092687	23178834
CH321-52C20	CHORI-321	3R	7648046	7705601
CH321-52C22	CHORI-321	2L	15026993	15072915
CH321-52D05	CHORI-321	2R	14067073	14121597
CH321-52D09	CHORI-321	3L	17792458	17875387
CH321-52D11	CHORI-321	3L	16510592	16575232
CH321-52D13	CHORI-321	3R	2390104	2474907
CH321-52D16	CHORI-321	2L	1946504	2040461
CH321-52D17	CHORI-321	2R	8688547	8772297
CH321-52D18	CHORI-321	3R	12919088	13023686
CH321-52D19	CHORI-321	2R	11264937	11345261
CH321-52D21	CHORI-321	3R	15223683	15302098
CH321-52D22	CHORI-321	2R	15758375	15858160
CH321-52E03	CHORI-321	3L	17225543	17319700
CH321-52E04	CHORI-321	2R	6940210	7028421
CH321-52E06	CHORI-321	3L	1316944	1412496
CH321-52E08	CHORI-321	3L	15115025	15214708
CH321-52E13	CHORI-321	3L	11905175	12010113
CH321-52E14	CHORI-321	2L	64861	151589
CH321-52E17	CHORI-321	2L	8989499	9078429
CH321-52E18	CHORI-321	3L	8813195	8863268
CH321-52E23	CHORI-321	2R	4618739	4723594

CH321-52F03	CHORI-321	3R	10132241	10184864
CH321-52F04	CHORI-321	2R	18664775	18752451
CH321-52F05	CHORI-321	2R	14228635	14320915
CH321-52F06	CHORI-321	2R	13442532	13483839
CH321-52F07	CHORI-321	2L	15256228	15349188
CH321-52F09	CHORI-321	3R	22294106	22390530
CH321-52F10	CHORI-321	3R	17757859	17858236
CH321-52F11	CHORI-321	2R	6628485	6705012
CH321-52F14	CHORI-321	3L	12422895	12517828
CH321-52F17	CHORI-321	2R	2463806	2575756
CH321-52F19	CHORI-321	3L	13029084	13120094
CH321-52G04	CHORI-321	3R	6793500	6885852
CH321-52G09	CHORI-321	3L	599932	686465
CH321-52G11	CHORI-321	3L	11980410	12075898
CH321-52G12	CHORI-321	X	20436967	20515842
CH321-52G13	CHORI-321	2R	12591716	12684948
CH321-52G17	CHORI-321	3L	5942555	6036954
CH321-52H03	CHORI-321	3L	5937023	6016622
CH321-52H05	CHORI-321	2R	1607491	1697903
CH321-52H06	CHORI-321	3L	15906321	15988480
CH321-52H07	CHORI-321	3R	624178	668501
CH321-52H08	CHORI-321	3R	21836250	21917599
CH321-52H09	CHORI-321	2L	10348625	10425564
CH321-52H10	CHORI-321	3R	15928101	16006487
CH321-52H11	CHORI-321	2L	16489787	16569162
CH321-52H12	CHORI-321	2L	15500627	15615051
CH321-52H13	CHORI-321	3L	11806664	11880315
CH321-52I05	CHORI-321	3L	1334378	1424105
CH321-52I06	CHORI-321	2R	8581743	8670219
CH321-52I07	CHORI-321	3R	9856680	9963512
CH321-52I08	CHORI-321	3R	6982429	7070680
CH321-52I11	CHORI-321	2L	4225127	4306189
CH321-52I15	CHORI-321	3L	12151292	12241316
CH321-52I18	CHORI-321	3RHet	27333	94568
CH321-52I20	CHORI-321	2R	14597226	14692898
CH321-52I22	CHORI-321	2R	1470025	1547143
CH321-52J05	CHORI-321	X	9258340	9350301
CH321-52J09	CHORI-321	2R	20660993	20761792
CH321-52J12	CHORI-321	3R	21309959	21389340
CH321-52J16	CHORI-321	3R	19718203	19807002
CH321-52J18	CHORI-321	X	3137680	3231950
CH321-52K03	CHORI-321	3R	15907438	16001057
CH321-52K04	CHORI-321	2L	15129537	15212086
CH321-52K06	CHORI-321	3RHet	1901824	1966417
CH321-52K09	CHORI-321	X	10935389	11040015
CH321-52K10	CHORI-321	2R	19959577	20057842
CH321-52K12	CHORI-321	3R	25491475	25594035
CH321-52K23	CHORI-321	X	6782743	6868802
CH321-52L08	CHORI-321	2R	3369241	3454653
CH321-52L19	CHORI-321	2R	8546539	8636829
CH321-52L22	CHORI-321	3R	18619116	18730505
CH321-52M04	CHORI-321	3R	23385061	23483812
CH321-52M05	CHORI-321	3R	27073950	27169313
CH321-52M07	CHORI-321	3L	20334973	20430484

CH321-52M10	CHORI-321	2L	16814990	16904835
CH321-52M16	CHORI-321	3R	9296858	9375740
CH321-52M18	CHORI-321	3R	3326963	3400062
CH321-52M22	CHORI-321	3L	8098565	8189486
CH321-52N13	CHORI-321	2R	10935437	11033422
CH321-52O07	CHORI-321	X	726446	846343
CH321-52O08	CHORI-321	3R	17862789	17948591
CH321-52O13	CHORI-321	3R	2741677	2848743
CH321-52O14	CHORI-321	3L	3938799	4018213
CH321-52O18	CHORI-321	2L	10363390	10419890
CH321-52P01	CHORI-321	3L	4696464	4782286
CH321-53B08	CHORI-321	3L	11987097	12073642
CH321-53B10	CHORI-321	3L	10709966	10812797
CH321-53B12	CHORI-321	3R	14508164	14596768
CH321-53B16	CHORI-321	2R	4427309	4508668
CH321-53C05	CHORI-321	3R	23806549	23889963
CH321-53C11	CHORI-321	3L	23576321	23661295
CH321-53D06	CHORI-321	3L	12727427	12806354
CH321-53D09	CHORI-321	2L	1362821	1425452
CH321-53D12	CHORI-321	3RHet	8888	69865
CH321-53D14	CHORI-321	3R	16618296	16713932
CH321-53D17	CHORI-321	X	14134473	14216348
CH321-53D18	CHORI-321	3L	11034064	11124813
CH321-53D20	CHORI-321	3R	5073220	5162301
CH321-53D21	CHORI-321	2L	7432083	7519466
CH321-53E06	CHORI-321	3R	20729565	20773732
CH321-53E07	CHORI-321	3L	5169431	5257561
CH321-53E12	CHORI-321	X	22221962	22289772
CH321-53E16	CHORI-321	3L	16274355	16345979
CH321-53E19	CHORI-321	2R	446519	523241
CH321-53F04	CHORI-321	3R	8273882	8349931
CH321-53F06	CHORI-321	3L	15407117	15497181
CH321-53F13	CHORI-321	3R	15748688	15845364
CH321-53F15	CHORI-321	3R	16688335	16779089
CH321-53F19	CHORI-321	2L	2240504	2340380
CH321-53F21	CHORI-321	2L	16312753	16405012
CH321-53G13	CHORI-321	X	6112571	6227488
CH321-53G17	CHORI-321	2R	11261851	11368236
CH321-53H03	CHORI-321	2L	4949487	5037417
CH321-53H04	CHORI-321	3R	11520529	11620077
CH321-53H05	CHORI-321	3L	21061882	21151653
CH321-53H17	CHORI-321	3L	186624	281286
CH321-53H19	CHORI-321	3L	3458975	3551941
CH321-53H20	CHORI-321	2L	6670542	6748914
CH321-53I05	CHORI-321	X	20436900	20513958
CH321-53I08	CHORI-321	X	16082229	16186087
CH321-53I12	CHORI-321	3L	21207524	21320919
CH321-53I13	CHORI-321	X	12075372	12127123
CH321-53I21	CHORI-321	3L	6617841	6693702
CH321-53J10	CHORI-321	3L	9494119	9593315
CH321-53J11	CHORI-321	2L	22433089	22475992
CH321-53J12	CHORI-321	2R	19151251	19233958
CH321-53J13	CHORI-321	2R	17808726	17900936
CH321-53J16	CHORI-321	X	3866905	3951427

CH321-53K12	CHORI-321	2L	15941856	16037431
CH321-53K14	CHORI-321	3L	4687345	4771427
CH321-53K15	CHORI-321	3L	13738051	13802441
CH321-53K20	CHORI-321	2L	654412	757079
CH321-53L04	CHORI-321	X	19878750	19972064
CH321-53L13	CHORI-321	2L	859650	944026
CH321-53L19	CHORI-321	3R	11603235	11687060
CH321-53M11	CHORI-321	3R	7907199	8020549
CH321-53M15	CHORI-321	3R	19598772	19682229
CH321-53M17	CHORI-321	X	19453285	19505868
CH321-53M18	CHORI-321	3R	19674172	19763030
CH321-53N04	CHORI-321	2R	19171757	19266545
CH321-53N05	CHORI-321	3R	20933118	20973198
CH321-53N07	CHORI-321	3R	27222293	27305276
CH321-53N09	CHORI-321	X	4721245	4798450
CH321-53N11	CHORI-321	2L	16507018	16607166
CH321-53N14	CHORI-321	2L	6928211	7024358
CH321-53N15	CHORI-321	3R	2966483	3071890
CH321-53N20	CHORI-321	2L	5267902	5365205
CH321-53O11	CHORI-321	2R	12382535	12463092
CH321-53O13	CHORI-321	3L	1656483	1770193
CH321-53O22	CHORI-321	2R	20360694	20454084
CH321-54C12	CHORI-321	3R	14321018	14416821
CH321-54D04	CHORI-321	2L	11862894	11945841
CH321-54D05	CHORI-321	2R	13593972	13678048
CH321-54D06	CHORI-321	3L	11373924	11465085
CH321-54D11	CHORI-321	2R	19098253	19195682
CH321-54D16	CHORI-321	3L	23502015	23573869
CH321-54D17	CHORI-321	2R	2371523	2447026
CH321-54E12	CHORI-321	X	8886291	8985220
CH321-54E13	CHORI-321	3L	7178635	7266360
CH321-54E14	CHORI-321	2R	12555438	12649342
CH321-54E15	CHORI-321	3R	20484834	20583617
CH321-54F02	CHORI-321	2L	18477615	18560887
CH321-54F07	CHORI-321	3R	14397615	14476902
CH321-54F08	CHORI-321	2L	22441054	22526884
CH321-54F12	CHORI-321	X	3915075	3994233
CH321-54F17	CHORI-321	3L	5348386	5426079
CH321-54F19	CHORI-321	2L	11647114	11743542
CH321-54F23	CHORI-321	3R	12540418	12623527
CH321-54G02	CHORI-321	2L	4324606	4421804
CH321-54G07	CHORI-321	3L	2761751	2852809
CH321-54G09	CHORI-321	3L	11486229	11566483
CH321-54G13	CHORI-321	2L	8265637	8358207
CH321-54G15	CHORI-321	2L	3348609	3447217
CH321-54H05	CHORI-321	2L	5328186	5420340
CH321-54H06	CHORI-321	3L	8228913	8312169
CH321-54H07	CHORI-321	2L	17087940	17179700
CH321-54H08	CHORI-321	2L	10221839	10325530
CH321-54H10	CHORI-321	2L	17059583	17136912
CH321-54H13	CHORI-321	2L	14811751	14909798
CH321-54H15	CHORI-321	3R	12877013	12961947
CH321-54H19	CHORI-321	2R	20500693	20587959
CH321-54H20	CHORI-321	2L	14449548	14548214

CH321-54H21	CHORI-321	3R	17955627	18051125
CH321-54I05	CHORI-321	3L	7897266	7987635
CH321-54I13	CHORI-321	3R	10923311	11005756
CH321-54I14	CHORI-321	3L	1417788	1505616
CH321-54I15	CHORI-321	3L	8116259	8212165
CH321-54I21	CHORI-321	2L	2672714	2754709
CH321-54J07	CHORI-321	2R	15026071	15095787
CH321-54J09	CHORI-321	2L	6584928	6664848
CH321-54J15	CHORI-321	X	6340009	6445094
CH321-54J17	CHORI-321	3L	21834703	21940853
CH321-54J19	CHORI-321	3R	22614270	22696511
CH321-54K14	CHORI-321	X	7073355	7154758
CH321-54L06	CHORI-321	3R	14899304	14995167
CH321-54L19	CHORI-321	3L	11748887	11842945
CH321-54L20	CHORI-321	3L	1507372	1594298
CH321-54M17	CHORI-321	2R	16416756	16517552
CH321-54N15	CHORI-321	2R	9385251	9478396
CH321-54N17	CHORI-321	3R	3559284	3651998
CH321-54N19	CHORI-321	3L	4942336	5023874
CH321-54P17	CHORI-321	2L	9126953	9204077
CH321-55B04	CHORI-321	2L	2801213	2894751
CH321-55C04	CHORI-321	2L	18431279	18517567
CH321-55D05	CHORI-321	2R	18218248	18301747
CH321-55D09	CHORI-321	3R	25018402	25101378
CH321-55D16	CHORI-321	3R	3623673	3697684
CH321-55D18	CHORI-321	2R	11452601	11556634
CH321-55E04	CHORI-321	2R	13162875	13269553
CH321-55E10	CHORI-321	2R	2343444	2432112
CH321-55E16	CHORI-321	2L	21322743	21410627
CH321-55F02	CHORI-321	3R	12291605	12394141
CH321-55F06	CHORI-321	2R	10552489	10638156
CH321-55F10	CHORI-321	3L	16738485	16838632
CH321-55F13	CHORI-321	2L	17407982	17482933
CH321-55F14	CHORI-321	2R	16783983	16868436
CH321-55F18	CHORI-321	2R	10349978	10459110
CH321-55F19	CHORI-321	2R	1371259	1465109
CH321-55G04	CHORI-321	2R	9243192	9309044
CH321-55G08	CHORI-321	3L	17040664	17121521
CH321-55G14	CHORI-321	X	17834048	17917062
CH321-55G19	CHORI-321	2R	7435964	7531649
CH321-55G22	CHORI-321	X	671662	773628
CH321-55G23	CHORI-321	2R	1748153	1827926
CH321-55H05	CHORI-321	3R	25976739	26076850
CH321-55H06	CHORI-321	X	17158835	17260246
CH321-55H09	CHORI-321	3R	15121891	15204120
CH321-55H18	CHORI-321	3R	882519	986919
CH321-55H19	CHORI-321	3R	20999179	21085923
CH321-55H24	CHORI-321	3R	11065578	11173680
CH321-55I02	CHORI-321	3R	9761285	9801995
CH321-55I08	CHORI-321	2R	3938109	4025259
CH321-55I21	CHORI-321	2R	14925224	15000478
CH321-55J05	CHORI-321	X	19392015	19487050
CH321-55J08	CHORI-321	2L	6165732	6258573
CH321-55J10	CHORI-321	X	8596218	8670943

CH321-55J16	CHORI-321	3R	2974469	3070404
CH321-55J18	CHORI-321	3R	22739295	22823605
CH321-55J20	CHORI-321	3R	23405166	23500118
CH321-55K04	CHORI-321	3L	12244493	12346135
CH321-55K08	CHORI-321	3R	15635207	15685897
CH321-55K15	CHORI-321	2L	6328518	6412628
CH321-55L02	CHORI-321	2L	8113002	8202422
CH321-55L06	CHORI-321	2R	10574661	10650706
CH321-55L18	CHORI-321	2L	18973449	19061171
CH321-55L20	CHORI-321	2R	17236571	17330354
CH321-55M06	CHORI-321	3R	5293418	5378665
CH321-55M11	CHORI-321	3L	20546210	20644050
CH321-55M12	CHORI-321	2R	3544637	3590420
CH321-55M18	CHORI-321	2R	452028	554556
CH321-55N01	CHORI-321	2R	3922403	4010309
CH321-55N23	CHORI-321	2R	16677981	16766303
CH321-55N24	CHORI-321	3R	17322689	17414493
CH321-55P01	CHORI-321	2L	9100376	9159790
CH321-55P14	CHORI-321	3L	17195253	17246426
CH321-55P22	CHORI-321	X	4329873	4428033
CH321-56B03	CHORI-321	3R	26102057	26199460
CH321-56B04	CHORI-321	3L	20609699	20687613
CH321-56B11	CHORI-321	2L	1854126	1935488
CH321-56B13	CHORI-321	2L	21754263	21835115
CH321-56B15	CHORI-321	2R	5670807	5752274
CH321-56B18	CHORI-321	2L	115988	204354
CH321-56B19	CHORI-321	3R	302598	392831
CH321-56B21	CHORI-321	3R	27136941	27217348
CH321-56B23	CHORI-321	3R	14479262	14561863
CH321-56C03	CHORI-321	2L	3936058	4030397
CH321-56C19	CHORI-321	3R	19012351	19108422
CH321-56D02	CHORI-321	2L	3583282	3642191
CH321-56D03	CHORI-321	2R	10855539	10952044
CH321-56D09	CHORI-321	X	1016380	1119661
CH321-56D11	CHORI-321	2L	1396145	1489828
CH321-56D13	CHORI-321	2L	20930751	21013692
CH321-56D19	CHORI-321	2R	19455696	19538219
CH321-56D20	CHORI-321	2R	19592	113174
CH321-56D21	CHORI-321	3R	8359438	8454724
CH321-56E01	CHORI-321	3L	338765	434516
CH321-56E03	CHORI-321	3R	5951914	6031485
CH321-56E21	CHORI-321	2R	17300244	17388831
CH321-56F02	CHORI-321	3R	10769245	10863702
CH321-56F05	CHORI-321	X	14120818	14167180
CH321-56F07	CHORI-321	2L	22818042	22895705
CH321-56F09	CHORI-321	2L	10020768	10109750
CH321-56F11	CHORI-321	3R	4028622	4116753
CH321-56F19	CHORI-321	3R	8537492	8641064
CH321-56F20	CHORI-321	2L	13933359	14004762
CH321-56F23	CHORI-321	3L	13638057	13725639
CH321-56G04	CHORI-321	X	9211141	9296514
CH321-56G15	CHORI-321	X	20287649	20389867
CH321-56G16	CHORI-321	3L	12190280	12273628
CH321-56G23	CHORI-321	2R	20773862	20860132

CH321-56H05	CHORI-321	3R	15759585	15860570
CH321-56H17	CHORI-321	X	13578043	13659706
CH321-56H23	CHORI-321	2R	3965213	4053756
CH321-56I02	CHORI-321	2L	6535547	6627511
CH321-56I09	CHORI-321	2L	11880045	11989540
CH321-56I13	CHORI-321	X	17102319	17206782
CH321-56I14	CHORI-321	2L	3061330	3156555
CH321-56I15	CHORI-321	2R	17719848	17814565
CH321-56I17	CHORI-321	3R	20219483	20277194
CH321-56I18	CHORI-321	3R	21540677	21643010
CH321-56I19	CHORI-321	3R	2521167	2600809
CH321-56J06	CHORI-321	X	16221199	16264518
CH321-56J10	CHORI-321	3L	20383345	20473961
CH321-56J15	CHORI-321	2L	1742095	1817006
CH321-56J16	CHORI-321	2L	16939076	17041436
CH321-56J17	CHORI-321	2R	9603655	9705501
CH321-56J20	CHORI-321	3L	18738756	18824165
CH321-56J24	CHORI-321	2R	11459932	11543534
CH321-56K02	CHORI-321	2L	8292358	8371962
CH321-56K03	CHORI-321	X	13413182	13495602
CH321-56K05	CHORI-321	3R	17321322	17411619
CH321-56K08	CHORI-321	3L	17984284	18069574
CH321-56K11	CHORI-321	3L	15184244	15266685
CH321-56K12	CHORI-321	2R	7190306	7261686
CH321-56K17	CHORI-321	3R	18392402	18494618
CH321-56K21	CHORI-321	2R	7386549	7463487
CH321-56K23	CHORI-321	3R	4778947	4870342
CH321-56L04	CHORI-321	3L	17959094	18038275
CH321-56L15	CHORI-321	2L	6198820	6283626
CH321-56L16	CHORI-321	3R	16697178	16799314
CH321-56L17	CHORI-321	2L	14165221	14262635
CH321-56L18	CHORI-321	3R	18613824	18700747
CH321-56L21	CHORI-321	3L	6174459	6293069
CH321-56M11	CHORI-321	2L	11453512	11537814
CH321-56M21	CHORI-321	X	4801179	4891951
CH321-56N11	CHORI-321	X	15615549	15704276
CH321-56N14	CHORI-321	2L	7456121	7545499
CH321-56N18	CHORI-321	2L	15479899	15582983
CH321-56N24	CHORI-321	2R	3135444	3232969
CH321-56O03	CHORI-321	X	19362456	19458695
CH321-56O05	CHORI-321	2R	16557377	16641627
CH321-56O15	CHORI-321	X	19945274	20042811
CH321-56O19	CHORI-321	2R	15275018	15389131
CH321-57A02	CHORI-321	2L	2476482	2579700
CH321-57A04	CHORI-321	3L	20389140	20477988
CH321-57A05	CHORI-321	3L	23089476	23170309
CH321-57A06	CHORI-321	3R	8631406	8717905
CH321-57A07	CHORI-321	3L	17255172	17364553
CH321-57A08	CHORI-321	2L	10756951	10843354
CH321-57A11	CHORI-321	X	18028523	18116072
CH321-57A13	CHORI-321	2R	15800601	15845419
CH321-57A14	CHORI-321	3R	8047186	8130322
CH321-57A15	CHORI-321	3R	8547590	8625390
CH321-57A16	CHORI-321	X	12448086	12538226

CH321-57A19	CHORI-321	2R	14699008	14798587
CH321-57A20	CHORI-321	2RHet	927705	1009544
CH321-57A21	CHORI-321	3R	23508221	23597072
CH321-57A22	CHORI-321	3L	1635501	1716548
CH321-57A23	CHORI-321	2L	2491096	2574792
CH321-57A24	CHORI-321	3R	14654231	14743190
CH321-57B02	CHORI-321	3L	19247470	19338847
CH321-57B03	CHORI-321	X	17349833	17432976
CH321-57B05	CHORI-321	2R	3530271	3571505
CH321-57B06	CHORI-321	3L	5866104	5959806
CH321-57B07	CHORI-321	2L	2893990	2960998
CH321-57B08	CHORI-321	2R	19331772	19439304
CH321-57B09	CHORI-321	2L	9513856	9600757
CH321-57B10	CHORI-321	3R	22113318	22203592
CH321-57B11	CHORI-321	2R	14933881	15002311
CH321-57B13	CHORI-321	3L	2508992	2593563
CH321-57B14	CHORI-321	2L	9031873	9073870
CH321-57B15	CHORI-321	2L	20599933	20691223
CH321-57B16	CHORI-321	2L	7498073	7585351
CH321-57B17	CHORI-321	X	1550005	1636963
CH321-57B18	CHORI-321	X	15117008	15199581
CH321-57B19	CHORI-321	X	20296209	20391246
CH321-57B20	CHORI-321	3L	6225242	6314308
CH321-57B21	CHORI-321	2L	17694491	17779092
CH321-57B22	CHORI-321	X	12986558	13078631
CH321-57C04	CHORI-321	X	15871570	15965102
CH321-57C05	CHORI-321	2R	8304587	8404295
CH321-57C09	CHORI-321	3L	21333135	21425404
CH321-57C10	CHORI-321	X	17556779	17628713
CH321-57C12	CHORI-321	3R	15448093	15492580
CH321-57C13	CHORI-321	2L	12167119	12270740
CH321-57C16	CHORI-321	X	16907462	17004671
CH321-57C17	CHORI-321	2R	2493142	2588434
CH321-57C18	CHORI-321	2R	7308483	7388381
CH321-57C19	CHORI-321	3L	9706542	9791880
CH321-57C20	CHORI-321	X	16837403	16922551
CH321-57D03	CHORI-321	X	3170937	3269171
CH321-57D05	CHORI-321	3R	24516328	24613975
CH321-57D08	CHORI-321	X	20809404	20894753
CH321-57D10	CHORI-321	3R	6810660	6900628
CH321-57D12	CHORI-321	2L	5736058	5838170
CH321-57D15	CHORI-321	2L	19301195	19379288
CH321-57D17	CHORI-321	2L	16341766	16435666
CH321-57D20	CHORI-321	3R	13757062	13834573
CH321-57D21	CHORI-321	3L	15531842	15626285
CH321-57E03	CHORI-321	2R	13465099	13559205
CH321-57E04	CHORI-321	3R	21732673	21818904
CH321-57E06	CHORI-321	3L	21891525	21984850
CH321-57E07	CHORI-321	X	820215	918597
CH321-57E09	CHORI-321	X	2521057	2613473
CH321-57E20	CHORI-321	3L	4017220	4119082
CH321-57E22	CHORI-321	2L	7505209	7589433
CH321-57E23	CHORI-321	2L	18265270	18357322
CH321-57E24	CHORI-321	2R	13709677	13800252

CH321-57F01	CHORI-321	3R	8056822	8146379
CH321-57F02	CHORI-321	3R	18860635	18943017
CH321-57F03	CHORI-321	3R	4907243	5010778
CH321-57F04	CHORI-321	X	16178468	16275063
CH321-57F06	CHORI-321	2R	9152882	9241910
CH321-57F12	CHORI-321	2L	9783478	9878940
CH321-57F13	CHORI-321	3L	8795712	8873906
CH321-57F23	CHORI-321	X	2912465	2961093
CH321-57F24	CHORI-321	2L	19813320	19898309
CH321-57G01	CHORI-321	X	7837020	7910868
CH321-57G02	CHORI-321	2L	22023504	22077226
CH321-57G03	CHORI-321	2L	8070295	8128643
CH321-57G07	CHORI-321	X	8579975	8657415
CH321-57G09	CHORI-321	X	17399897	17472562
CH321-57G20	CHORI-321	3R	1975027	2066405
CH321-57G21	CHORI-321	2R	20113197	20198191
CH321-57H01	CHORI-321	2L	14674157	14776554
CH321-57H03	CHORI-321	2L	5876184	5970099
CH321-57H04	CHORI-321	2L	17597437	17672732
CH321-57H05	CHORI-321	X	16194277	16277609
CH321-57H06	CHORI-321	X	20720501	20803898
CH321-57H09	CHORI-321	X	10759288	10862574
CH321-57H11	CHORI-321	3R	4298507	4392624
CH321-57H22	CHORI-321	3L	19586192	19679223
CH321-57H24	CHORI-321	3R	8873868	8957048
CH321-57I01	CHORI-321	3R	14980457	15044271
CH321-57I02	CHORI-321	3R	8587467	8687226
CH321-57I03	CHORI-321	X	21241484	21339859
CH321-57I04	CHORI-321	3R	5706901	5790353
CH321-57I06	CHORI-321	2L	11847364	11945706
CH321-57I08	CHORI-321	2R	1984335	2061863
CH321-57I10	CHORI-321	3L	296882	383611
CH321-57I11	CHORI-321	3L	10676635	10776826
CH321-57I13	CHORI-321	3L	6838237	6940753
CH321-57I14	CHORI-321	3R	11976107	12093133
CH321-57I20	CHORI-321	2L	4261384	4344959
CH321-57I21	CHORI-321	3R	26541821	26641848
CH321-57I22	CHORI-321	2L	707535	824468
CH321-57I23	CHORI-321	X	4721245	4799422
CH321-57J02	CHORI-321	3L	3642497	3731295
CH321-57J05	CHORI-321	2L	10494597	10590593
CH321-57J06	CHORI-321	2L	16384360	16489375
CH321-57J07	CHORI-321	2L	18285580	18369615
CH321-57J08	CHORI-321	2L	3151447	3234007
CH321-57J09	CHORI-321	2L	15753523	15844160
CH321-57J19	CHORI-321	2R	20540739	20636530
CH321-57J20	CHORI-321	2R	6563261	6665680
CH321-57J22	CHORI-321	3L	3092958	3185758
CH321-57J23	CHORI-321	3R	2654901	2752030
CH321-57J24	CHORI-321	3R	2188859	2270197
CH321-57K01	CHORI-321	X	21314883	21391373
CH321-57K02	CHORI-321	3L	10498557	10593524
CH321-57K03	CHORI-321	3L	19793837	19884613
CH321-57K05	CHORI-321	3R	5936551	6014182

CH321-57K08	CHORI-321	X	17043805	17125687
CH321-57K10	CHORI-321	3R	6961102	7045136
CH321-57K11	CHORI-321	2L	19021299	19109558
CH321-57K15	CHORI-321	3L	21548056	21626902
CH321-57K17	CHORI-321	2RHet	3147898	3214534
CH321-57K19	CHORI-321	3R	19468092	19556836
CH321-57K20	CHORI-321	2R	8818200	8920306
CH321-57K22	CHORI-321	2L	12535222	12639899
CH321-57K23	CHORI-321	3L	19166380	19214495
CH321-57L01	CHORI-321	2L	12496914	12537952
CH321-57L02	CHORI-321	2L	12739162	12824220
CH321-57L04	CHORI-321	X	12668601	12760253
CH321-57L05	CHORI-321	2R	92594	178357
CH321-57L07	CHORI-321	3L	10455012	10551534
CH321-57L09	CHORI-321	2L	6200074	6290129
CH321-57L19	CHORI-321	3R	917117	1008196
CH321-57L20	CHORI-321	2L	22104191	22190820
CH321-57L21	CHORI-321	2L	929554	1016194
CH321-57L22	CHORI-321	X	9369443	9442018
CH321-57M02	CHORI-321	2R	14287885	14390135
CH321-57M05	CHORI-321	3L	24446847	24532113
CH321-57M06	CHORI-321	3L	5526444	5611731
CH321-57M07	CHORI-321	3L	8403640	8487862
CH321-57M16	CHORI-321	2L	11016163	11109612
CH321-57M17	CHORI-321	3L	13424157	13501603
CH321-57M21	CHORI-321	2R	18710051	18795090
CH321-57M22	CHORI-321	3R	7935067	8019810
CH321-57M23	CHORI-321	3R	23603143	23698969
CH321-57M24	CHORI-321	X	6340009	6431250
CH321-57N01	CHORI-321	2L	15200272	15292954
CH321-57N02	CHORI-321	3R	22789012	22897082
CH321-57N05	CHORI-321	3L	4604681	4694549
CH321-57N06	CHORI-321	2R	15023192	15112998
CH321-57N08	CHORI-321	3R	12019014	12129001
CH321-57N18	CHORI-321	2L	9141114	9216142
CH321-57N19	CHORI-321	3R	9451388	9537402
CH321-57N20	CHORI-321	3R	11449584	11533132
CH321-57N21	CHORI-321	3RHet	1336721	1409855
CH321-57N22	CHORI-321	X	16261055	16344878
CH321-57N23	CHORI-321	3L	5162718	5248089
CH321-57O05	CHORI-321	3R	16059137	16133054
CH321-57O06	CHORI-321	3L	88177	146161
CH321-57O07	CHORI-321	2L	15887376	15974565
CH321-57O08	CHORI-321	2R	5749240	5842097
CH321-57O09	CHORI-321	2L	7446266	7545373
CH321-57O12	CHORI-321	3L	9097277	9181054
CH321-57O14	CHORI-321	X	19194810	19271815
CH321-57O15	CHORI-321	3R	14109182	14210336
CH321-57O19	CHORI-321	2L	4101335	4203606
CH321-57O21	CHORI-321	2L	8526416	8596320
CH321-57O24	CHORI-321	2L	6306000	6421274
CH321-57P03	CHORI-321	3L	22394066	22481771
CH321-57P04	CHORI-321	2L	1951990	2038578
CH321-57P05	CHORI-321	X	17330037	17432976

CH321-57P06	CHORI-321	3R	7704777	7781002
CH321-57P10	CHORI-321	2L	13167280	13253064
CH321-57P11	CHORI-321	2R	11621653	11694849
CH321-57P12	CHORI-321	3R	9382765	9476203
CH321-57P13	CHORI-321	3L	16116122	16209605
CH321-57P17	CHORI-321	2R	10573970	10685641
CH321-57P18	CHORI-321	2L	19177899	19265958
CH321-57P20	CHORI-321	2RHet	672620	757308
CH321-57P21	CHORI-321	3L	2307103	2393434
CH321-58A04	CHORI-321	2R	20460979	20549270
CH321-58A05	CHORI-321	3L	14537531	14604895
CH321-58A07	CHORI-321	3R	909967	993193
CH321-58A08	CHORI-321	2L	7356009	7434606
CH321-58A09	CHORI-321	3R	24030475	24125439
CH321-58A11	CHORI-321	2R	9343275	9428991
CH321-58A13	CHORI-321	3L	3780642	3874513
CH321-58A14	CHORI-321	3L	10285056	10391343
CH321-58A15	CHORI-321	3R	17661352	17738051
CH321-58A17	CHORI-321	2R	7814586	7913888
CH321-58A18	CHORI-321	3R	14397615	14476902
CH321-58A19	CHORI-321	2L	19894942	19990534
CH321-58A23	CHORI-321	2R	3471264	3583646
CH321-58B02	CHORI-321	3L	20304232	20401421
CH321-58B04	CHORI-321	3R	21287380	21385563
CH321-58B05	CHORI-321	3L	14738216	14821841
CH321-58B06	CHORI-321	2R	11293564	11371792
CH321-58B09	CHORI-321	3L	14144989	14254682
CH321-58B12	CHORI-321	ArmU	1089850	1182242
CH321-58B17	CHORI-321	3L	574329	645683
CH321-58B19	CHORI-321	2L	14325026	14422984
CH321-58B22	CHORI-321	3L	11124810	11227544
CH321-58C01	CHORI-321	3R	19458978	19542757
CH321-58C02	CHORI-321	3R	21216257	21258635
CH321-58C04	CHORI-321	3R	8585223	8668286
CH321-58C17	CHORI-321	2R	4395115	4479987
CH321-58C24	CHORI-321	3R	11653597	11749595
CH321-58D02	CHORI-321	3R	23092061	23178834
CH321-58D06	CHORI-321	3L	22615331	22696751
CH321-58D07	CHORI-321	2R	20362269	20420493
CH321-58D11	CHORI-321	2R	7102136	7209589
CH321-58D21	CHORI-321	3R	669466	772460
CH321-58D23	CHORI-321	3R	3265972	3366016
CH321-58E02	CHORI-321	3L	19307120	19412161
CH321-58E03	CHORI-321	2L	3348978	3450446
CH321-58E07	CHORI-321	3R	16980494	17060092
CH321-58E09	CHORI-321	3R	26991539	27092207
CH321-58E22	CHORI-321	3L	12868854	12962239
CH321-58F01	CHORI-321	3L	11968482	12055549
CH321-58F02	CHORI-321	2L	11809875	11902686
CH321-58F04	CHORI-321	3L	10167380	10243871
CH321-58F05	CHORI-321	X	19265184	19306479
CH321-58F08	CHORI-321	3R	16349544	16445672
CH321-58F22	CHORI-321	3L	3711708	3805827
CH321-58F23	CHORI-321	3R	10211612	10307462

CH321-58F24	CHORI-321	3R	13023709	13114574
CH321-58G02	CHORI-321	2L	7520884	7612023
CH321-58G03	CHORI-321	3R	1727290	1818157
CH321-58G04	CHORI-321	3R	3690167	3786477
CH321-58G07	CHORI-321	3R	12614957	12715417
CH321-58G23	CHORI-321	2L	12319357	12401195
CH321-58H01	CHORI-321	3R	5100561	5194248
CH321-58H02	CHORI-321	3R	21640080	21734059
CH321-58H03	CHORI-321	3R	14462545	14560801
CH321-58H04	CHORI-321	2R	4518056	4618357
CH321-58I01	CHORI-321	2L	3887537	3972210
CH321-58I02	CHORI-321	3R	4565716	4655862
CH321-58I06	CHORI-321	2L	11268939	11353033
CH321-58I19	CHORI-321	2L	13831752	13915431
CH321-58I21	CHORI-321	3L	9511522	9607824
CH321-58J01	CHORI-321	2L	4795326	4886352
CH321-58J02	CHORI-321	3L	5761096	5874668
CH321-58J06	CHORI-321	2R	3883843	3985954
CH321-58J11	CHORI-321	3R	12843149	12948779
CH321-58J24	CHORI-321	3R	3969688	4056022
CH321-58K03	CHORI-321	2L	16535282	16640527
CH321-58K05	CHORI-321	3R	12091370	12193609
CH321-58K06	CHORI-321	3L	22137291	22228021
CH321-58K08	CHORI-321	3L	7239342	7331396
CH321-58K11	CHORI-321	3L	13372941	13469235
CH321-58K22	CHORI-321	2R	12590807	12667247
CH321-58L02	CHORI-321	2L	14232333	14332326
CH321-58L06	CHORI-321	X	9286294	9391019
CH321-58L17	CHORI-321	3R	22670138	22750580
CH321-58L21	CHORI-321	2L	5030719	5138442
CH321-58L22	CHORI-321	2L	8930647	9034315
CH321-58M01	CHORI-321	3R	14907624	14980460
CH321-58M02	CHORI-321	2R	5111798	5193788
CH321-58M04	CHORI-321	3L	8796172	8888409
CH321-58M12	CHORI-321	3L	8541278	8626431
CH321-58N01	CHORI-321	2L	19408779	19494956
CH321-58N02	CHORI-321	2L	11020456	11093891
CH321-58N04	CHORI-321	2L	2461435	2552614
CH321-58N05	CHORI-321	3L	9350889	9431191
CH321-58N07	CHORI-321	3L	1099823	1187657
CH321-58N10	CHORI-321	3R	15211741	15292634
CH321-58O01	CHORI-321	3L	6281074	6365262
CH321-58O03	CHORI-321	X	19088875	19184715
CH321-58O04	CHORI-321	3R	10650987	10749060
CH321-58O07	CHORI-321	X	2582707	2690080
CH321-58O09	CHORI-321	3R	9251933	9345021
CH321-58O10	CHORI-321	2L	13734114	13814819
CH321-58O15	CHORI-321	2L	1198685	1280500
CH321-58O22	CHORI-321	3R	23662100	23753173
CH321-58P01	CHORI-321	3L	2272335	2353222
CH321-58P03	CHORI-321	2L	17281645	17370882
CH321-58P04	CHORI-321	3L	8783743	8873775
CH321-58P11	CHORI-321	2L	10338352	10447627
CH321-58P12	CHORI-321	3R	4681429	4769597

CH321-58P13	CHORI-321	3R	22911090	22983247
CH321-58P14	CHORI-321	2L	17067785	17156631
CH321-58P17	CHORI-321	3R	4249708	4354646
CH321-58P18	CHORI-321	3R	7802013	7886980
CH321-58P19	CHORI-321	3R	15141159	15221468
CH321-58P21	CHORI-321	2L	6550450	6650188
CH321-58P24	CHORI-321	3R	15951659	16032043
CH321-59A02	CHORI-321	2L	6203504	6279679
CH321-59A03	CHORI-321	3L	3151605	3236643
CH321-59A04	CHORI-321	3R	12165071	12244693
CH321-59A09	CHORI-321	3L	4985837	5069981
CH321-59A11	CHORI-321	3R	26454013	26553798
CH321-59A13	CHORI-321	2L	7471225	7568589
CH321-59A15	CHORI-321	2L	12489426	12579952
CH321-59A16	CHORI-321	2R	3943437	4035039
CH321-59A17	CHORI-321	X	10399970	10504305
CH321-59A20	CHORI-321	3L	11679343	11768700
CH321-59A21	CHORI-321	3R	2485019	2582277
CH321-59A22	CHORI-321	3L	15423443	15503207
CH321-59A23	CHORI-321	3L	14194312	14269733
CH321-59A24	CHORI-321	3L	8187925	8292130
CH321-59B01	CHORI-321	X	1590528	1683582
CH321-59B03	CHORI-321	2R	7729585	7822736
CH321-59B05	CHORI-321	2L	19764280	19857672
CH321-59B08	CHORI-321	3R	16193570	16268397
CH321-59B09	CHORI-321	2L	19955436	20043526
CH321-59B10	CHORI-321	2L	8044112	8117094
CH321-59B12	CHORI-321	3R	6674046	6763134
CH321-59B18	CHORI-321	3R	7151986	7244568
CH321-59B19	CHORI-321	3R	12311921	12421686
CH321-59B20	CHORI-321	3R	22187534	22273464
CH321-59B21	CHORI-321	3L	834960	906710
CH321-59B23	CHORI-321	3R	25532339	25630856
CH321-59B24	CHORI-321	2R	859046	935308
CH321-59C01	CHORI-321	3L	15388280	15446235
CH321-59C02	CHORI-321	3R	14130323	14213169
CH321-59C03	CHORI-321	X	14060581	14135765
CH321-59C04	CHORI-321	2L	15264632	15352992
CH321-59C06	CHORI-321	2L	14397970	14473294
CH321-59C08	CHORI-321	2L	15853009	15950984
CH321-59C10	CHORI-321	3L	11822827	11917336
CH321-59C11	CHORI-321	3R	1088821	1136937
CH321-59C13	CHORI-321	2R	17901566	17992703
CH321-59C14	CHORI-321	3R	17117281	17197010
CH321-59C15	CHORI-321	2R	13497555	13587817
CH321-59C16	CHORI-321	2R	1187203	1273620
CH321-59C17	CHORI-321	2R	16987920	17028413
CH321-59C18	CHORI-321	2R	9040532	9137816
CH321-59C20	CHORI-321	2L	11329050	11404949
CH321-59C21	CHORI-321	X	7505253	7596980
CH321-59D01	CHORI-321	2L	16894915	16997677
CH321-59D03	CHORI-321	3R	23777961	23881242
CH321-59D05	CHORI-321	3R	27132098	27217348
CH321-59D08	CHORI-321	2L	9916814	10030463

CH321-59D09	CHORI-321	2R	12258632	12364363
CH321-59D10	CHORI-321	2R	854607	960150
CH321-59D11	CHORI-321	2R	19978735	20059713
CH321-59D12	CHORI-321	3L	23317791	23411767
CH321-59D13	CHORI-321	3L	10633790	10709305
CH321-59D14	CHORI-321	2R	8585033	8664577
CH321-59D15	CHORI-321	2L	14637510	14725546
CH321-59D16	CHORI-321	3R	22631121	22730985
CH321-59D18	CHORI-321	2L	18340500	18436456
CH321-59D20	CHORI-321	2R	4651977	4752898
CH321-59D21	CHORI-321	2L	2291114	2378906
CH321-59D24	CHORI-321	3L	7897409	7951362
CH321-59E01	CHORI-321	3L	16123107	16204812
CH321-59E02	CHORI-321	2L	14344196	14435662
CH321-59E04	CHORI-321	2R	14736623	14822902
CH321-59E05	CHORI-321	3L	17226397	17305239
CH321-59E06	CHORI-321	X	15347274	15438235
CH321-59E07	CHORI-321	3L	15155386	15243273
CH321-59E10	CHORI-321	2L	4036684	4120797
CH321-59E11	CHORI-321	2L	4228306	4316994
CH321-59E12	CHORI-321	2L	9829714	9916382
CH321-59E13	CHORI-321	X	9382285	9461638
CH321-59E18	CHORI-321	2L	19416317	19530714
CH321-59E20	CHORI-321	2L	7090820	7168536
CH321-59E22	CHORI-321	2L	14683878	14774675
CH321-59F01	CHORI-321	3L	5375228	5454912
CH321-59F02	CHORI-321	3L	14141080	14224881
CH321-59F03	CHORI-321	4	616077	719992
CH321-59F04	CHORI-321	3R	25143023	25218236
CH321-59F05	CHORI-321	X	18082264	18170391
CH321-59F06	CHORI-321	3R	3785716	3829197
CH321-59F07	CHORI-321	2R	18215869	18308271
CH321-59F08	CHORI-321	3L	4473149	4568922
CH321-59F09	CHORI-321	3R	14297103	14392394
CH321-59F10	CHORI-321	2R	8830933	8913836
CH321-59F15	CHORI-321	3L	21675834	21770330
CH321-59F16	CHORI-321	3L	22552669	22635373
CH321-59F17	CHORI-321	2R	12913354	13013710
CH321-59F18	CHORI-321	3R	15084768	15186140
CH321-59F19	CHORI-321	3L	19461160	19539875
CH321-59F20	CHORI-321	2L	8201785	8290523
CH321-59F21	CHORI-321	3R	16155247	16241330
CH321-59F23	CHORI-321	2L	1480203	1566935
CH321-59F24	CHORI-321	3R	11161593	11262853
CH321-59G03	CHORI-321	2L	6777020	6861250
CH321-59G06	CHORI-321	3L	8051682	8148210
CH321-59G07	CHORI-321	3L	200762	295189
CH321-59G08	CHORI-321	X	4663633	4747671
CH321-59G09	CHORI-321	2R	14406113	14500075
CH321-59G10	CHORI-321	2L	107317	209046
CH321-59G19	CHORI-321	2R	976627	1051668
CH321-59G20	CHORI-321	3L	13575631	13669458
CH321-59G23	CHORI-321	2R	14769786	14853972
CH321-59G24	CHORI-321	3R	18573994	18652406

CH321-59H05	CHORI-321	3R	4778340	4863098
CH321-59H08	CHORI-321	X	3143691	3234026
CH321-59H13	CHORI-321	X	16188051	16268977
CH321-59H14	CHORI-321	2R	13392000	13488793
CH321-59H20	CHORI-321	3L	22105873	22193917
CH321-59H21	CHORI-321	2L	20688942	20790165
CH321-59H22	CHORI-321	3R	22130571	22172929
CH321-59H23	CHORI-321	2R	8822526	8922081
CH321-59I02	CHORI-321	3L	15348047	15424970
CH321-59I03	CHORI-321	3L	11088873	11169131
CH321-59I04	CHORI-321	2L	18294068	18377339
CH321-59I11	CHORI-321	3R	20302526	20389920
CH321-59I16	CHORI-321	3R	509424	594031
CH321-59I21	CHORI-321	2R	18740658	18827163
CH321-59I22	CHORI-321	3R	5971056	6071081
CH321-59I23	CHORI-321	2L	14397970	14500630
CH321-59J03	CHORI-321	X	22042092	22123465
CH321-59J05	CHORI-321	X	16856996	16915629
CH321-59J06	CHORI-321	3L	23733324	23774192
CH321-59J07	CHORI-321	2L	3534863	3641494
CH321-59J09	CHORI-321	3R	8285214	8374256
CH321-59J10	CHORI-321	3L	1548022	1633075
CH321-59J13	CHORI-321	2L	1416591	1510186
CH321-59J14	CHORI-321	X	20618540	20681066
CH321-59J18	CHORI-321	3L	22630001	22729011
CH321-59J19	CHORI-321	2R	7628089	7709910
CH321-59J21	CHORI-321	2L	2572609	2672717
CH321-59J22	CHORI-321	2R	5056062	5110086
CH321-59J23	CHORI-321	2R	18519107	18599196
CH321-59K04	CHORI-321	3R	20963762	21043105
CH321-59K06	CHORI-321	2L	16794565	16884067
CH321-59K17	CHORI-321	3R	9493545	9590514
CH321-59K19	CHORI-321	3L	4222120	4318300
CH321-59K24	CHORI-321	3R	11473784	11519402
CH321-59L01	CHORI-321	X	7601863	7692129
CH321-59L02	CHORI-321	3R	12006940	12085257
CH321-59L03	CHORI-321	3R	4951274	5034986
CH321-59L04	CHORI-321	2L	16607663	16703925
CH321-59L12	CHORI-321	3R	9266638	9348373
CH321-59L17	CHORI-321	2L	16813634	16890815
CH321-59L19	CHORI-321	3L	5747517	5857396
CH321-59L20	CHORI-321	3L	2690928	2777108
CH321-59L21	CHORI-321	3R	3261120	3359777
CH321-59L23	CHORI-321	2R	8672094	8779500
CH321-59L24	CHORI-321	X	20566638	20645178
CH321-59M03	CHORI-321	2L	11007146	11097300
CH321-59M05	CHORI-321	3L	6253189	6329538
CH321-59M08	CHORI-321	X	3032065	3106009
CH321-59M14	CHORI-321	3R	2504705	2579257
CH321-59M21	CHORI-321	3R	16234834	16332683
CH321-59M22	CHORI-321	3L	15675726	15771172
CH321-59M24	CHORI-321	2R	15822002	15920571
CH321-59N02	CHORI-321	3L	3095233	3190299
CH321-59N03	CHORI-321	3L	23506312	23613160

CH321-59N06	CHORI-321	3R	4885158	4950225
CH321-59N07	CHORI-321	2R	1496851	1595630
CH321-59N08	CHORI-321	3L	23517613	23605887
CH321-59N09	CHORI-321	3L	24224502	24325354
CH321-59N12	CHORI-321	2R	2090218	2173370
CH321-59N14	CHORI-321	2L	14707460	14801280
CH321-59N15	CHORI-321	X	18684078	18787773
CH321-59N17	CHORI-321	3R	22399951	22498872
CH321-59N20	CHORI-321	X	20532723	20630540
CH321-59N21	CHORI-321	3L	9942698	10041946
CH321-59N24	CHORI-321	2L	12689948	12738910
CH321-59O02	CHORI-321	3R	27119109	27211597
CH321-59O03	CHORI-321	2L	3405657	3491260
CH321-59O04	CHORI-321	3L	18511266	18579314
CH321-59O06	CHORI-321	2L	18546077	18628762
CH321-59O09	CHORI-321	3R	8968871	9069484
CH321-59O11	CHORI-321	3RHet	622991	709532
CH321-59O13	CHORI-321	2L	2999309	3081154
CH321-59O15	CHORI-321	2R	17710256	17807000
CH321-59O16	CHORI-321	X	17442513	17516153
CH321-59O24	CHORI-321	2RHet	2362590	2453346
CH321-59P01	CHORI-321	2R	7830288	7919256
CH321-59P02	CHORI-321	2L	18333320	18442081
CH321-59P04	CHORI-321	3L	421116	520437
CH321-59P06	CHORI-321	X	8613317	8698628
CH321-59P09	CHORI-321	3R	5332128	5434588
CH321-59P10	CHORI-321	2L	11402877	11488449
CH321-59P11	CHORI-321	3R	6236352	6341187
CH321-59P12	CHORI-321	2R	10674926	10762763
CH321-59P16	CHORI-321	3L	14734701	14829681
CH321-59P19	CHORI-321	X	12240758	12350811
CH321-59P20	CHORI-321	3R	12456451	12546034
CH321-59P24	CHORI-321	3R	13872109	13954430
CH321-60A01	CHORI-321	X	20134482	20222051
CH321-60A02	CHORI-321	3R	3625625	3718136
CH321-60A05	CHORI-321	3L	19820817	19907711
CH321-60A06	CHORI-321	3L	14476384	14548710
CH321-60A07	CHORI-321	3L	13199429	13290298
CH321-60A08	CHORI-321	X	3164302	3252688
CH321-60A09	CHORI-321	X	4275896	4347684
CH321-60A10	CHORI-321	3R	3159641	3271835
CH321-60A11	CHORI-321	3L	75342	170394
CH321-60A12	CHORI-321	2L	5407723	5491186
CH321-60A13	CHORI-321	2L	4202111	4309766
CH321-60A14	CHORI-321	3R	2525980	2613029
CH321-60A16	CHORI-321	X	8034596	8127211
CH321-60A17	CHORI-321	3R	14703468	14794612
CH321-60A18	CHORI-321	3R	3548224	3633343
CH321-60A19	CHORI-321	2R	9880340	9960569
CH321-60A20	CHORI-321	X	12308045	12397657
CH321-60A21	CHORI-321	2R	15042839	15123294
CH321-60A22	CHORI-321	3R	14219364	14298098
CH321-60A23	CHORI-321	3R	7928253	8018554
CH321-60A24	CHORI-321	3R	9785198	9869172

CH321-60B04	CHORI-321	3L	4537418	4622834
CH321-60B07	CHORI-321	3R	8872189	8973246
CH321-60B08	CHORI-321	2L	1649739	1748391
CH321-60B10	CHORI-321	2L	10013788	10117255
CH321-60B11	CHORI-321	2R	19162181	19247505
CH321-60B14	CHORI-321	3L	18765359	18834877
CH321-60B15	CHORI-321	X	6454539	6543331
CH321-60B16	CHORI-321	3L	19810560	19914562
CH321-60B18	CHORI-321	3R	25573853	25672378
CH321-60B20	CHORI-321	X	14321322	14408892
CH321-60B21	CHORI-321	3L	23001065	23072744
CH321-60B23	CHORI-321	2L	4422413	4464719
CH321-60B24	CHORI-321	2R	13019211	13123127
CH321-60C01	CHORI-321	3L	10197285	10291040
CH321-60C03	CHORI-321	3L	7986805	8080994
CH321-60C06	CHORI-321	2L	5805237	5914586
CH321-60C09	CHORI-321	3R	18303241	18389888
CH321-60C11	CHORI-321	2L	18267200	18345797
CH321-60C13	CHORI-321	3L	15647554	15738271
CH321-60C14	CHORI-321	3R	6455805	6564460
CH321-60C16	CHORI-321	3L	18129303	18212574
CH321-60D03	CHORI-321	3R	13873486	13964242
CH321-60D08	CHORI-321	3L	112397	197850
CH321-60D09	CHORI-321	2L	5724333	5811351
CH321-60D12	CHORI-321	2R	13790343	13889679
CH321-60D15	CHORI-321	X	16788686	16852990
CH321-60D18	CHORI-321	3R	13235577	13336684
CH321-60D20	CHORI-321	2R	14616198	14694275
CH321-60D21	CHORI-321	X	11810379	11887528
CH321-60D22	CHORI-321	3R	12567669	12670478
CH321-60D23	CHORI-321	2R	9929174	10018770
CH321-60D24	CHORI-321	3R	13046407	13106627
CH321-60E01	CHORI-321	3L	4903882	4996406
CH321-60E02	CHORI-321	3L	12413010	12508642
CH321-60E03	CHORI-321	X	3889847	3976486
CH321-60E06	CHORI-321	2R	12157890	12248827
CH321-60E07	CHORI-321	3R	5752818	5838188
CH321-60E09	CHORI-321	X	6776850	6864259
CH321-60E21	CHORI-321	2R	8928512	8974761
CH321-60E24	CHORI-321	3L	9181051	9225303
CH321-60F01	CHORI-321	3L	7005357	7094728
CH321-60F02	CHORI-321	2R	12579277	12669288
CH321-60F03	CHORI-321	X	17642157	17738169
CH321-60F04	CHORI-321	3L	23606052	23697606
CH321-60F06	CHORI-321	2L	6382228	6466884
CH321-60F13	CHORI-321	3R	20764891	20845532
CH321-60F23	CHORI-321	3R	13838570	13910200
CH321-60G02	CHORI-321	3R	1418949	1504128
CH321-60G03	CHORI-321	2R	7275390	7324442
CH321-60G05	CHORI-321	2L	14339163	14427473
CH321-60G07	CHORI-321	2R	14588660	14670959
CH321-60G12	CHORI-321	2L	19290117	19383722
CH321-60G18	CHORI-321	2R	4170074	4252513
CH321-60G19	CHORI-321	3L	15450956	15530187

CH321-60G24	CHORI-321	2L	14507096	14586716
CH321-60H01	CHORI-321	3R	26098974	26174633
CH321-60H02	CHORI-321	3R	25261831	25345896
CH321-60H04	CHORI-321	3R	2306437	2396466
CH321-60H06	CHORI-321	3R	3971323	4062600
CH321-60H12	CHORI-321	3R	6133254	6221781
CH321-60H14	CHORI-321	2L	18394270	18472993
CH321-60H16	CHORI-321	3R	13026590	13126501
CH321-60H20	CHORI-321	2L	15914328	16011328
CH321-60H21	CHORI-321	2L	14724868	14816223
CH321-60I02	CHORI-321	X	16589198	16671412
CH321-60I06	CHORI-321	3L	11876012	11961723
CH321-60I13	CHORI-321	3R	10243712	10342081
CH321-60I14	CHORI-321	3R	15139867	15234842
CH321-60I16	CHORI-321	3R	21448883	21538552
CH321-60I17	CHORI-321	3L	3706957	3784029
CH321-60I19	CHORI-321	3R	20930709	21017253
CH321-60I21	CHORI-321	3L	21202684	21260063
CH321-60I22	CHORI-321	X	14144455	14231763
CH321-60I23	CHORI-321	2L	18591725	18667420
CH321-60I24	CHORI-321	X	15146071	15234351
CH321-60J01	CHORI-321	2L	10767060	10853287
CH321-60J02	CHORI-321	X	8655502	8734015
CH321-60J04	CHORI-321	3R	16006620	16097978
CH321-60J05	CHORI-321	3R	26219086	26298327
CH321-60J06	CHORI-321	3R	19186002	19268276
CH321-60J09	CHORI-321	3R	3850186	3935086
CH321-60J10	CHORI-321	3R	21358344	21459548
CH321-60J14	CHORI-321	X	5614661	5695651
CH321-60J15	CHORI-321	2R	3862473	3957348
CH321-60J19	CHORI-321	2R	12272276	12372450
CH321-60J20	CHORI-321	3LHet	1314697	1405548
CH321-60J21	CHORI-321	3L	6260431	6375976
CH321-60J22	CHORI-321	2R	5056062	5110235
CH321-60J23	CHORI-321	3L	18213116	18315544
CH321-60K02	CHORI-321	2L	16702375	16793159
CH321-60K03	CHORI-321	3R	27342219	27423056
CH321-60K04	CHORI-321	2L	9998788	10079676
CH321-60K05	CHORI-321	3R	6359153	6443776
CH321-60K06	CHORI-321	X	5584903	5678015
CH321-60K09	CHORI-321	3R	18754079	18852424
CH321-60K11	CHORI-321	3L	14431157	14530115
CH321-60K15	CHORI-321	3L	3669686	3764905
CH321-60K16	CHORI-321	3R	1717379	1794151
CH321-60K17	CHORI-321	3L	15482979	15564418
CH321-60K20	CHORI-321	X	3342797	3434956
CH321-60K21	CHORI-321	2R	11452790	11546254
CH321-60K24	CHORI-321	2L	12268348	12362357
CH321-60L03	CHORI-321	2L	5285836	5367639
CH321-60L05	CHORI-321	X	9284636	9373186
CH321-60L07	CHORI-321	2R	16335646	16411240
CH321-60L09	CHORI-321	2L	1779776	1866855
CH321-60L10	CHORI-321	3L	1036096	1129110
CH321-60L11	CHORI-321	2L	18508695	18596298

CH321-60L16	CHORI-321	3L	19613877	19700908
CH321-60L17	CHORI-321	3L	12194176	12273773
CH321-60L19	CHORI-321	2R	4053753	4136647
CH321-60L22	CHORI-321	3R	16395598	16483476
CH321-60L23	CHORI-321	2R	18589475	18670139
CH321-60L24	CHORI-321	3R	24220785	24335561
CH321-60M01	CHORI-321	X	2522681	2629137
CH321-60M02	CHORI-321	2L	22814184	22894014
CH321-60M03	CHORI-321	X	14199482	14296454
CH321-60M08	CHORI-321	2L	17837359	17943769
CH321-60M16	CHORI-321	3L	8837377	8936893
CH321-60M19	CHORI-321	2R	10304831	10396264
CH321-60M24	CHORI-321	2R	10891174	10933628
CH321-60N01	CHORI-321	2R	8332807	8422244
CH321-60N02	CHORI-321	2L	8361612	8444958
CH321-60N03	CHORI-321	3R	25440144	25548304
CH321-60N05	CHORI-321	3L	14203333	14283724
CH321-60N06	CHORI-321	2L	3396270	3440954
CH321-60N07	CHORI-321	2R	7237185	7341175
CH321-60N13	CHORI-321	2R	8845855	8920298
CH321-60N16	CHORI-321	3R	17433630	17516115
CH321-60N18	CHORI-321	3R	24741247	24838104
CH321-60N19	CHORI-321	2RHet	1458056	1551596
CH321-60N22	CHORI-321	3R	668525	758855
CH321-60N23	CHORI-321	2R	7478026	7558409
CH321-60O01	CHORI-321	3R	14085011	14179521
CH321-60O02	CHORI-321	X	818683	903494
CH321-60O04	CHORI-321	3L	12886505	12964086
CH321-60O05	CHORI-321	3L	16313549	16405439
CH321-60O09	CHORI-321	2L	4011771	4091132
CH321-60O10	CHORI-321	4	880058	975472
CH321-60O13	CHORI-321	3L	18293562	18375900
CH321-60O15	CHORI-321	3R	25577999	25667321
CH321-60O16	CHORI-321	2R	15988337	16089291
CH321-60O17	CHORI-321	3R	23569930	23676747
CH321-60O18	CHORI-321	3L	7168667	7256801
CH321-60O22	CHORI-321	3R	15833425	15920633
CH321-60O23	CHORI-321	3R	2340072	2423307
CH321-60O24	CHORI-321	X	11117922	11207915
CH321-60P02	CHORI-321	3L	20756374	20840070
CH321-60P03	CHORI-321	X	16116306	16199245
CH321-60P04	CHORI-321	2L	9623483	9705052
CH321-60P05	CHORI-321	3RHet	277206	369285
CH321-60P09	CHORI-321	3L	13277816	13378419
CH321-60P11	CHORI-321	2L	21574928	21662669
CH321-60P13	CHORI-321	4	26217 93952	
CH321-60P18	CHORI-321	2L	15166434	15268404
CH321-60P19	CHORI-321	3R	23273016	23367367
CH321-60P20	CHORI-321	2L	14669203	14764982
CH321-60P23	CHORI-321	X	7903639	7984541
CH321-61A02	CHORI-321	2R	16757890	16832677
CH321-61A04	CHORI-321	3L	18221575	18312698
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CH321-61A07	CHORI-321	2L	12832784	12917207

CH321-61A09	CHORI-321	3L	21372224	21466987
CH321-61A11	CHORI-321	X	5290134	5372720
CH321-61A16	CHORI-321	2R	2809963	2907012
CH321-61A17	CHORI-321	2L	16101636	16178062
CH321-61A18	CHORI-321	X	11679519	11772812
CH321-61A19	CHORI-321	2R	17603938	17684362
CH321-61A22	CHORI-321	3L	15062760	15152083
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CH321-61B01	CHORI-321	3R	1104331	1173660
CH321-61B02	CHORI-321	3L	6600505	6686473
CH321-61B03	CHORI-321	2R	5892849	5981620
CH321-61B06	CHORI-321	3L	15579993	15668408
CH321-61B07	CHORI-321	3RHet	627658	722320
CH321-61B09	CHORI-321	2LHet	190150	256659
CH321-61B10	CHORI-321	X	5075983	5186151
CH321-61B11	CHORI-321	3L	18169378	18255322
CH321-61B16	CHORI-321	2R	6435803	6543594
CH321-61B17	CHORI-321	3R	9487463	9576103
CH321-61B18	CHORI-321	2R	10384594	10471580
CH321-61B21	CHORI-321	3L	3494342	3555479
CH321-61B23	CHORI-321	X	14606972	14689945
CH321-61C01	CHORI-321	3L	19568357	19651005
CH321-61C03	CHORI-321	3R	4389263	4477598
CH321-61C05	CHORI-321	X	19092596	19195200
CH321-61C06	CHORI-321	2R	12521304	12601826
CH321-61C09	CHORI-321	2R	19135423	19245793
CH321-61C11	CHORI-321	2R	8588161	8672848
CH321-61C12	CHORI-321	2R	20575752	20670640
CH321-61C13	CHORI-321	X	5989720	6095019
CH321-61C14	CHORI-321	3R	17614601	17692413
CH321-61C15	CHORI-321	3L	20533262	20615823
CH321-61C16	CHORI-321	2L	8649936	8745695
CH321-61C18	CHORI-321	3R	8497759	8612599
CH321-61C24	CHORI-321	2L	21925392	22002938
CH321-61D01	CHORI-321	X	6614945	6722475
CH321-61D03	CHORI-321	2L	7473679	7523891
CH321-61D06	CHORI-321	3L	14395166	14485708
CH321-61D07	CHORI-321	2R	16040559	16120570
CH321-61D08	CHORI-321	2R	3602005	3685840
CH321-61D12	CHORI-321	3R	16275211	16322414
CH321-61E01	CHORI-321	3L	3453495	3534189
CH321-61E02	CHORI-321	2R	17372642	17452575
CH321-61E03	CHORI-321	3R	17599530	17697120
CH321-61E04	CHORI-321	2R	8899759	8990779
CH321-61E05	CHORI-321	3R	6250236	6348812
CH321-61E07	CHORI-321	3R	2238822	2329636
CH321-61E09	CHORI-321	2R	15988337	16093042
CH321-61E10	CHORI-321	2R	13521313	13600674
CH321-61E11	CHORI-321	3L	3453098	3556495
CH321-61E12	CHORI-321	2R	17956774	18057684
CH321-61E13	CHORI-321	3L	21960872	22050388
CH321-61E24	CHORI-321	2R	16440043	16496033
CH321-61F02	CHORI-321	3R	10617440	10706835
CH321-61F05	CHORI-321	2L	9807240	9888414

CH321-61F06	CHORI-321	X	20295889	20385102
CH321-61F08	CHORI-321	3R	682513	765185
CH321-61F09	CHORI-321	2R	7980347	8060082
CH321-61F11	CHORI-321	3L	15466782	15564442
CH321-61F24	CHORI-321	3R	25882094	25976022
CH321-61G01	CHORI-321	3R	4394533	4482351
CH321-61G02	CHORI-321	3R	5621484	5719372
CH321-61G04	CHORI-321	2R	5173259	5272498
CH321-61G06	CHORI-321	3L	10480530	10579492
CH321-61G07	CHORI-321	3R	17434036	17516115
CH321-61G09	CHORI-321	3L	17994000	18088302
CH321-61G10	CHORI-321	3R	10895027	10992892
CH321-61H01	CHORI-321	3L	9580797	9678089
CH321-61H02	CHORI-321	X	12148833	12255504
CH321-61H03	CHORI-321	2L	14601246	14704285
CH321-61H04	CHORI-321	3L	12307176	12384725
CH321-61H05	CHORI-321	3R	18917736	19018936
CH321-61H06	CHORI-321	2R	16693795	16738035
CH321-61H07	CHORI-321	2L	12325512	12418562
CH321-61H08	CHORI-321	3R	22497750	22606321
CH321-61H09	CHORI-321	2R	10059823	10142111
CH321-61I01	CHORI-321	3L	11349433	11418672
CH321-61I02	CHORI-321	3L	10780606	10871406
CH321-61I03	CHORI-321	3L	3040959	3147686
CH321-61I04	CHORI-321	2R	12566044	12638595
CH321-61I05	CHORI-321	X	9894455	9974236
CH321-61I06	CHORI-321	3R	4212592	4308123
CH321-61I07	CHORI-321	3L	6002817	6107170
CH321-61I08	CHORI-321	3R	25137060	25237318
CH321-61I22	CHORI-321	3R	27674410	27771115
CH321-61I23	CHORI-321	3R	24650681	24750032
CH321-61J01	CHORI-321	3L	871280	984736
CH321-61J02	CHORI-321	X	10392374	10494377
CH321-61J03	CHORI-321	3L	8174770	8265757
CH321-61J04	CHORI-321	3R	18385787	18434698
CH321-61J05	CHORI-321	3L	10199257	10285324
CH321-61J06	CHORI-321	3R	9454288	9532742
CH321-61J08	CHORI-321	X	5989679	6078803
CH321-61J10	CHORI-321	X	7369090	7464444
CH321-61J11	CHORI-321	3R	2387624	2488566
CH321-61J13	CHORI-321	3R	8379175	8477610
CH321-61J22	CHORI-321	2R	7022924	7115364
CH321-61K01	CHORI-321	3R	24462379	24553622
CH321-61K02	CHORI-321	3L	17463839	17554126
CH321-61K03	CHORI-321	3L	3529538	3610738
CH321-61K04	CHORI-321	3R	4968603	5052802
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CH321-61K07	CHORI-321	3L	15267017	15355531
CH321-61K17	CHORI-321	2L	13590944	13694506
CH321-61K20	CHORI-321	3L	8928270	9030706
CH321-61K22	CHORI-321	2L	7808772	7909574
CH321-61L01	CHORI-321	3R	5837620	5937309
CH321-61L02	CHORI-321	2L	15825007	15912875
CH321-61L03	CHORI-321	2R	12899612	13001674

CH321-61L05	CHORI-321	X	4555057	4642455
CH321-61L07	CHORI-321	4	124166	200361
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CH321-61L10	CHORI-321	3L	19082409	19165748
CH321-61L13	CHORI-321	3L	23423806	23476569
CH321-61L19	CHORI-321	2R	4007921	4100674
CH321-61L20	CHORI-321	3R	6152100	6250239
CH321-61L21	CHORI-321	3L	5352108	5455359
CH321-61M01	CHORI-321	2L	6467136	6549868
CH321-61M03	CHORI-321	2L	17331267	17418178
CH321-61M05	CHORI-321	2L	3299679	3375185
CH321-61M06	CHORI-321	3R	19844144	19894096
CH321-61M08	CHORI-321	2R	14189468	14278294
CH321-61M09	CHORI-321	3R	20933094	21021960
CH321-61M10	CHORI-321	4	328508	398316
CH321-61M19	CHORI-321	2R	17753452	17844972
CH321-61M21	CHORI-321	X	13336292	13439181
CH321-61M22	CHORI-321	3R	4715062	4809967
CH321-61M23	CHORI-321	2L	9815793	9916463
CH321-61N01	CHORI-321	2R	17524894	17605063
CH321-61N02	CHORI-321	4	120070	226117
CH321-61N03	CHORI-321	2L	4840414	4921681
CH321-61N04	CHORI-321	3R	16752200	16839193
CH321-61N05	CHORI-321	2R	4386732	4480998
CH321-61N09	CHORI-321	3R	10551076	10633173
CH321-61N17	CHORI-321	2R	5322515	5410635
CH321-61N21	CHORI-321	3L	19520353	19613874
CH321-61N22	CHORI-321	3L	18556983	18643646
CH321-61O01	CHORI-321	3R	20473191	20572972
CH321-61O02	CHORI-321	2R	7580630	7685969
CH321-61O04	CHORI-321	X	20504700	20606685
CH321-61O08	CHORI-321	2L	280286	385385
CH321-61O10	CHORI-321	X	1252086	1343846
CH321-61O12	CHORI-321	2R	2912750	2999403
CH321-61O21	CHORI-321	3L	23053347	23148872
CH321-61O24	CHORI-321	2L	13922102	14004889
CH321-61P02	CHORI-321	3L	11034577	11124040
CH321-61P03	CHORI-321	3R	3134875	3228339
CH321-61P04	CHORI-321	2R	3094267	3173711
CH321-61P05	CHORI-321	X	15626078	15701038
CH321-61P06	CHORI-321	2R	1424882	1526021
CH321-61P07	CHORI-321	3R	4986040	5061124
CH321-61P08	CHORI-321	2R	18201855	18278685
CH321-61P09	CHORI-321	2L	16527960	16605039
CH321-61P10	CHORI-321	2L	10756951	10846579
CH321-61P12	CHORI-321	3L	1522329	1612299
CH321-61P13	CHORI-321	3R	21628880	21711822
CH321-61P14	CHORI-321	2L	2464873	2568030
CH321-61P15	CHORI-321	X	3407526	3484383
CH321-62A03	CHORI-321	3L	5872356	5961289
CH321-62A04	CHORI-321	3R	4971777	5021982
CH321-62A05	CHORI-321	3L	23543086	23629920
CH321-62A07	CHORI-321	3L	8591988	8645985
CH321-62A08	CHORI-321	3R	20366880	20465278

CH321-62A11	CHORI-321	2R	14567668	14639586
CH321-62A12	CHORI-321	3R	14920224	14998838
CH321-62A14	CHORI-321	X	12537639	12633469
CH321-62A16	CHORI-321	3L	5236614	5338416
CH321-62A18	CHORI-321	2R	10054715	10153399
CH321-62A19	CHORI-321	X	958021	1066991
CH321-62A20	CHORI-321	2L	12689668	12775518
CH321-62A22	CHORI-321	X	3385304	3484547
CH321-62A23	CHORI-321	3L	18949174	19046285
CH321-62B01	CHORI-321	2L	2888749	2985823
CH321-62B03	CHORI-321	2R	16841883	16933874
CH321-62B04	CHORI-321	3L	10358953	10453859
CH321-62B06	CHORI-321	2L	13607323	13702773
CH321-62B07	CHORI-321	3R	6303701	6379044
CH321-62B11	CHORI-321	3R	4213657	4297256
CH321-62B12	CHORI-321	3L	14664273	14751737
CH321-62B14	CHORI-321	X	3919577	4015496
CH321-62B16	CHORI-321	3R	5631295	5737901
CH321-62B18	CHORI-321	X	16786371	16865737
CH321-62B19	CHORI-321	2R	18952597	19047599
CH321-62B21	CHORI-321	2R	11101409	11194537
CH321-62B23	CHORI-321	X	17870853	17973767
CH321-62C02	CHORI-321	X	7462269	7572029
CH321-62C09	CHORI-321	3R	24550849	24656386
CH321-62D01	CHORI-321	X	15484484	15580347
CH321-62D03	CHORI-321	2R	18715885	18820147
CH321-62D11	CHORI-321	3L	11997381	12081827
CH321-62D13	CHORI-321	2L	15970011	16073035
CH321-62D19	CHORI-321	3R	12628413	12724253
CH321-62D20	CHORI-321	X	20564091	20658600
CH321-62E01	CHORI-321	2L	3949177	4044998
CH321-62E02	CHORI-321	3R	15911619	16008217
CH321-62E14	CHORI-321	2R	20584126	20674359
CH321-62F06	CHORI-321	2L	17684288	17760956
CH321-62F10	CHORI-321	2R	6625906	6668328
CH321-62F17	CHORI-321	3R	16165481	16270554
CH321-62G01	CHORI-321	3R	7970259	8047625
CH321-62G03	CHORI-321	ArmU	1143234	1231506
CH321-62G13	CHORI-321	2L	18354276	18444910
CH321-62G17	CHORI-321	2R	4659666	4762107
CH321-62G18	CHORI-321	3R	8099287	8198941
CH321-62G24	CHORI-321	2R	12063099	12161023
CH321-62H01	CHORI-321	2L	14321114	14399190
CH321-62H06	CHORI-321	2R	13768885	13877060
CH321-62H07	CHORI-321	3R	16459288	16561397
CH321-62H14	CHORI-321	3R	96950	163623
CH321-62H16	CHORI-321	2L	9151241	9232128
CH321-62H19	CHORI-321	2L	11869762	11965619
CH321-62I02	CHORI-321	X	4697405	4781545
CH321-62I03	CHORI-321	2L	19097864	19185306
CH321-62I04	CHORI-321	3L	6048553	6156525
CH321-62I19	CHORI-321	3R	755090	846459
CH321-62I21	CHORI-321	3L	6222913	6320299
CH321-62I23	CHORI-321	3L	4234991	4316707

CH321-62J01	CHORI-321	3R	15069262	15161318
CH321-62J02	CHORI-321	3L	1635171	1729723
CH321-62J04	CHORI-321	3L	15937249	16030282
CH321-62J06	CHORI-321	3L	4471669	4557622
CH321-62J11	CHORI-321	X	18578611	18675087
CH321-62J15	CHORI-321	X	3848720	3948019
CH321-62J19	CHORI-321	2L	19964742	20045364
CH321-62J23	CHORI-321	3L	5009256	5104588
CH321-62J24	CHORI-321	2L	18964499	19064652
CH321-62K01	CHORI-321	X	5536879	5612724
CH321-62K03	CHORI-321	2L	10484617	10570819
CH321-62K11	CHORI-321	3L	17985532	18088578
CH321-62K18	CHORI-321	3L	7628654	7724732
CH321-62K19	CHORI-321	3L	2174387	2285648
CH321-62K20	CHORI-321	3R	26249175	26341773
CH321-62K21	CHORI-321	2L	15897459	16002176
CH321-62K22	CHORI-321	3R	18515893	18598332
CH321-62K23	CHORI-321	2R	17799086	17891828
CH321-62L01	CHORI-321	2L	14080652	14177258
CH321-62L02	CHORI-321	3R	12461490	12550592
CH321-62L06	CHORI-321	2L	20126396	20220892
CH321-62L10	CHORI-321	2L	16013683	16120386
CH321-62L17	CHORI-321	3L	22382063	22466138
CH321-62L18	CHORI-321	2L	18612837	18694389
CH321-62L19	CHORI-321	2R	18737319	18820147
CH321-62L21	CHORI-321	2R	13499303	13583090
CH321-62L24	CHORI-321	2R	19271236	19367688
CH321-62M01	CHORI-321	X	20683772	20765487
CH321-62M02	CHORI-321	3R	21812696	21919779
CH321-62M06	CHORI-321	X	18771615	18860869
CH321-62M07	CHORI-321	3R	948367	1028909
CH321-62M18	CHORI-321	3L	3736958	3813217
CH321-62M23	CHORI-321	2R	18393593	18488926
CH321-62N01	CHORI-321	3R	12489349	12577497
CH321-62N04	CHORI-321	2R	2878483	2973087
CH321-62N05	CHORI-321	X	17022776	17110621
CH321-62N15	CHORI-321	3R	15226240	15311687
CH321-62N24	CHORI-321	3R	11093774	11180810
CH321-62O01	CHORI-321	2L	18574972	18680828
CH321-62O03	CHORI-321	3L	13219863	13281034
CH321-62O09	CHORI-321	2L	20165724	20256411
CH321-62O17	CHORI-321	3L	23365663	23448988
CH321-62P01	CHORI-321	2L	11850757	11935574
CH321-62P02	CHORI-321	3L	5392676	5496002
CH321-62P03	CHORI-321	3R	17610573	17650909
CH321-62P04	CHORI-321	2L	9932415	10005497
CH321-62P05	CHORI-321	X	6327235	6434670
CH321-62P06	CHORI-321	3R	23090368	23131882
CH321-62P11	CHORI-321	3L	9375574	9477938
CH321-62P12	CHORI-321	2R	10288226	10379713
CH321-62P13	CHORI-321	2L	14587723	14672549
CH321-62P14	CHORI-321	2L	11126007	11219872
CH321-62P15	CHORI-321	3L	18896884	18981870
CH321-62P16	CHORI-321	2L	1311167	1397199

CH321-62P17	CHORI-321	3L	10695501	10785266
CH321-62P18	CHORI-321	X	10495185	10609451
CH321-62P19	CHORI-321	3L	17629852	17712708
CH321-62P21	CHORI-321	3L	14796599	14869126
CH321-62P22	CHORI-321	2L	16731634	16842458
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CH321-63A05	CHORI-321	3L	7035119	7115363
CH321-63A07	CHORI-321	2L	9493180	9586971
CH321-63A08	CHORI-321	X	2799894	2913387
CH321-63A10	CHORI-321	3L	8838611	8923374
CH321-63A11	CHORI-321	3L	10328777	10419581
CH321-63A12	CHORI-321	2R	11911065	12011297
CH321-63A13	CHORI-321	3R	3996081	4077930
CH321-63A14	CHORI-321	X	14727709	14806606
CH321-63A16	CHORI-321	2L	2928221	3022963
CH321-63A17	CHORI-321	2R	12379487	12457869
CH321-63A20	CHORI-321	3L	7341406	7427203
CH321-63A21	CHORI-321	2L	21993797	22071185
CH321-63A23	CHORI-321	2L	11434280	11522119
CH321-63A24	CHORI-321	3R	23368749	23452355
CH321-63B01	CHORI-321	X	7476544	7568364
CH321-63B02	CHORI-321	X	20638912	20726768
CH321-63B03	CHORI-321	3R	26336896	26398023
CH321-63B05	CHORI-321	3R	17782488	17871607
CH321-63B06	CHORI-321	2L	15206558	15298203
CH321-63B07	CHORI-321	X	5693808	5773399
CH321-63B11	CHORI-321	3R	15854028	15938520
CH321-63B12	CHORI-321	2L	16404686	16490786
CH321-63B14	CHORI-321	3R	16209053	16276388
CH321-63B17	CHORI-321	3L	15267017	15354101
CH321-63B24	CHORI-321	3R	20604708	20701360
CH321-63C01	CHORI-321	2L	22139011	22224756
CH321-63C02	CHORI-321	3R	22008968	22095500
CH321-63C03	CHORI-321	2L	1618225	1703514
CH321-63C05	CHORI-321	2R	14341533	14426051
CH321-63C06	CHORI-321	3R	4965077	5066962
CH321-63C08	CHORI-321	3L	7563774	7652912
CH321-63C09	CHORI-321	2R	12796019	12890046
CH321-63C10	CHORI-321	2L	2878929	2962009
CH321-63C11	CHORI-321	2L	4215842	4322309
CH321-63C13	CHORI-321	2R	16555696	16657606
CH321-63C14	CHORI-321	3L	1216184	1321697
CH321-63C15	CHORI-321	2L	18618293	18709791
CH321-63C17	CHORI-321	2L	13125207	13210687
CH321-63C18	CHORI-321	X	21234885	21330685
CH321-63C19	CHORI-321	X	13911078	13997026
CH321-63C20	CHORI-321	X	19412004	19495403
CH321-63C21	CHORI-321	2R	519795	600001
CH321-63C22	CHORI-321	2R	10628306	10719651
CH321-63C23	CHORI-321	X	3099192	3191865
CH321-63C24	CHORI-321	2R	3395034	3485787
CH321-63D01	CHORI-321	3R	621436	731143
CH321-63D04	CHORI-321	3L	15698557	15787300
CH321-63D05	CHORI-321	2R	4175332	4274807

CH321-63D06	CHORI-321	X	10270696	10361453
CH321-63D07	CHORI-321	3L	5502676	5596748
CH321-63D08	CHORI-321	3L	18282005	18391311
CH321-63D09	CHORI-321	3L	13185757	13273572
CH321-63D11	CHORI-321	2R	18535021	18641263
CH321-63D12	CHORI-321	2R	5303522	5410177
CH321-63D13	CHORI-321	2L	22094959	22182515
CH321-63D14	CHORI-321	2L	17118894	17220374
CH321-63D20	CHORI-321	X	12565768	12645624
CH321-63D21	CHORI-321	3R	2693052	2780632
CH321-63D23	CHORI-321	3L	13844984	13939621
CH321-63E03	CHORI-321	2L	5804361	5896140
CH321-63E05	CHORI-321	2R	8328922	8405082
CH321-63E06	CHORI-321	3L	8424381	8508787
CH321-63E08	CHORI-321	3L	2611554	2701193
CH321-63E09	CHORI-321	3L	23266893	23344455
CH321-63E12	CHORI-321	3R	8345376	8439858
CH321-63E13	CHORI-321	X	8524456	8608039
CH321-63E14	CHORI-321	3L	1800891	1847841
CH321-63E16	CHORI-321	2L	9678078	9780343
CH321-63E21	CHORI-321	2R	17249943	17342947
CH321-63E23	CHORI-321	2R	16322725	16410277
CH321-63F01	CHORI-321	3R	3189748	3281832
CH321-63F04	CHORI-321	X	7318849	7384826
CH321-63F06	CHORI-321	2R	14190074	14281437
CH321-63F08	CHORI-321	3L	21327054	21411486
CH321-63F11	CHORI-321	2L	20094530	20205849
CH321-63F12	CHORI-321	X	7665713	7765398
CH321-63F17	CHORI-321	3L	12519386	12597778
CH321-63F18	CHORI-321	3L	7336642	7432249
CH321-63F22	CHORI-321	2R	8309141	8407052
CH321-63F23	CHORI-321	X	7262563	7359649
CH321-63F24	CHORI-321	2R	7911182	8003304
CH321-63G01	CHORI-321	2R	7635689	7715033
CH321-63G02	CHORI-321	3R	27707732	27804391
CH321-63G04	CHORI-321	2L	18359054	18454220
CH321-63G05	CHORI-321	X	9745599	9832493
CH321-63G06	CHORI-321	2R	1633516	1723437
CH321-63G11	CHORI-321	2R	16391501	16479281
CH321-63G15	CHORI-321	3R	13321022	13407223
CH321-63G16	CHORI-321	2L	20601969	20671934
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CH321-63H01	CHORI-321	2L	3956530	4039006
CH321-63H06	CHORI-321	3L	19332729	19411694
CH321-63H19	CHORI-321	2R	5515616	5607857
CH321-63I03	CHORI-321	X	12389628	12472164
CH321-63I04	CHORI-321	X	5444004	5520751
CH321-63I06	CHORI-321	3L	22566848	22681112
CH321-63I07	CHORI-321	2R	2126045	2209991
CH321-63I08	CHORI-321	3L	4718929	4813984
CH321-63I11	CHORI-321	3R	13608310	13691095
CH321-63I13	CHORI-321	X	16555435	16637981
CH321-63I14	CHORI-321	2L	7610713	7690107
CH321-63I18	CHORI-321	3R	3268409	3312635

CH321-63I20	CHORI-321	2R	7835791	7925451
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CH321-63I22	CHORI-321	3R	27128851	27230854
CH321-63I23	CHORI-321	2R	15823794	15932605
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CH321-63J02	CHORI-321	2L	15166762	15254558
CH321-63J03	CHORI-321	3L	18374654	18467528
CH321-63J04	CHORI-321	2L	8627366	8711943
CH321-63J06	CHORI-321	3R	5966233	6049783
CH321-63J07	CHORI-321	2L	18546083	18628762
CH321-63J08	CHORI-321	X	18920893	18997622
CH321-63J09	CHORI-321	3R	15274809	15359840
CH321-63J11	CHORI-321	3R	369417	478029
CH321-63J12	CHORI-321	ArmU	1193298	1277891
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CH321-63J20	CHORI-321	2R	2950184	3062173
CH321-63J24	CHORI-321	2R	17567958	17665036
CH321-63K01	CHORI-321	3R	2203253	2304133
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CH321-63K06	CHORI-321	3L	7013655	7101522
CH321-63K08	CHORI-321	2R	13769437	13843589
CH321-63K09	CHORI-321	2R	4155802	4249995
CH321-63K11	CHORI-321	2R	13239417	13328759
CH321-63K12	CHORI-321	3L	5262371	5353900
CH321-63K14	CHORI-321	2R	4588930	4683401
CH321-63K15	CHORI-321	2L	22123289	22232174
CH321-63K17	CHORI-321	3R	21929077	22005482
CH321-63K18	CHORI-321	3L	3935693	4017514
CH321-63L01	CHORI-321	2L	5011573	5091761
CH321-63L03	CHORI-321	X	20606300	20695252
CH321-63L04	CHORI-321	3R	3820992	3907634
CH321-63L05	CHORI-321	3R	20658719	20738547
CH321-63L09	CHORI-321	3L	7469222	7560667
CH321-63L11	CHORI-321	3L	14657776	14758153
CH321-63L17	CHORI-321	2L	15364764	15443773
CH321-63L18	CHORI-321	3R	14316154	14407077
CH321-63L20	CHORI-321	2L	9338374	9442634
CH321-63L22	CHORI-321	X	22129953	22232674
CH321-63M01	CHORI-321	2R	3085373	3182082
CH321-63M02	CHORI-321	2L	11075757	11193166
CH321-63M03	CHORI-321	X	2343233	2433294
CH321-63M05	CHORI-321	3L	5556450	5642148
CH321-63M06	CHORI-321	3L	5560821	5647931
CH321-63M07	CHORI-321	2R	12284428	12371423
CH321-63M08	CHORI-321	3R	26524766	26620146
CH321-63M16	CHORI-321	3R	22513252	22609934
CH321-63M20	CHORI-321	2L	5068240	5144043
CH321-63M21	CHORI-321	3L	22130203	22210566
CH321-63M22	CHORI-321	3R	24729373	24838104
CH321-63M23	CHORI-321	X	5444004	5520734
CH321-63N02	CHORI-321	3R	4150880	4244612
CH321-63N04	CHORI-321	2L	5396471	5483310
CH321-63N07	CHORI-321	2L	18598096	18711079

CH321-63N08	CHORI-321	X	8183431	8275457
CH321-63N16	CHORI-321	X	5294097	5372646
CH321-63N19	CHORI-321	2RHet	1813604	1893587
CH321-63N21	CHORI-321	2L	3875890	3978520
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CH321-63O04	CHORI-321	X	438051	535857
CH321-63O07	CHORI-321	3R	8763917	8876012
CH321-63O09	CHORI-321	3L	22818689	22907610
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CH321-63O11	CHORI-321	3L	21838877	21924574
CH321-63O12	CHORI-321	3L	22101513	22199975
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CH321-63O17	CHORI-321	3L	18108974	18189703
CH321-63O19	CHORI-321	2L	8066521	8118782
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CH321-63O22	CHORI-321	2L	13076301	13159020
CH321-63P01	CHORI-321	2L	7510713	7609802
CH321-63P02	CHORI-321	2L	18157322	18236047
CH321-63P04	CHORI-321	2R	5927514	6045284
CH321-63P06	CHORI-321	X	4860039	4949225
CH321-63P08	CHORI-321	X	5518252	5612724
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CH321-63P12	CHORI-321	2L	4066558	4148060
CH321-63P13	CHORI-321	2R	13402829	13484684
CH321-63P16	CHORI-321	2L	4663431	4757698
CH321-63P17	CHORI-321	2L	7190607	7235310
CH321-63P18	CHORI-321	2L	14783669	14863541
CH321-63P19	CHORI-321	3L	18120070	18229416
CH321-63P21	CHORI-321	2L	2036016	2149876
CH321-63P22	CHORI-321	3L	21908284	22004706
CH321-63P24	CHORI-321	3L	4130821	4213757
CH321-64A04	CHORI-321	2R	5530223	5608545
CH321-64A06	CHORI-321	2RHet	728571	802602
CH321-64A14	CHORI-321	3L	5927684	6023662
CH321-64A15	CHORI-321	3R	10631065	10719079
CH321-64A16	CHORI-321	3L	4594356	4682889
CH321-64A17	CHORI-321	2R	17959841	18002692
CH321-64A18	CHORI-321	2L	12580156	12664622
CH321-64A19	CHORI-321	2R	9402204	9484076
CH321-64A20	CHORI-321	2R	16026818	16122299
CH321-64A22	CHORI-321	3R	13418621	13502408
CH321-64A23	CHORI-321	2L	12610627	12715925
CH321-64B02	CHORI-321	3R	25136907	25232856
CH321-64B06	CHORI-321	2L	9374367	9462912
CH321-64B07	CHORI-321	3L	22088558	22180833
CH321-64B09	CHORI-321	X	15491173	15574173
CH321-64B11	CHORI-321	3L	21446188	21533441
CH321-64B14	CHORI-321	2L	12066887	12156280
CH321-64B15	CHORI-321	3L	10748906	10840758
CH321-64B16	CHORI-321	2L	12179444	12258877
CH321-64B18	CHORI-321	3L	15320626	15411746
CH321-64B20	CHORI-321	3L	20846218	20937611
CH321-64B21	CHORI-321	2R	6341550	6449443
CH321-64B22	CHORI-321	2R	1838405	1926405

CH321-64B23	CHORI-321	2R	11481633	11577493
CH321-64B24	CHORI-321	3R	26802678	26880805
CH321-64C02	CHORI-321	2R	13112547	13165102
CH321-64C04	CHORI-321	2R	9683820	9771942
CH321-64C05	CHORI-321	3R	22450533	22533942
CH321-64C06	CHORI-321	3R	2217608	2312944
CH321-64C08	CHORI-321	3L	15822544	15915777
CH321-64C09	CHORI-321	3L	21989571	22088561
CH321-64C11	CHORI-321	3R	3482401	3559282
CH321-64C12	CHORI-321	X	9557090	9638112
CH321-64C14	CHORI-321	X	5215301	5296944
CH321-64C16	CHORI-321	2R	5200278	5295465
CH321-64C17	CHORI-321	3R	13548190	13594214
CH321-64C18	CHORI-321	2L	20214961	20303073
CH321-64C19	CHORI-321	3L	24203129	24287876
CH321-64C24	CHORI-321	3R	4234567	4316765
CH321-64D02	CHORI-321	3R	17870198	17933177
CH321-64D05	CHORI-321	2R	10558129	10633405
CH321-64D06	CHORI-321	3R	17757859	17844223
CH321-64D07	CHORI-321	3R	27210626	27289635
CH321-64D08	CHORI-321	2L	14762829	14851248
CH321-64D13	CHORI-321	3L	19165878	19249713
CH321-64D18	CHORI-321	X	5766969	5846108
CH321-64D24	CHORI-321	2R	16394457	16487706
CH321-64E01	CHORI-321	3L	20499745	20576103
CH321-64E02	CHORI-321	X	16991608	17076840
CH321-64E04	CHORI-321	3L	3010058	3100341
CH321-64E06	CHORI-321	2R	10882787	10967324
CH321-64E08	CHORI-321	2L	20556642	20638137
CH321-64E09	CHORI-321	3L	11142498	11235142
CH321-64E11	CHORI-321	2R	11620339	11707943
CH321-64E14	CHORI-321	3L	18113828	18195181
CH321-64E16	CHORI-321	3R	14487544	14563681
CH321-64E17	CHORI-321	X	1092342	1182196
CH321-64E18	CHORI-321	X	8887080	8973565
CH321-64E24	CHORI-321	X	4857916	4949225
CH321-64F01	CHORI-321	2L	17864795	17934733
CH321-64F02	CHORI-321	2R	1316079	1401009
CH321-64F04	CHORI-321	3L	5659770	5748082
CH321-64F07	CHORI-321	2L	4204885	4308020
CH321-64F09	CHORI-321	2L	17297049	17380671
CH321-64F10	CHORI-321	3RHet	309461	420557
CH321-64F11	CHORI-321	2L	22587957	22660755
CH321-64F12	CHORI-321	3L	12960399	13009729
CH321-64F13	CHORI-321	3L	13842777	13921190
CH321-64F14	CHORI-321	X	2617114	2736158
CH321-64F16	CHORI-321	3L	5760776	5859221
CH321-64F17	CHORI-321	2LHet	168016	258324
CH321-64F19	CHORI-321	X	11687914	11775169
CH321-64F20	CHORI-321	3R	20044515	20147182
CH321-64F21	CHORI-321	3R	16644942	16730909
CH321-64F24	CHORI-321	3L	11861875	11921947
CH321-64G01	CHORI-321	2L	22757287	22849654
CH321-64G02	CHORI-321	2R	3188777	3280156

CH321-64G05	CHORI-321	2L	9800528	9889679
CH321-64G07	CHORI-321	X	6887507	6963257
CH321-64G08	CHORI-321	3L	15807734	15906324
CH321-64G10	CHORI-321	2L	4770745	4813060
CH321-64G11	CHORI-321	2R	8913833	9006385
CH321-64G12	CHORI-321	3L	12327542	12411832
CH321-64G13	CHORI-321	2R	19919938	20008106
CH321-64G14	CHORI-321	2R	11639243	11731799
CH321-64G17	CHORI-321	3L	22727885	22816190
CH321-64G18	CHORI-321	2R	6172693	6250371
CH321-64G19	CHORI-321	3R	22965571	23057154
CH321-64G20	CHORI-321	3L	1656718	1743069
CH321-64G21	CHORI-321	3R	26331510	26426067
CH321-64G22	CHORI-321	3L	22940115	23024654
CH321-64G23	CHORI-321	3R	23527956	23619364
CH321-64G24	CHORI-321	2L	3874051	3983248
CH321-64H02	CHORI-321	3R	24284433	24374219
CH321-64H04	CHORI-321	2L	19417154	19510393
CH321-64H05	CHORI-321	3R	16406920	16511562
CH321-64H07	CHORI-321	3L	7520704	7582313
CH321-64H11	CHORI-321	3L	17353917	17428594
CH321-64H12	CHORI-321	2L	13634033	13719422
CH321-64H13	CHORI-321	X	16680268	16788384
CH321-64H16	CHORI-321	3R	3794021	3881202
CH321-64H18	CHORI-321	3R	16407631	16475570
CH321-64H19	CHORI-321	2L	99263	196300
CH321-64H20	CHORI-321	3LHet	614384	690433
CH321-64H21	CHORI-321	3L	13182651	13269947
CH321-64H22	CHORI-321	X	1073706	1156346
CH321-64H23	CHORI-321	X	843593	927290
CH321-64I03	CHORI-321	X	18860858	18967219
CH321-64I04	CHORI-321	2R	11457940	11546676
CH321-64I06	CHORI-321	2R	2434131	2536565
CH321-64I07	CHORI-321	2L	15515182	15610222
CH321-64I10	CHORI-321	2L	17093906	17170959
CH321-64I11	CHORI-321	2L	47324	148504
CH321-64I13	CHORI-321	3R	9036211	9132726
CH321-64I16	CHORI-321	2R	10640552	10718245
CH321-64I17	CHORI-321	X	10315198	10406072
CH321-64I18	CHORI-321	3L	21686542	21776714
CH321-64I19	CHORI-321	3R	14872837	14970945
CH321-64I21	CHORI-321	X	16053360	16131875
CH321-64I23	CHORI-321	2L	19135561	19216590
CH321-64J01	CHORI-321	X	8562242	8647005
CH321-64J02	CHORI-321	2L	3599769	3681168
CH321-64J03	CHORI-321	X	17513955	17592011
CH321-64J04	CHORI-321	3L	16626955	16722215
CH321-64J06	CHORI-321	3L	21986091	22070055
CH321-64J10	CHORI-321	2L	13774688	13863937
CH321-64J13	CHORI-321	X	18200309	18253481
CH321-64J15	CHORI-321	X	11503085	11587376
CH321-64J18	CHORI-321	2RHet	3198556	3265630
CH321-64J20	CHORI-321	2L	14403428	14488696
CH321-64J22	CHORI-321	3R	25859037	25952965

CH321-64J23	CHORI-321	3R	5485309	5586521
CH321-64J24	CHORI-321	X	10474200	10552612
CH321-64K01	CHORI-321	2L	4088354	4192394
CH321-64K03	CHORI-321	2R	3870463	3958628
CH321-64K05	CHORI-321	3L	24089033	24188450
CH321-64K06	CHORI-321	3R	14734630	14838803
CH321-64K07	CHORI-321	3L	10585550	10670125
CH321-64K10	CHORI-321	3L	4057947	4162019
CH321-64K11	CHORI-321	2L	20671973	20744437
CH321-64K12	CHORI-321	2L	14031793	14109826
CH321-64K22	CHORI-321	3R	15227631	15329855
CH321-64L01	CHORI-321	2R	19361081	19462755
CH321-64L03	CHORI-321	3R	25090688	25192367
CH321-64L04	CHORI-321	3R	16432609	16531526
CH321-64L06	CHORI-321	3R	20266125	20342984
CH321-64L09	CHORI-321	2R	20090227	20193559
CH321-64L12	CHORI-321	2R	2601003	2695283
CH321-64L17	CHORI-321	ArmU	1185886	1262836
CH321-64L18	CHORI-321	2L	10063622	10149199
CH321-64L19	CHORI-321	X	3388737	3472347
CH321-64L20	CHORI-321	2L	15327453	15411155
CH321-64L21	CHORI-321	3L	10144692	10237089
CH321-64L22	CHORI-321	3R	20228983	20344615
CH321-64L23	CHORI-321	3L	5486211	5578371
CH321-64M02	CHORI-321	X	9588709	9674686
CH321-64M03	CHORI-321	3L	17245249	17336329
CH321-64M04	CHORI-321	2R	11123669	11219075
CH321-64M07	CHORI-321	X	9934245	10001327
CH321-64M08	CHORI-321	2R	15687649	15768113
CH321-64M10	CHORI-321	X	11156749	11257270
CH321-64M12	CHORI-321	X	6762055	6859474
CH321-64M14	CHORI-321	ArmU	78640	171506
CH321-64M16	CHORI-321	3R	3204648	3313997
CH321-64M17	CHORI-321	3L	13152806	13247901
CH321-64M20	CHORI-321	X	7545875	7621317
CH321-64M21	CHORI-321	3LHet	2317437	2428120
CH321-64M22	CHORI-321	3L	21498480	21584863
CH321-64M23	CHORI-321	2R	9203272	9279351
CH321-64N02	CHORI-321	3R	16152617	16232964
CH321-64N04	CHORI-321	2L	18559164	18642919
CH321-64N05	CHORI-321	X	11820205	11898712
CH321-64N06	CHORI-321	X	10262993	10358571
CH321-64N08	CHORI-321	2LHet	214084	276166
CH321-64N09	CHORI-321	3R	17955071	18042210
CH321-64N12	CHORI-321	3R	13910328	13990579
CH321-64N16	CHORI-321	3R	23795121	23887806
CH321-64N18	CHORI-321	3R	18006818	18098424
CH321-64N19	CHORI-321	2L	6831061	6912647
CH321-64N21	CHORI-321	X	16636597	16728957
CH321-64N22	CHORI-321	2R	3704871	3801392
CH321-64N23	CHORI-321	2R	2668631	2763537
CH321-64O02	CHORI-321	2L	8240539	8333367
CH321-64O03	CHORI-321	X	2530740	2612545
CH321-64O04	CHORI-321	X	21092317	21181108

CH321-64O05	CHORI-321	3L	2826133	2924683
CH321-64O06	CHORI-321	2R	6617345	6701650
CH321-64O07	CHORI-321	2R	1936481	2030215
CH321-64O09	CHORI-321	2R	16156847	16249338
CH321-64O10	CHORI-321	3R	21613961	21716427
CH321-64O12	CHORI-321	3L	23217974	23292788
CH321-64O13	CHORI-321	2L	21873357	21971495
CH321-64O14	CHORI-321	X	19402891	19504108
CH321-64O15	CHORI-321	3L	7031540	7108914
CH321-64O17	CHORI-321	2R	7029071	7110053
CH321-64O18	CHORI-321	3R	11966922	12065827
CH321-64O19	CHORI-321	3L	5662036	5759694
CH321-64O20	CHORI-321	X	9172194	9251255
CH321-64O21	CHORI-321	3R	2384965	2457885
CH321-64O22	CHORI-321	2R	10403043	10475864
CH321-64O23	CHORI-321	3R	2553080	2646932
CH321-64P02	CHORI-321	2RHet	1461486	1556905
CH321-64P03	CHORI-321	2R	250109	355098
CH321-64P04	CHORI-321	3R	15758176	15856392
CH321-64P05	CHORI-321	2L	22084755	22155481
CH321-64P06	CHORI-321	X	19852817	19967982
CH321-64P07	CHORI-321	3L	1966136	2057974
CH321-64P11	CHORI-321	3R	24418449	24517591
CH321-64P12	CHORI-321	3R	5808862	5893172
CH321-64P13	CHORI-321	2R	6045929	6124903
CH321-64P15	CHORI-321	2L	10002167	10092526
CH321-64P17	CHORI-321	X	5985184	6067426
CH321-64P19	CHORI-321	X	17274306	17336588
CH321-64P20	CHORI-321	3L	9694091	9785164
CH321-64P21	CHORI-321	3R	3847510	3922113
CH321-64P22	CHORI-321	3L	19037132	19125297
CH321-64P23	CHORI-321	2L	16521906	16605835
CH321-64P24	CHORI-321	2L	7031727	7123544
CH321-65A02	CHORI-321	2R	14539067	14580447
CH321-65A07	CHORI-321	3L	6873579	6977056
CH321-65A09	CHORI-321	3L	12624543	12705238
CH321-65A10	CHORI-321	2R	15039409	15128157
CH321-65A11	CHORI-321	3L	10656832	10746517
CH321-65A13	CHORI-321	2R	6049476	6135762
CH321-65A14	CHORI-321	2RHet	927705	1014313
CH321-65A16	CHORI-321	3R	21745584	21810181
CH321-65A17	CHORI-321	2R	15276421	15359876
CH321-65A19	CHORI-321	4	1054335	1123420
CH321-65A21	CHORI-321	2R	18417816	18496258
CH321-65B01	CHORI-321	3L	12511171	12607696
CH321-65B03	CHORI-321	2L	6801610	6904473
CH321-65B07	CHORI-321	3R	3048605	3150184
CH321-65B08	CHORI-321	2R	4277533	4337490
CH321-65B09	CHORI-321	3R	6243287	6331695
CH321-65B10	CHORI-321	2L	1253060	1344806
CH321-65B11	CHORI-321	2L	5100265	5204285
CH321-65B12	CHORI-321	3R	26891058	27003795
CH321-65B15	CHORI-321	3L	16419595	16522790
CH321-65B16	CHORI-321	2L	16972457	17041436

CH321-65B18	CHORI-321	3L	6486806	6573368
CH321-65B19	CHORI-321	2L	1907259	1990382
CH321-65C01	CHORI-321	3L	21879099	21924599
CH321-65C02	CHORI-321	3L	7599928	7691368
CH321-65C04	CHORI-321	X	5676656	5763253
CH321-65C08	CHORI-321	3L	14407796	14489965
CH321-65C09	CHORI-321	2R	3358333	3460299
CH321-65C10	CHORI-321	3L	48546	158122
CH321-65C12	CHORI-321	2L	14611982	14701930
CH321-65C15	CHORI-321	2R	2723478	2816721
CH321-65C16	CHORI-321	3R	11304073	11394531
CH321-65C18	CHORI-321	X	3385304	3484547
CH321-65C20	CHORI-321	X	12234672	12338574
CH321-65C21	CHORI-321	2L	11847364	11948305
CH321-65C22	CHORI-321	2L	3887476	3973643
CH321-65C23	CHORI-321	2R	12367399	12464965
CH321-65C24	CHORI-321	3L	22425678	22504170
CH321-65D01	CHORI-321	2R	4284866	4369306
CH321-65D02	CHORI-321	3L	14824196	14912345
CH321-65D05	CHORI-321	X	1272177	1366136
CH321-65D07	CHORI-321	3L	10450584	10540742
CH321-65D14	CHORI-321	3R	16954507	17050965
CH321-65D16	CHORI-321	2L	17155252	17259760
CH321-65D21	CHORI-321	X	17296900	17383318
CH321-65D24	CHORI-321	ArmU	121666	216187
CH321-65E01	CHORI-321	X	14645609	14724813
CH321-65E04	CHORI-321	3R	21985739	22091876
CH321-65E07	CHORI-321	3R	18634165	18715354
CH321-65E14	CHORI-321	3L	10396349	10488809
CH321-65E16	CHORI-321	3L	158759	234337
CH321-65E18	CHORI-321	3R	15722521	15821434
CH321-65E21	CHORI-321	2R	9558847	9644027
CH321-65E22	CHORI-321	3L	17088148	17180260
CH321-65E23	CHORI-321	3R	623885	723193
CH321-65F01	CHORI-321	2R	2942682	3054585
CH321-65F04	CHORI-321	X	335132	423211
CH321-65F12	CHORI-321	3L	21211703	21294181
CH321-65F14	CHORI-321	X	8168432	8263190
CH321-65F19	CHORI-321	3L	21718395	21797332
CH321-65F21	CHORI-321	X	14192357	14281690
CH321-65F22	CHORI-321	2R	2403630	2496339
CH321-65G02	CHORI-321	2L	8106235	8155943
CH321-65G05	CHORI-321	3L	10817084	10890495
CH321-65G06	CHORI-321	2L	3963068	4050773
CH321-65G07	CHORI-321	3R	13241520	13325422
CH321-65G09	CHORI-321	3L	23112554	23197517
CH321-65G12	CHORI-321	2L	7946198	8012773
CH321-65G13	CHORI-321	2L	19076219	19160597
CH321-65G14	CHORI-321	3R	25344078	25424289
CH321-65G16	CHORI-321	X	13168025	13258621
CH321-65G18	CHORI-321	2R	18012870	18102417
CH321-65G20	CHORI-321	2R	2784782	2882412
CH321-65G23	CHORI-321	X	15578780	15680411
CH321-65G24	CHORI-321	X	21789622	21837462

CH321-65H01	CHORI-321	2L	16885346	16980657
CH321-65H08	CHORI-321	3R	6452826	6529817
CH321-65H10	CHORI-321	X	16748122	16829113
CH321-65H11	CHORI-321	3R	19421509	19505494
CH321-65H13	CHORI-321	3R	11802927	11909708
CH321-65H16	CHORI-321	3R	9090849	9141417
CH321-65H17	CHORI-321	3R	13690126	13792710
CH321-65H20	CHORI-321	X	4038450	4088350
CH321-65H22	CHORI-321	3L	9522428	9616552
CH321-65I05	CHORI-321	2L	13687289	13779781
CH321-65I06	CHORI-321	2R	10545997	10641343
CH321-65I09	CHORI-321	3L	16729170	16817219
CH321-65I10	CHORI-321	2L	103505	187764
CH321-65I11	CHORI-321	2R	5279963	5373727
CH321-65I14	CHORI-321	2L	458556	503829
CH321-65I22	CHORI-321	3R	26905934	27002952
CH321-65J01	CHORI-321	X	12240758	12326149
CH321-65J02	CHORI-321	3LHet	1017782	1112354
CH321-65J09	CHORI-321	X	17771396	17852888
CH321-65J10	CHORI-321	3L	18403833	18492470
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CH321-65J15	CHORI-321	3R	22573456	22671779
CH321-65J18	CHORI-321	3R	11581284	11671263
CH321-65J22	CHORI-321	2RHet	2065841	2161060
CH321-65K01	CHORI-321	3R	7494056	7594659
CH321-65K04	CHORI-321	3L	22334786	22423477
CH321-65K08	CHORI-321	3R	18615549	18715594
CH321-65K11	CHORI-321	2L	10091942	10188486
CH321-65K12	CHORI-321	3R	14868687	14954165
CH321-65K13	CHORI-321	3L	18746486	18832259
CH321-65K14	CHORI-321	2L	8489196	8556319
CH321-65K17	CHORI-321	X	18041169	18118734
CH321-65K19	CHORI-321	2R	12214202	12279277
CH321-65K21	CHORI-321	3R	804738	893345
CH321-65L01	CHORI-321	3L	17028739	17139104
CH321-65L02	CHORI-321	3R	76040	166951
CH321-65L03	CHORI-321	3R	6235254	6319713
CH321-65L04	CHORI-321	2R	10599871	10681090
CH321-65L05	CHORI-321	2R	13385767	13483575
CH321-65L07	CHORI-321	3R	2474866	2575017
CH321-65L08	CHORI-321	2L	6433132	6528954
CH321-65L09	CHORI-321	3R	14318434	14410463
CH321-65L10	CHORI-321	3L	3957646	4067348
CH321-65L12	CHORI-321	3L	12509525	12586703
CH321-65L18	CHORI-321	X	12411937	12496141
CH321-65L20	CHORI-321	3R	25777355	25868231
CH321-65L22	CHORI-321	2L	20728990	20834255
CH321-65M01	CHORI-321	3L	15344879	15430526
CH321-65M02	CHORI-321	2R	8449108	8542516
CH321-65M03	CHORI-321	2R	14507843	14599883
CH321-65M04	CHORI-321	3L	21445406	21542973
CH321-65M07	CHORI-321	3R	8660070	8757358
CH321-65M08	CHORI-321	3R	8711918	8789875
CH321-65M11	CHORI-321	3L	15377504	15455179

CH321-65M13	CHORI-321	3RHet	1404373	1488193
CH321-65M16	CHORI-321	3R	18868767	18955294
CH321-65M19	CHORI-321	2R	1151302	1231821
CH321-65N01	CHORI-321	2L	5818120	5916470
CH321-65N02	CHORI-321	3L	16741480	16819746
CH321-65N03	CHORI-321	3L	442472	534202
CH321-65N05	CHORI-321	3R	9536063	9610738
CH321-65N07	CHORI-321	2R	7456049	7549172
CH321-65N09	CHORI-321	2R	13939113	14018099
CH321-65N14	CHORI-321	3R	792584	834766
CH321-65N15	CHORI-321	2R	21009065	21085962
CH321-65N17	CHORI-321	2L	13311839	13414331
CH321-65N19	CHORI-321	3R	16957078	17036530
CH321-65N20	CHORI-321	2R	15913948	16002695
CH321-65N21	CHORI-321	3L	4233942	4316025
CH321-65N22	CHORI-321	2L	15994759	16079910
CH321-65O01	CHORI-321	X	9489776	9575554
CH321-65O04	CHORI-321	3R	19842463	19933374
CH321-65O06	CHORI-321	3L	21118115	21199158
CH321-65O08	CHORI-321	X	17272072	17316743
CH321-65O11	CHORI-321	3L	16462307	16571166
CH321-65O13	CHORI-321	X	13811893	13898109
CH321-65O18	CHORI-321	2R	7028704	7114681
CH321-65O19	CHORI-321	2R	3318677	3410685
CH321-65O20	CHORI-321	2R	3696741	3794223
CH321-65O21	CHORI-321	2L	8783981	8866758
CH321-65O22	CHORI-321	3R	15282999	15388262
CH321-65O23	CHORI-321	3R	13112705	13202436
CH321-65O24	CHORI-321	3L	18331654	18411829
CH321-65P02	CHORI-321	3R	18141468	18232162
CH321-65P03	CHORI-321	3L	8837315	8929285
CH321-65P04	CHORI-321	3R	12339866	12436009
CH321-65P05	CHORI-321	X	9785685	9857840
CH321-65P06	CHORI-321	2R	1681470	1791746
CH321-65P07	CHORI-321	3L	6165891	6250231
CH321-65P10	CHORI-321	3R	5198586	5279501
CH321-65P11	CHORI-321	X	2837514	2919144
CH321-65P12	CHORI-321	3R	22289043	22380342
CH321-65P13	CHORI-321	2L	18059462	18155476
CH321-65P14	CHORI-321	3L	10484336	10575252
CH321-65P15	CHORI-321	2L	16937192	17031499
CH321-65P16	CHORI-321	X	6846820	6933749
CH321-65P17	CHORI-321	3L	11470107	11566509
CH321-65P19	CHORI-321	3L	3580710	3636864
CH321-65P20	CHORI-321	3R	19044449	19148876
CH321-65P22	CHORI-321	2R	16296533	16410770
CH321-65P24	CHORI-321	3R	26338792	26425022
CH321-66A01	CHORI-321	2R	6938196	7029074
CH321-66A03	CHORI-321	X	11076921	11167681
CH321-66A04	CHORI-321	3R	15883964	15975061
CH321-66A06	CHORI-321	3R	6672516	6779279
CH321-66A08	CHORI-321	X	7835622	7936544
CH321-66A09	CHORI-321	2L	6222128	6320414
CH321-66A14	CHORI-321	3R	7333531	7417290

CH321-66A16	CHORI-321	3R	4153036	4233859
CH321-66A17	CHORI-321	2R	14547814	14659545
CH321-66A19	CHORI-321	3L	5961295	6059146
CH321-66A21	CHORI-321	2R	9787775	9893929
CH321-66A23	CHORI-321	X	1750690	1840168
CH321-66A24	CHORI-321	X	444941	546408
CH321-66B01	CHORI-321	X	20479157	20563650
CH321-66B03	CHORI-321	2R	2515350	2619902
CH321-66B04	CHORI-321	3R	11335051	11442323
CH321-66B05	CHORI-321	2L	21089966	21170129
CH321-66B06	CHORI-321	2L	10871240	10972622
CH321-66B07	CHORI-321	2L	5600781	5689802
CH321-66B09	CHORI-321	3L	5949609	6046264
CH321-66B12	CHORI-321	2R	5307757	5382446
CH321-66B13	CHORI-321	3L	10961735	11069074
CH321-66B14	CHORI-321	2L	19960434	20047359
CH321-66B15	CHORI-321	3R	16287342	16386710
CH321-66B19	CHORI-321	3R	4022827	4119231
CH321-66B20	CHORI-321	2L	3935511	4008491
CH321-66B21	CHORI-321	2R	7855076	7938781
CH321-66B24	CHORI-321	2R	19253879	19345961
CH321-66C01	CHORI-321	2L	10509173	10611097
CH321-66C06	CHORI-321	3R	24640542	24736081
CH321-66C11	CHORI-321	2L	3185886	3276405
CH321-66C18	CHORI-321	3R	10221206	10312179
CH321-66C19	CHORI-321	3L	16853274	16938868
CH321-66C24	CHORI-321	2R	12730209	12829146
CH321-66D02	CHORI-321	3L	11098285	11194855
CH321-66D07	CHORI-321	3R	196972	287045
CH321-66D08	CHORI-321	X	8998358	9043600
CH321-66D09	CHORI-321	2R	6526270	6620447
CH321-66D10	CHORI-321	2L	17159546	17240905
CH321-66D11	CHORI-321	X	19220255	19314381
CH321-66D17	CHORI-321	2RHet	1338809	1449763
CH321-66D20	CHORI-321	3R	16209555	16311988
CH321-66D23	CHORI-321	2R	17843181	17933697
CH321-66D24	CHORI-321	2R	18290357	18375467
CH321-66E02	CHORI-321	3L	10482148	10567452
CH321-66E10	CHORI-321	3L	12296227	12384449
CH321-66E11	CHORI-321	3L	12097512	12200549
CH321-66E12	CHORI-321	3L	2253901	2330932
CH321-66E20	CHORI-321	3L	15081210	15127589
CH321-66E22	CHORI-321	2R	1771225	1851399
CH321-66E23	CHORI-321	2R	19643706	19746734
CH321-66F01	CHORI-321	2R	8568299	8647706
CH321-66F10	CHORI-321	X	2236075	2318716
CH321-66F11	CHORI-321	2L	18692582	18750342
CH321-66F21	CHORI-321	3R	4927653	5028137
CH321-66F22	CHORI-321	X	13566866	13651816
CH321-66G09	CHORI-321	3L	9204316	9300624
CH321-66G10	CHORI-321	3L	21022016	21100296
CH321-66G13	CHORI-321	2R	7838912	7924998
CH321-66G21	CHORI-321	3R	19908862	20005409
CH321-66G23	CHORI-321	3L	13262997	13349157

CH321-66H09	CHORI-321	X	18010907	18101564
CH321-66H19	CHORI-321	3L	2539342	2642799
CH321-66H22	CHORI-321	3L	449007	532160
CH321-66I01	CHORI-321	3R	7520299	7593202
CH321-66I03	CHORI-321	3L	22815101	22908888
CH321-66I08	CHORI-321	2R	7457688	7559461
CH321-66I09	CHORI-321	X	16868109	16949121
CH321-66I10	CHORI-321	2L	14332221	14418624
CH321-66I11	CHORI-321	2R	19726931	19818343
CH321-66I12	CHORI-321	3L	19143078	19220810
CH321-66I17	CHORI-321	3L	23253177	23340850
CH321-66J12	CHORI-321	3R	23643760	23720051
CH321-66J22	CHORI-321	2R	17083813	17168997
CH321-66K04	CHORI-321	3R	2551384	2669717
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CH321-66K21	CHORI-321	X	10399970	10494401
CH321-66K22	CHORI-321	3L	18285153	18374959
CH321-66L01	CHORI-321	2R	9696049	9777134
CH321-66L05	CHORI-321	3R	18617297	18695899
CH321-66L09	CHORI-321	3L	17488134	17570575
CH321-66L11	CHORI-321	3R	3721906	3805146
CH321-66L14	CHORI-321	3L	17509959	17603528
CH321-66L17	CHORI-321	X	13713931	13816978
CH321-66M02	CHORI-321	2R	7591079	7675343
CH321-66M09	CHORI-321	2R	4664523	4754346
CH321-66M17	CHORI-321	3R	7290284	7380270
CH321-66N07	CHORI-321	X	5435165	5520226
CH321-66N09	CHORI-321	2L	2264697	2355060
CH321-66N10	CHORI-321	2R	3487144	3538778
CH321-66N20	CHORI-321	2L	9537508	9643313
CH321-66N21	CHORI-321	3L	19389931	19461163
CH321-66O01	CHORI-321	3R	13249186	13344027
CH321-66O08	CHORI-321	3R	19018855	19092084
CH321-66O10	CHORI-321	3R	7389513	7490702
CH321-66O11	CHORI-321	3L	4386636	4476269
CH321-66O15	CHORI-321	X	12225073	12326149
CH321-66O16	CHORI-321	3R	13250620	13336869
CH321-66P01	CHORI-321	3R	21306894	21390750
CH321-66P03	CHORI-321	3R	13161227	13247846
CH321-66P04	CHORI-321	2L	6350071	6433866
CH321-66P06	CHORI-321	3L	13868162	13962448
CH321-66P09	CHORI-321	3L	16272439	16344960
CH321-66P10	CHORI-321	2L	1319443	1433486
CH321-66P15	CHORI-321	3L	1951829	2022708
CH321-66P18	CHORI-321	2R	20231478	20339997
CH321-66P19	CHORI-321	2R	13385767	13469776
CH321-66P23	CHORI-321	2R	19538446	19639785
CH321-66P24	CHORI-321	2R	12068527	12155179
CH321-67A01	CHORI-321	2R	1948192	2032129
CH321-67A04	CHORI-321	3R	2779901	2870624
CH321-67A05	CHORI-321	2L	11544983	11656228
CH321-67A06	CHORI-321	X	5098170	5200301
CH321-67A09	CHORI-321	X	11826360	11920091
CH321-67A11	CHORI-321	3L	1451324	1536240

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CH321-67A18	CHORI-321	2L	22552643	22643944
CH321-67A20	CHORI-321	3R	9499978	9607322
CH321-67A21	CHORI-321	3R	26542431	26633498
CH321-67A23	CHORI-321	3L	16633198	16714822
CH321-67A24	CHORI-321	2R	887427	976596
CH321-67B02	CHORI-321	3L	3510325	3609991
CH321-67B05	CHORI-321	2L	14368017	14448946
CH321-67B08	CHORI-321	X	6775997	6862353
CH321-67B09	CHORI-321	X	5562703	5669299
CH321-67B11	CHORI-321	2L	9291098	9388660
CH321-67B12	CHORI-321	2R	6962876	7042987
CH321-67B13	CHORI-321	2R	14488522	14546724
CH321-67B15	CHORI-321	3R	17864738	17956258
CH321-67B20	CHORI-321	X	20121311	20230462
CH321-67B21	CHORI-321	2L	10599876	10696631
CH321-67B23	CHORI-321	2L	7503434	7601518
CH321-67B24	CHORI-321	3L	11219778	11306437
CH321-67C01	CHORI-321	3R	10106708	10197797
CH321-67C02	CHORI-321	X	22224853	22316219
CH321-67C03	CHORI-321	3R	19986327	20072635
CH321-67C04	CHORI-321	3L	17898066	17999382
CH321-67C11	CHORI-321	3R	7285755	7393123
CH321-67C12	CHORI-321	3R	17884968	17979521
CH321-67C13	CHORI-321	3R	23768075	23866208
CH321-67C18	CHORI-321	3R	22324415	22407779
CH321-67C19	CHORI-321	3R	15560808	15641279
CH321-67C21	CHORI-321	X	16708466	16790461
CH321-67C24	CHORI-321	3L	16162705	16256217
CH321-67D03	CHORI-321	3L	4565966	4654367
CH321-67D04	CHORI-321	2L	9499112	9585008
CH321-67D05	CHORI-321	2R	18148453	18202287
CH321-67D06	CHORI-321	2L	14436355	14529614
CH321-67D11	CHORI-321	3R	2416929	2521697
CH321-67D13	CHORI-321	2L	8345144	8413356
CH321-67D20	CHORI-321	X	7113093	7160063
CH321-67D22	CHORI-321	X	3135702	3207411
CH321-67D23	CHORI-321	2R	17888119	17977915
CH321-67D24	CHORI-321	3L	15881704	15972433
CH321-67E02	CHORI-321	3L	15192307	15260213
CH321-67E05	CHORI-321	3L	11139289	11216149
CH321-67E06	CHORI-321	2L	21764054	21855920
CH321-67E16	CHORI-321	3R	17466986	17567199
CH321-67E18	CHORI-321	3R	24298639	24380860
CH321-67E21	CHORI-321	3L	9998748	10095437
CH321-67E22	CHORI-321	3R	8396676	8456038
CH321-67E23	CHORI-321	2L	22051955	22141158
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CH321-67F04	CHORI-321	3LHet	944389	993741
CH321-67F07	CHORI-321	3R	7394568	7477978
CH321-67F09	CHORI-321	3R	12669165	12750419
CH321-67F10	CHORI-321	3L	21380351	21487112
CH321-67F11	CHORI-321	3L	16486768	16582603
CH321-67F19	CHORI-321	3L	20127137	20222007

CH321-67F23	CHORI-321	3R	17715346	17802117
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CH321-67G12	CHORI-321	2L	14847485	14933214
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CH321-67G17	CHORI-321	3R	2619125	2701727
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CH321-67H10	CHORI-321	2L	12679886	12756006
CH321-67H11	CHORI-321	2L	15915461	16013686
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CH321-67H13	CHORI-321	2L	13751349	13840593
CH321-67H14	CHORI-321	3R	17268607	17359558
CH321-67H17	CHORI-321	3R	25629250	25721289
CH321-67H19	CHORI-321	X	22292958	22374894
CH321-67H21	CHORI-321	3R	5405156	5499317
CH321-67I03	CHORI-321	3L	23865968	23967067
CH321-67I05	CHORI-321	3R	22700850	22755841
CH321-67I08	CHORI-321	2L	318593	397866
CH321-67I10	CHORI-321	3R	11059708	11147982
CH321-67I13	CHORI-321	2R	1413406	1525916
CH321-67I16	CHORI-321	2L	18736014	18830153
CH321-67J02	CHORI-321	3R	25018650	25096422
CH321-67J07	CHORI-321	3R	188732	290280
CH321-67J09	CHORI-321	3L	17251811	17340481
CH321-67J11	CHORI-321	X	5116861	5195888
CH321-67J12	CHORI-321	2L	6688086	6766266
CH321-67J15	CHORI-321	3R	22791910	22877106
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CH321-67K02	CHORI-321	3R	15058622	15162306
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CH321-67K07	CHORI-321	3R	20598282	20674989
CH321-67K18	CHORI-321	X	3041750	3140731
CH321-67K20	CHORI-321	X	11680117	11759585
CH321-67K23	CHORI-321	X	1179932	1267087
CH321-67L01	CHORI-321	X	10189699	10301052
CH321-67L02	CHORI-321	2R	687134	772344
CH321-67L03	CHORI-321	2L	21140434	21227133
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CH321-67L08	CHORI-321	X	11824601	11931284
CH321-67L10	CHORI-321	2R	886073	976907
CH321-67L11	CHORI-321	3L	22706217	22800297
CH321-67L12	CHORI-321	3R	22060992	22142452
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CH321-67L16	CHORI-321	X	11230570	11331135
CH321-67L17	CHORI-321	3L	18115217	18169381
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CH321-67L20	CHORI-321	2L	3849373	3941688
CH321-67L22	CHORI-321	3R	22830419	22917025
CH321-67L24	CHORI-321	3R	7065662	7168114
CH321-67M02	CHORI-321	X	4542892	4648232

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CH321-67M10	CHORI-321	2L	1249541	1355558
CH321-67M13	CHORI-321	2R	5955720	6037965
CH321-67M14	CHORI-321	3R	7530291	7572429
CH321-67M16	CHORI-321	X	10706711	10784637
CH321-67M18	CHORI-321	3L	4526713	4619343
CH321-67M21	CHORI-321	3R	16087437	16172228
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CH321-67M23	CHORI-321	2R	18321131	18410318
CH321-67M24	CHORI-321	2L	3670461	3758840
CH321-67N01	CHORI-321	3R	13300680	13399939
CH321-67N02	CHORI-321	X	16608169	16693835
CH321-67N05	CHORI-321	3L	6110749	6201578
CH321-67N07	CHORI-321	3R	16019111	16099977
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CH321-67N10	CHORI-321	3R	19360388	19458452
CH321-67N12	CHORI-321	3L	15991805	16077072
CH321-67N13	CHORI-321	2R	20125635	20221189
CH321-67N14	CHORI-321	2L	12753587	12794839
CH321-67N19	CHORI-321	3R	22527710	22612097
CH321-67N21	CHORI-321	3L	12501574	12594828
CH321-67N22	CHORI-321	2R	7271860	7371155
CH321-67N23	CHORI-321	2L	10530778	10617489
CH321-67N24	CHORI-321	3L	20624499	20709088
CH321-67O01	CHORI-321	2R	9048212	9143774
CH321-67O02	CHORI-321	3L	6619161	6713376
CH321-67O03	CHORI-321	2L	7477307	7563764
CH321-67O04	CHORI-321	3R	18087412	18177950
CH321-67O05	CHORI-321	X	7088508	7168123
CH321-67O06	CHORI-321	3L	2469714	2556468
CH321-67O11	CHORI-321	2R	1632985	1723437
CH321-67O13	CHORI-321	2R	7245573	7324049
CH321-67O14	CHORI-321	2L	20430938	20514772
CH321-67O16	CHORI-321	3L	7556158	7650334
CH321-67O17	CHORI-321	3L	1109509	1195074
CH321-67O18	CHORI-321	2R	1804594	1905089
CH321-67O19	CHORI-321	2R	1334909	1422093
CH321-67P01	CHORI-321	2L	10686151	10766612
CH321-67P02	CHORI-321	3L	4034673	4128393
CH321-67P03	CHORI-321	3R	2532028	2638945
CH321-67P04	CHORI-321	X	11570602	11657211
CH321-67P05	CHORI-321	3L	2821810	2912255
CH321-67P06	CHORI-321	2L	17181019	17264113
CH321-67P07	CHORI-321	3L	11273576	11356944
CH321-67P08	CHORI-321	2R	13429068	13541684
CH321-67P09	CHORI-321	X	18541272	18646454
CH321-67P11	CHORI-321	3RHet	18116	88970
CH321-67P12	CHORI-321	3L	18451248	18531353
CH321-67P13	CHORI-321	3L	14436751	14499548
CH321-67P17	CHORI-321	3L	12320009	12419583
CH321-67P18	CHORI-321	3R	18290456	18383057
CH321-67P22	CHORI-321	3R	24202857	24307081
CH321-67P23	CHORI-321	3R	19883760	19985180

CH321-67P24	CHORI-321	3R	10732300	10828414
CH321-68A03	CHORI-321	2L	11343231	11433883
CH321-68A04	CHORI-321	2L	16271234	16365891
CH321-68A05	CHORI-321	2R	13486696	13584109
CH321-68A06	CHORI-321	3R	963060	1045743
CH321-68A07	CHORI-321	3L	19632753	19723372
CH321-68A08	CHORI-321	2L	16673124	16752927
CH321-68A10	CHORI-321	2R	3112199	3182087
CH321-68A12	CHORI-321	3R	21302558	21389731
CH321-68A15	CHORI-321	3L	1624076	1721595
CH321-68A16	CHORI-321	2R	19036078	19117383
CH321-68A17	CHORI-321	2R	10346095	10438777
CH321-68A18	CHORI-321	3L	11060964	11145072
CH321-68A20	CHORI-321	X	20595091	20683775
CH321-68A21	CHORI-321	2R	10394472	10484452
CH321-68B01	CHORI-321	2L	6617693	6713052
CH321-68B02	CHORI-321	3R	14986243	15069152
CH321-68B03	CHORI-321	2L	16489372	16586391
CH321-68B04	CHORI-321	2R	9292490	9375216
CH321-68B05	CHORI-321	3R	24734843	24829230
CH321-68B09	CHORI-321	3L	22608059	22695743
CH321-68B11	CHORI-321	3L	17676728	17777950
CH321-68B12	CHORI-321	3R	14359018	14430620
CH321-68B13	CHORI-321	2R	5652009	5729826
CH321-68B14	CHORI-321	3R	11014919	11106563
CH321-68B15	CHORI-321	2L	5187607	5261049
CH321-68B17	CHORI-321	2L	20021504	20108569
CH321-68B19	CHORI-321	3R	15463120	15552131
CH321-68B20	CHORI-321	X	15898939	15992413
CH321-68B22	CHORI-321	3L	17936221	18021649
CH321-68B24	CHORI-321	2L	3998646	4095270
CH321-68C03	CHORI-321	3R	4739565	4819597
CH321-68C04	CHORI-321	2R	11912762	11998033
CH321-68C05	CHORI-321	X	2596777	2686269
CH321-68C11	CHORI-321	3R	23811505	23893962
CH321-68C12	CHORI-321	4	852426	931994
CH321-68C17	CHORI-321	3R	8725730	8833321
CH321-68C18	CHORI-321	2L	5039129	5136904
CH321-68C19	CHORI-321	2L	9329400	9417881
CH321-68C21	CHORI-321	2R	7811038	7891004
CH321-68C24	CHORI-321	3R	10140826	10202455
CH321-68D01	CHORI-321	2R	9591286	9676867
CH321-68D02	CHORI-321	3L	16419595	16467841
CH321-68D03	CHORI-321	X	4959088	5044396
CH321-68D05	CHORI-321	3R	23188756	23273017
CH321-68D06	CHORI-321	3R	10769245	10849285
CH321-68D07	CHORI-321	3L	5456728	5533106
CH321-68D08	CHORI-321	3R	6394570	6479637
CH321-68D11	CHORI-321	3R	7954592	8048476
CH321-68D12	CHORI-321	3L	23764636	23841800
CH321-68D13	CHORI-321	X	9654536	9738053
CH321-68D15	CHORI-321	3L	17917892	17994646
CH321-68D18	CHORI-321	3L	21824319	21914320
CH321-68D20	CHORI-321	2R	1878153	1984338

CH321-68D21	CHORI-321	2L	16212402	16298895
CH321-68D23	CHORI-321	X	20696908	20777014
CH321-68E03	CHORI-321	3R	22380621	22482642
CH321-68E06	CHORI-321	X	11249284	11339564
CH321-68E13	CHORI-321	2R	16058159	16139034
CH321-68E21	CHORI-321	2L	9825824	9922875
CH321-68F05	CHORI-321	X	703675	797208
CH321-68F07	CHORI-321	2R	1727228	1826850
CH321-68F09	CHORI-321	2L	2141952	2223585
CH321-68F11	CHORI-321	3R	9252691	9336401
CH321-68F15	CHORI-321	3L	10494521	10590368
CH321-68F16	CHORI-321	3L	18420907	18518680
CH321-68F18	CHORI-321	3R	13522167	13608327
CH321-68F19	CHORI-321	2R	8279374	8377694
CH321-68G02	CHORI-321	3R	22948466	23043626
CH321-68G05	CHORI-321	2L	2434966	2552063
CH321-68G06	CHORI-321	3R	7279473	7373302
CH321-68G08	CHORI-321	3R	23857945	23942554
CH321-68G09	CHORI-321	3L	6367480	6461032
CH321-68G10	CHORI-321	3R	9840990	9917823
CH321-68G12	CHORI-321	2L	16685122	16769599
CH321-68G22	CHORI-321	3R	21742531	21835379
CH321-68G23	CHORI-321	3R	3074724	3165842
CH321-68H01	CHORI-321	2L	6225249	6311018
CH321-68H03	CHORI-321	X	10829076	10919948
CH321-68H10	CHORI-321	3R	10082259	10185098
CH321-68H14	CHORI-321	3R	27624863	27710112
CH321-68H16	CHORI-321	3L	22879010	22947622
CH321-68H18	CHORI-321	3R	26971456	27063940
CH321-68H20	CHORI-321	X	5380567	5475047
CH321-68H21	CHORI-321	2R	15834101	15927112
CH321-68I01	CHORI-321	X	5647499	5731411
CH321-68I03	CHORI-321	2R	1486977	1573651
CH321-68I06	CHORI-321	X	15673307	15765531
CH321-68I07	CHORI-321	3L	9500826	9607033
CH321-68I11	CHORI-321	3R	7301628	7402643
CH321-68I15	CHORI-321	2L	8024931	8091922
CH321-68I16	CHORI-321	2L	18816971	18904848
CH321-68I17	CHORI-321	3R	9043453	9116903
CH321-68I18	CHORI-321	2R	17858762	17947315
CH321-68I22	CHORI-321	2L	3192490	3279406
CH321-68J09	CHORI-321	2L	4223454	4309865
CH321-68J10	CHORI-321	3R	26433280	26513326
CH321-68J12	CHORI-321	3L	2406611	2461953
CH321-68J19	CHORI-321	X	7854752	7935937
CH321-68J22	CHORI-321	2R	13565841	13663970
CH321-68K01	CHORI-321	X	4747141	4840514
CH321-68K04	CHORI-321	3R	25045284	25138802
CH321-68K05	CHORI-321	3L	1889154	1973398
CH321-68K11	CHORI-321	3R	22143345	22238316
CH321-68K13	CHORI-321	2L	20664043	20766563
CH321-68K15	CHORI-321	2R	4566474	4671016
CH321-68K17	CHORI-321	3R	13883844	13971099
CH321-68K20	CHORI-321	3L	4503025	4585908

CH321-68K21	CHORI-321	3R	25924507	26012001
CH321-68K23	CHORI-321	3R	14005761	14089553
CH321-68K24	CHORI-321	3L	2679432	2777378
CH321-68L01	CHORI-321	3L	14550402	14630707
CH321-68L02	CHORI-321	2L	296770	384537
CH321-68L05	CHORI-321	3L	22328133	22448060
CH321-68L06	CHORI-321	X	976086	1068279
CH321-68L07	CHORI-321	3L	16665260	16711452
CH321-68L08	CHORI-321	3R	18298050	18394805
CH321-68L09	CHORI-321	X	20342144	20430182
CH321-68L10	CHORI-321	X	17089141	17176073
CH321-68L11	CHORI-321	2L	9155998	9241804
CH321-68L12	CHORI-321	3L	14859954	14932390
CH321-68L17	CHORI-321	2R	6611645	6699134
CH321-68L20	CHORI-321	2L	13833624	13915167
CH321-68L22	CHORI-321	3R	12983309	13092407
CH321-68L23	CHORI-321	3R	13325883	13382435
CH321-68L24	CHORI-321	3L	10646634	10727016
CH321-68M02	CHORI-321	3R	12225940	12310149
CH321-68M07	CHORI-321	2L	13709977	13792056
CH321-68M10	CHORI-321	2R	1054781	1158114
CH321-68M12	CHORI-321	3R	9162903	9271280
CH321-68M13	CHORI-321	3R	4258023	4350525
CH321-68M14	CHORI-321	X	4080060	4172788
CH321-68M16	CHORI-321	3R	1479426	1575754
CH321-68M18	CHORI-321	3L	16350574	16437422
CH321-68M19	CHORI-321	2R	8202942	8268560
CH321-68M20	CHORI-321	2L	13066377	13163937
CH321-68M22	CHORI-321	2R	13237608	13319894
CH321-68N01	CHORI-321	3R	17465905	17553000
CH321-68N03	CHORI-321	3L	4862893	4941012
CH321-68N08	CHORI-321	2L	8742241	8861829
CH321-68N09	CHORI-321	3R	18969602	19062880
CH321-68N12	CHORI-321	3L	7286883	7369171
CH321-68N13	CHORI-321	X	9672339	9766084
CH321-68N14	CHORI-321	3L	10655829	10737645
CH321-68N15	CHORI-321	3L	6549109	6619164
CH321-68N19	CHORI-321	3R	15060688	15162306
CH321-68N20	CHORI-321	2R	8082376	8184131
CH321-68N22	CHORI-321	2L	14164435	14255264
CH321-68N23	CHORI-321	3R	15070863	15113520
CH321-68N24	CHORI-321	X	11257686	11336641
CH321-68O01	CHORI-321	3L	4697244	4783072
CH321-68O05	CHORI-321	3L	10458423	10540742
CH321-68O08	CHORI-321	3R	11819153	11903260
CH321-68O14	CHORI-321	3R	9185867	9272898
CH321-68O15	CHORI-321	3R	8736862	8818469
CH321-68O16	CHORI-321	2R	8033394	8123479
CH321-68O17	CHORI-321	3L	17193364	17260724
CH321-68O19	CHORI-321	2R	1427950	1520168
CH321-68O21	CHORI-321	X	12794938	12887177
CH321-68O23	CHORI-321	3R	4715002	4807761
CH321-68O24	CHORI-321	3L	14230823	14314606
CH321-68P01	CHORI-321	3R	1259460	1337029

CH321-68P04	CHORI-321	2L	2438763	2550680
CH321-68P05	CHORI-321	2R	9966423	10041614
CH321-68P06	CHORI-321	X	14652723	14750381
CH321-68P08	CHORI-321	2L	13689881	13774691
CH321-68P11	CHORI-321	3R	12643752	12752836
CH321-68P12	CHORI-321	X	4840819	4892718
CH321-68P13	CHORI-321	3R	19623877	19719694
CH321-68P14	CHORI-321	2R	9936289	10018196
CH321-68P15	CHORI-321	3L	542257	631195
CH321-68P16	CHORI-321	3LHet	500294	595750
CH321-68P18	CHORI-321	3L	9244224	9340742
CH321-68P20	CHORI-321	3L	15685024	15768035
CH321-68P21	CHORI-321	2R	12754084	12856287
CH321-68P22	CHORI-321	3R	11686386	11778152
CH321-68P23	CHORI-321	3LHet	1107450	1197638
CH321-69A02	CHORI-321	3R	6282398	6337376
CH321-69A03	CHORI-321	2R	8887081	8982636
CH321-69A04	CHORI-321	2R	957069	1059687
CH321-69A05	CHORI-321	3R	24366153	24484359
CH321-69A06	CHORI-321	2R	2216136	2301061
CH321-69A07	CHORI-321	X	17669545	17763122
CH321-69A08	CHORI-321	3L	5869998	5951306
CH321-69A09	CHORI-321	3R	2339346	2438615
CH321-69A10	CHORI-321	X	8441040	8537535
CH321-69A11	CHORI-321	2L	5779189	5879783
CH321-69A14	CHORI-321	3R	248847	357361
CH321-69A16	CHORI-321	3R	12317298	12413524
CH321-69A19	CHORI-321	3L	17651046	17734624
CH321-69A21	CHORI-321	3R	13794164	13885400
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CH321-69B03	CHORI-321	2R	9097910	9141602
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CH321-69B06	CHORI-321	2L	6377186	6462845
CH321-69B09	CHORI-321	2R	9590009	9691628
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CH321-69B11	CHORI-321	X	20559955	20646347
CH321-69B14	CHORI-321	3L	22301701	22397396
CH321-69B15	CHORI-321	2R	17256551	17354950
CH321-69B18	CHORI-321	2L	9647043	9749704
CH321-69B20	CHORI-321	3L	630381	715697
CH321-69B21	CHORI-321	3L	12288540	12391946
CH321-69B22	CHORI-321	3L	1010189	1109596
CH321-69B23	CHORI-321	2R	1637967	1723072
CH321-69B24	CHORI-321	3R	5081228	5196838
CH321-69C08	CHORI-321	3R	22962407	23044282
CH321-69C10	CHORI-321	2R	6209888	6306423
CH321-69C11	CHORI-321	2L	20521275	20599936
CH321-69C13	CHORI-321	2L	7705995	7786183
CH321-69C15	CHORI-321	3R	23394124	23494307
CH321-69C17	CHORI-321	3R	5785476	5872031
CH321-69C18	CHORI-321	3L	3351817	3442030
CH321-69C19	CHORI-321	3R	22055872	22148415
CH321-69C21	CHORI-321	2L	18190571	18291695

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CH321-69D04	CHORI-321	2L	13062721	13143845
CH321-69D06	CHORI-321	X	12878436	12966849
CH321-69D12	CHORI-321	2R	2950184	3062191
CH321-69D16	CHORI-321	X	7765016	7837916
CH321-69D23	CHORI-321	3LHet	1503831	1565552
CH321-69D24	CHORI-321	3R	9761285	9822658
CH321-69E01	CHORI-321	2L	18299668	18398656
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CH321-69E06	CHORI-321	3R	11512655	11600914
CH321-69E11	CHORI-321	3R	14058070	14099290
CH321-69E14	CHORI-321	2R	10557406	10650042
CH321-69E18	CHORI-321	X	17963851	18039175
CH321-69E19	CHORI-321	2R	10944897	11064512
CH321-69E23	CHORI-321	2R	14030856	14133558
CH321-69F01	CHORI-321	2L	18216011	18321260
CH321-69F02	CHORI-321	2RHet	1768091	1859662
CH321-69F04	CHORI-321	3R	10640798	10731142
CH321-69F06	CHORI-321	3R	13913311	13995928
CH321-69F07	CHORI-321	2R	8923892	9016064
CH321-69F08	CHORI-321	3R	18535861	18636712
CH321-69F13	CHORI-321	3R	7384202	7474207
CH321-69F16	CHORI-321	2L	7890838	7979484
CH321-69F17	CHORI-321	3L	12528243	12621660
CH321-69F20	CHORI-321	4	243703	326456
CH321-69F23	CHORI-321	2L	8153637	8246404
CH321-69F24	CHORI-321	X	11259247	11358640
CH321-69G01	CHORI-321	3R	24476921	24558979
CH321-69G02	CHORI-321	2R	1738095	1844590
CH321-69G06	CHORI-321	X	19224900	19305843
CH321-69G09	CHORI-321	2R	14565960	14647455
CH321-69G10	CHORI-321	3R	18098421	18193267
CH321-69G12	CHORI-321	2L	18137893	18223799
CH321-69G13	CHORI-321	X	12859013	12932772
CH321-69G17	CHORI-321	3R	15353992	15432552
CH321-69G23	CHORI-321	3R	10202452	10286430
CH321-69H01	CHORI-321	2L	3853151	3948525
CH321-69H02	CHORI-321	3R	15623097	15709008
CH321-69H03	CHORI-321	3L	23387075	23484188
CH321-69H06	CHORI-321	3L	17474228	17543230
CH321-69H08	CHORI-321	2R	6834565	6919578
CH321-69H10	CHORI-321	3L	9686228	9776268
CH321-69H11	CHORI-321	2R	4015134	4100554
CH321-69H12	CHORI-321	3L	3641155	3731295
CH321-69H14	CHORI-321	3RHet	165026	267740
CH321-69H17	CHORI-321	2L	9411740	9513545
CH321-69H19	CHORI-321	3L	7558843	7653715
CH321-69H20	CHORI-321	3L	995506	1096637
CH321-69H22	CHORI-321	3L	13290295	13375181
CH321-69H23	CHORI-321	2R	18065725	18146405
CH321-69I01	CHORI-321	2L	2452092	2528133
CH321-69I03	CHORI-321	3R	1042272	1141551
CH321-69I06	CHORI-321	X	3297717	3400272

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CH321-69I10	CHORI-321	2R	20889914	20989862
CH321-69I11	CHORI-321	2L	2356476	2455222
CH321-69I13	CHORI-321	3R	90231	169113
CH321-69I15	CHORI-321	2L	20921399	21009010
CH321-69I16	CHORI-321	2R	4141074	4226131
CH321-69I18	CHORI-321	2R	1229345	1303444
CH321-69I20	CHORI-321	3R	367738	444909
CH321-69I22	CHORI-321	2L	6746697	6850524
CH321-69J01	CHORI-321	2L	15503629	15595715
CH321-69J02	CHORI-321	3L	11320707	11396815
CH321-69J10	CHORI-321	2R	8350983	8445538
CH321-69J12	CHORI-321	3L	21597699	21679885
CH321-69J14	CHORI-321	2L	6998317	7046850
CH321-69J17	CHORI-321	2R	19659103	19739249
CH321-69J21	CHORI-321	2R	17861217	17952538
CH321-69J22	CHORI-321	3L	6983222	7067790
CH321-69K03	CHORI-321	3L	4079448	4171155
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CH321-69K06	CHORI-321	3R	6576158	6681129
CH321-69K10	CHORI-321	2R	6697822	6767821
CH321-69K13	CHORI-321	2L	9665904	9754952
CH321-69K16	CHORI-321	2L	18368047	18455900
CH321-69K18	CHORI-321	3R	27043464	27135244
CH321-69K21	CHORI-321	X	8489841	8580763
CH321-69K24	CHORI-321	2L	12207727	12288955
CH321-69L01	CHORI-321	2R	4891445	4967289
CH321-69L02	CHORI-321	3R	23221861	23304479
CH321-69L03	CHORI-321	2L	13670759	13714462
CH321-69L04	CHORI-321	3L	17872810	17971661
CH321-69L05	CHORI-321	3R	19784840	19881455
CH321-69L07	CHORI-321	2L	15915246	16004016
CH321-69L09	CHORI-321	3L	7154429	7238171
CH321-69L10	CHORI-321	3L	2496505	2588239
CH321-69L11	CHORI-321	2R	7243422	7328585
CH321-69L17	CHORI-321	2L	5764402	5856566
CH321-69L20	CHORI-321	3R	15199076	15292011
CH321-69M01	CHORI-321	3L	12995782	13066938
CH321-69M02	CHORI-321	2R	17278618	17371055
CH321-69M09	CHORI-321	2L	14443662	14533203
CH321-69M12	CHORI-321	2L	18137893	18223799
CH321-69M13	CHORI-321	2L	7182835	7275717
CH321-69M14	CHORI-321	3RHet	1481237	1559403
CH321-69M16	CHORI-321	2L	22745441	22838764
CH321-69M18	CHORI-321	3R	11882020	11970046
CH321-69M19	CHORI-321	3L	5830930	5925024
CH321-69M20	CHORI-321	X	454310	536475
CH321-69M23	CHORI-321	2R	9097642	9187490
CH321-69M24	CHORI-321	3R	6901833	6997262
CH321-69N01	CHORI-321	2R	20509289	20602057
CH321-69N04	CHORI-321	2L	6563362	6661357
CH321-69N08	CHORI-321	X	8184094	8258944
CH321-69N10	CHORI-321	2L	20596675	20678028
CH321-69N12	CHORI-321	3L	133730	220095

CH321-69N13	CHORI-321	3L	11927453	12017863
CH321-69N14	CHORI-321	3L	18018622	18101173
CH321-69N15	CHORI-321	2RHet	1966300	2071505
CH321-69N16	CHORI-321	2L	8510055	8595994
CH321-69N18	CHORI-321	2L	1978466	2074030
CH321-69N19	CHORI-321	2L	14912348	15003730
CH321-69N20	CHORI-321	3L	14647831	14739406
CH321-69N21	CHORI-321	2L	4018327	4109556
CH321-69N22	CHORI-321	X	7465370	7545748
CH321-69O02	CHORI-321	2L	21214335	21307184
CH321-69O03	CHORI-321	X	10072376	10160841
CH321-69O06	CHORI-321	3L	4178449	4271005
CH321-69O07	CHORI-321	X	11775953	11816676
CH321-69O09	CHORI-321	2L	15010809	15091046
CH321-69O11	CHORI-321	3L	9228645	9307949
CH321-69O13	CHORI-321	2R	1873884	1964746
CH321-69O14	CHORI-321	2L	21621314	21702006
CH321-69O19	CHORI-321	3L	22066973	22144252
CH321-69O23	CHORI-321	2L	21907676	21998049
CH321-69P01	CHORI-321	2R	15869448	15942378
CH321-69P02	CHORI-321	X	5308456	5396488
CH321-69P04	CHORI-321	2R	12319779	12397231
CH321-69P08	CHORI-321	2R	13978589	14078049
CH321-69P10	CHORI-321	3R	471646	511762
CH321-69P11	CHORI-321	3L	5879098	5974244
CH321-69P13	CHORI-321	2L	17862021	17943892
CH321-69P15	CHORI-321	2LHet	272115	367539
CH321-69P17	CHORI-321	X	8421150	8498581
CH321-69P18	CHORI-321	3R	8923494	9036214
CH321-69P21	CHORI-321	2R	3235374	3325564
CH321-69P22	CHORI-321	2L	11802649	11886811
CH321-70A01	CHORI-321	2R	9966423	10051632
CH321-70A02	CHORI-321	2L	5552061	5652765
CH321-70A04	CHORI-321	3L	19172920	19267154
CH321-70A05	CHORI-321	X	9580928	9647185
CH321-70A06	CHORI-321	3R	2407141	2504708
CH321-70A08	CHORI-321	X	9396015	9485775
CH321-70A09	CHORI-321	3R	13658203	13757803
CH321-70A11	CHORI-321	3L	5156053	5265723
CH321-70A12	CHORI-321	3R	3266960	3340283
CH321-70A13	CHORI-321	2R	7459291	7557399
CH321-70A14	CHORI-321	3L	5290855	5383228
CH321-70A15	CHORI-321	2L	16154410	16253726
CH321-70A16	CHORI-321	2L	11230427	11316192
CH321-70A17	CHORI-321	3LHet	989613	1080657
CH321-70A18	CHORI-321	X	10447560	10529147
CH321-70A19	CHORI-321	3R	18285531	18384030
CH321-70A20	CHORI-321	2R	5921997	6020962
CH321-70A21	CHORI-321	3R	5729381	5825318
CH321-70A22	CHORI-321	3R	2295169	2363802
CH321-70A23	CHORI-321	3L	13380248	13469803
CH321-70A24	CHORI-321	3L	11006593	11089066
CH321-70B01	CHORI-321	2L	1585488	1678880
CH321-70B04	CHORI-321	3L	10745391	10828104

CH321-70B05	CHORI-321	X	2632531	2713785
CH321-70B06	CHORI-321	3L	6903857	6985986
CH321-70B09	CHORI-321	3L	2162250	2251934
CH321-70B10	CHORI-321	2R	11753308	11834630
CH321-70B12	CHORI-321	2L	5336121	5412449
CH321-70B13	CHORI-321	X	11451601	11549239
CH321-70B17	CHORI-321	X	20352266	20448524
CH321-70B19	CHORI-321	2R	8514086	8607192
CH321-70B20	CHORI-321	3L	8724546	8802053
CH321-70B21	CHORI-321	X	14399001	14480579
CH321-70B22	CHORI-321	2L	1778571	1857534
CH321-70C01	CHORI-321	2L	10494671	10598285
CH321-70C03	CHORI-321	2L	9588785	9692420
CH321-70C11	CHORI-321	3R	14939371	15049487
CH321-70C12	CHORI-321	3R	1432684	1523233
CH321-70C16	CHORI-321	3L	13436400	13518136
CH321-70C18	CHORI-321	2R	19442893	19533296
CH321-70C19	CHORI-321	2L	3101934	3189373
CH321-70C20	CHORI-321	2R	291999	390870
CH321-70C23	CHORI-321	3L	8292006	8337352
CH321-70D01	CHORI-321	3R	2961455	3056761
CH321-70D02	CHORI-321	2L	18107634	18186128
CH321-70D03	CHORI-321	3L	624340	728102
CH321-70D04	CHORI-321	3R	10727457	10798341
CH321-70D05	CHORI-321	3L	15851225	15940999
CH321-70D06	CHORI-321	2R	14331309	14438708
CH321-70D10	CHORI-321	3L	18667704	18764688
CH321-70D11	CHORI-321	3R	20544146	20641089
CH321-70D12	CHORI-321	3R	6776731	6887640
CH321-70D21	CHORI-321	2L	2007640	2112551
CH321-70D22	CHORI-321	2L	8846236	8941732
CH321-70D23	CHORI-321	3R	10828434	10907389
CH321-70E01	CHORI-321	2R	19659579	19765603
CH321-70E02	CHORI-321	2R	10042562	10151445
CH321-70E03	CHORI-321	3L	9951912	10032390
CH321-70E09	CHORI-321	3L	12525190	12614460
CH321-70E10	CHORI-321	2R	2552515	2641456
CH321-70E11	CHORI-321	2R	9476333	9563636
CH321-70E12	CHORI-321	X	5642305	5730175
CH321-70E13	CHORI-321	3L	470148	530442
CH321-70E14	CHORI-321	2R	1558264	1645939
CH321-70E19	CHORI-321	3L	23975175	24072578
CH321-70E22	CHORI-321	X	3707433	3757383
CH321-70E23	CHORI-321	2R	15895781	15974259
CH321-70F01	CHORI-321	3L	22127254	22216787
CH321-70F02	CHORI-321	3R	15652210	15737175
CH321-70F03	CHORI-321	3R	7703746	7806550
CH321-70F05	CHORI-321	2L	1760935	1851058
CH321-70F06	CHORI-321	3R	4364997	4447139
CH321-70F07	CHORI-321	2L	3531430	3615266
CH321-70F12	CHORI-321	2L	9709643	9791903
CH321-70F21	CHORI-321	3R	27393370	27485601
CH321-70F23	CHORI-321	2R	6625701	6709483
CH321-70G02	CHORI-321	2L	12607171	12702145

CH321-70G03	CHORI-321	X	5142967	5231842
CH321-70G06	CHORI-321	2R	783625	869448
CH321-70G10	CHORI-321	X	2727297	2820081
CH321-70G11	CHORI-321	2L	7090820	7168608
CH321-70G12	CHORI-321	X	9036600	9127389
CH321-70G16	CHORI-321	2L	15935297	16039438
CH321-70G19	CHORI-321	3R	22382972	22461466
CH321-70G20	CHORI-321	3L	15298047	15378638
CH321-70G22	CHORI-321	3R	19616716	19718318
CH321-70G24	CHORI-321	2L	11801062	11903005
CH321-70H01	CHORI-321	X	5328334	5436792
CH321-70H02	CHORI-321	2R	10301056	10381575
CH321-70H05	CHORI-321	X	1798539	1886984
CH321-70H10	CHORI-321	3R	9816107	9898320
CH321-70H11	CHORI-321	3R	24042646	24143626
CH321-70H12	CHORI-321	3R	15804192	15901870
CH321-70H13	CHORI-321	3LHet	2456631	2543774
CH321-70H16	CHORI-321	3R	9423062	9508168
CH321-70H20	CHORI-321	2R	7300077	7369947
CH321-70H22	CHORI-321	3L	8079065	8181619
CH321-70H23	CHORI-321	2L	1506888	1596228
CH321-70I02	CHORI-321	2R	2257824	2343962
CH321-70I04	CHORI-321	3L	12230638	12334074
CH321-70I09	CHORI-321	X	17059889	17144280
CH321-70I10	CHORI-321	2R	2552515	2641456
CH321-70I11	CHORI-321	2L	7781745	7876441
CH321-70I12	CHORI-321	2R	4628789	4714150
CH321-70I16	CHORI-321	3L	15894260	16002810
CH321-70I22	CHORI-321	2L	5699083	5756492
CH321-70I23	CHORI-321	2L	15057753	15171573
CH321-70J02	CHORI-321	3R	13275713	13370202
CH321-70J03	CHORI-321	3L	7628654	7713765
CH321-70J04	CHORI-321	3R	14975431	15076638
CH321-70J07	CHORI-321	2R	8460293	8546780
CH321-70J12	CHORI-321	3RHet	1705608	1802758
CH321-70J13	CHORI-321	3L	3372436	3460886
CH321-70J19	CHORI-321	3R	18587118	18686259
CH321-70K01	CHORI-321	3R	7722067	7799330
CH321-70K02	CHORI-321	2L	7890792	7982332
CH321-70K03	CHORI-321	3R	8934720	9023800
CH321-70K06	CHORI-321	X	7565715	7660135
CH321-70K07	CHORI-321	3R	9799108	9889018
CH321-70K08	CHORI-321	X	9656262	9701080
CH321-70K11	CHORI-321	3L	10751737	10854314
CH321-70K14	CHORI-321	2R	2718003	2792229
CH321-70K18	CHORI-321	X	9751503	9829253
CH321-70K21	CHORI-321	2R	1844661	1937754
CH321-70K22	CHORI-321	3R	13513221	13605779
CH321-70K23	CHORI-321	3R	16034336	16132486
CH321-70K24	CHORI-321	2RHet	1655443	1748159
CH321-70L01	CHORI-321	3R	21533224	21629798
CH321-70L03	CHORI-321	2RHet	1315737	1410501
CH321-70L05	CHORI-321	2L	11237416	11331412
CH321-70L07	CHORI-321	2L	10573378	10641648

CH321-70L09	CHORI-321	2L	9007906	9098051
CH321-70L11	CHORI-321	3L	20830813	20937562
CH321-70L13	CHORI-321	3L	13297345	13390054
CH321-70L14	CHORI-321	ArmU	1156163	1246873
CH321-70L16	CHORI-321	2R	14736304	14818584
CH321-70L19	CHORI-321	3L	4094059	4138089
CH321-70M01	CHORI-321	3L	21573747	21650222
CH321-70M02	CHORI-321	3L	20697963	20797302
CH321-70M04	CHORI-321	2L	16917134	17031776
CH321-70M05	CHORI-321	2L	21613251	21681614
CH321-70M08	CHORI-321	2L	1410680	1494214
CH321-70M13	CHORI-321	X	13700821	13789516
CH321-70M14	CHORI-321	2L	16047745	16137842
CH321-70M18	CHORI-321	3R	851902	935928
CH321-70M23	CHORI-321	2R	8937151	9038981
CH321-70N01	CHORI-321	2R	11469684	11575452
CH321-70N03	CHORI-321	2R	16315002	16388766
CH321-70N05	CHORI-321	2R	11265801	11374443
CH321-70N07	CHORI-321	3R	24972179	25065248
CH321-70N10	CHORI-321	2R	6240759	6283043
CH321-70N15	CHORI-321	3R	9679095	9773763
CH321-70N17	CHORI-321	3R	15333361	15428048
CH321-70N18	CHORI-321	2L	12928692	13029339
CH321-70N19	CHORI-321	X	11141581	11221327
CH321-70N20	CHORI-321	2R	6580183	6643444
CH321-70N21	CHORI-321	2L	10096275	10187155
CH321-70N24	CHORI-321	2R	19303927	19384820
CH321-70O01	CHORI-321	2L	21912295	22014821
CH321-70O02	CHORI-321	2R	2070262	2169251
CH321-70O03	CHORI-321	3L	8791027	8896041
CH321-70O05	CHORI-321	2R	17011943	17093500
CH321-70O06	CHORI-321	2L	2884428	2975904
CH321-70O09	CHORI-321	X	10116624	10219119
CH321-70O10	CHORI-321	2R	8259223	8354959
CH321-70O11	CHORI-321	3R	15283410	15388262
CH321-70O12	CHORI-321	3L	11205012	11286912
CH321-70O13	CHORI-321	X	12707253	12795656
CH321-70O14	CHORI-321	2L	18187575	18278400
CH321-70O18	CHORI-321	3R	23155447	23262217
CH321-70O23	CHORI-321	2R	21063202	21146322
CH321-70P01	CHORI-321	2L	12082278	12172064
CH321-70P02	CHORI-321	3R	14292995	14386655
CH321-70P03	CHORI-321	3L	10786822	10890495
CH321-70P04	CHORI-321	3L	6396076	6477401
CH321-70P05	CHORI-321	3L	14766225	14869093
CH321-70P07	CHORI-321	3R	6419290	6503111
CH321-70P09	CHORI-321	3L	10977413	11073442
CH321-70P12	CHORI-321	X	5695644	5769250
CH321-70P13	CHORI-321	3R	24085028	24184734
CH321-70P14	CHORI-321	2L	10338352	10447627
CH321-70P17	CHORI-321	2L	21711621	21800881
CH321-70P18	CHORI-321	X	9638109	9730802
CH321-70P19	CHORI-321	2R	19297004	19381055
CH321-70P20	CHORI-321	X	15038306	15136358

CH321-70P21	CHORI-321	3L	454300	541138
CH321-70P24	CHORI-321	3L	5141766	5244266
CH321-71A07	CHORI-321	2R	12389187	12464958
CH321-71A08	CHORI-321	2R	12389187	12464958
CH321-71A15	CHORI-321	3R	6095753	6189824
CH321-71A16	CHORI-321	3R	6095753	6189824
CH321-71A19	CHORI-321	X	2290954	2383929
CH321-71A20	CHORI-321	3L	3735847	3832910
CH321-71A21	CHORI-321	3L	21077460	21178237
CH321-71A22	CHORI-321	3L	21077460	21178237
CH321-71B03	CHORI-321	2L	15071723	15156400
CH321-71B04	CHORI-321	X	19333463	19435040
CH321-71B05	CHORI-321	X	19636789	19732452
CH321-71B06	CHORI-321	2L	11791167	11885834
CH321-71B07	CHORI-321	2L	7013719	7096400
CH321-71B08	CHORI-321	2L	7148399	7245077
CH321-71B09	CHORI-321	3R	2438267	2515871
CH321-71B10	CHORI-321	3R	2226775	2304121
CH321-71B11	CHORI-321	3L	3206836	3290995
CH321-71B12	CHORI-321	2R	16425659	16516274
CH321-71B13	CHORI-321	2R	17458742	17545975
CH321-71B14	CHORI-321	X	13600764	13695448
CH321-71B15	CHORI-321	2R	12344966	12431928
CH321-71B17	CHORI-321	3L	18507174	18610177
CH321-71B19	CHORI-321	2L	21565625	21637331
CH321-71B21	CHORI-321	2R	2039359	2138860
CH321-71B22	CHORI-321	3RHet	2101015	2204163
CH321-71B23	CHORI-321	2R	19443473	19524041
CH321-71B24	CHORI-321	2R	19443473	19524041
CH321-71C02	CHORI-321	2L	10430151	10510306
CH321-71C03	CHORI-321	2R	11714390	11793576
CH321-71C04	CHORI-321	2RHet	2920807	2987149
CH321-71C16	CHORI-321	3R	21396297	21482164
CH321-71C21	CHORI-321	2L	20310524	20420026
CH321-71C22	CHORI-321	X	16251810	16337891
CH321-71C23	CHORI-321	X	13010163	13097393
CH321-71D02	CHORI-321	3L	403358	486422
CH321-71D03	CHORI-321	2L	4697287	4789953
CH321-71D05	CHORI-321	3R	25844523	25920630
CH321-71D09	CHORI-321	3R	15234839	15352575
CH321-71D10	CHORI-321	2L	18975268	19076288
CH321-71D13	CHORI-321	2R	9309190	9404193
CH321-71D14	CHORI-321	3R	16200499	16281443
CH321-71D15	CHORI-321	3L	13403867	13507646
CH321-71D18	CHORI-321	2R	16579780	16657440
CH321-71D19	CHORI-321	X	6161688	6220313
CH321-71D22	CHORI-321	2L	237623	343177
CH321-71D23	CHORI-321	3R	19717165	19801099
CH321-71D24	CHORI-321	3L	3057497	3142446
CH321-71E01	CHORI-321	3LHet	609649	687329
CH321-71E04	CHORI-321	2L	16003287	16094428
CH321-71E05	CHORI-321	3R	11525718	11626669
CH321-71E13	CHORI-321	2R	13524264	13603926
CH321-71E14	CHORI-321	X	18454141	18543656

CH321-71E21	CHORI-321	X	18029511	18127605
CH321-71E22	CHORI-321	3L	16103766	16190419
CH321-71E24	CHORI-321	2R	11649609	11741261
CH321-71F01	CHORI-321	3R	17295765	17381550
CH321-71F02	CHORI-321	2L	21880624	21969977
CH321-71F05	CHORI-321	X	19057972	19149294
CH321-71F09	CHORI-321	3L	19556309	19615185
CH321-71F10	CHORI-321	3R	8113662	8210669
CH321-71F11	CHORI-321	2R	17137073	17199320
CH321-71F17	CHORI-321	3L	6757852	6846803
CH321-71F18	CHORI-321	2R	19076851	19171734
CH321-71F19	CHORI-321	2L	7423151	7521109
CH321-71F21	CHORI-321	3R	11950436	12005382
CH321-71F22	CHORI-321	3R	12669165	12753077
CH321-71F23	CHORI-321	3L	22405350	22493188
CH321-71G08	CHORI-321	3RHet	1903977	1975403
CH321-71G09	CHORI-321	3R	4984926	5070034
CH321-71G11	CHORI-321	3L	5692207	5778542
CH321-71G14	CHORI-321	X	2468982	2571221
CH321-71G17	CHORI-321	3R	12387042	12483183
CH321-71G18	CHORI-321	2R	3332854	3391937
CH321-71G22	CHORI-321	X	15747740	15818253
CH321-71G23	CHORI-321	2R	19530517	19624325
CH321-71H02	CHORI-321	2R	15727399	15800392
CH321-71H08	CHORI-321	3L	7061619	7157280
CH321-71H11	CHORI-321	3L	12186484	12273773
CH321-71H12	CHORI-321	2L	7350188	7443700
CH321-71H14	CHORI-321	X	13213848	13311157
CH321-71H17	CHORI-321	3R	12963916	13059345
CH321-71H18	CHORI-321	2R	7952869	8031928
CH321-71H20	CHORI-321	3L	12003221	12092346
CH321-71H22	CHORI-321	X	3240735	3328709
CH321-71H23	CHORI-321	2L	17304823	17389967
CH321-71I03	CHORI-321	2R	492124	564263
CH321-71I05	CHORI-321	3L	11062661	11152053
CH321-71I11	CHORI-321	2R	20533886	20640425
CH321-71I15	CHORI-321	3L	10313225	10419065
CH321-71I16	CHORI-321	3R	27134793	27207209
CH321-71I19	CHORI-321	2R	7813246	7890257
CH321-71I20	CHORI-321	3R	21421310	21509566
CH321-71I22	CHORI-321	3L	2137701	2223687
CH321-71J01	CHORI-321	X	10980690	11029953
CH321-71J02	CHORI-321	2L	20860516	20935785
CH321-71J03	CHORI-321	2R	5363446	5463321
CH321-71J05	CHORI-321	3R	8343064	8436079
CH321-71J07	CHORI-321	3L	19257689	19363716
CH321-71J09	CHORI-321	X	5128757	5213291
CH321-71J11	CHORI-321	3L	2500596	2589493
CH321-71J17	CHORI-321	3L	11704848	11790664
CH321-71J18	CHORI-321	2L	3216471	3306426
CH321-71J21	CHORI-321	X	5643521	5741564
CH321-71J24	CHORI-321	3L	11305483	11406107
CH321-71K01	CHORI-321	2R	15247681	15346956
CH321-71K02	CHORI-321	3L	18328294	18403055

CH321-71K04	CHORI-321	X	6616430	6708982
CH321-71K06	CHORI-321	3L	22910078	22998235
CH321-71K07	CHORI-321	3R	21127326	21208531
CH321-71K10	CHORI-321	2L	4064092	4141734
CH321-71K11	CHORI-321	2L	11018177	11112911
CH321-71K12	CHORI-321	2R	2473185	2558411
CH321-71K13	CHORI-321	3R	23565898	23672207
CH321-71K21	CHORI-321	3R	5404986	5494981
CH321-71K22	CHORI-321	3L	3513374	3607573
CH321-71L03	CHORI-321	3L	6462561	6538031
CH321-71L04	CHORI-321	X	5408090	5492919
CH321-71L05	CHORI-321	X	7146662	7244094
CH321-71L07	CHORI-321	3R	13155329	13230270
CH321-71L08	CHORI-321	3R	15323322	15429853
CH321-71L09	CHORI-321	X	6994456	7087121
CH321-71L10	CHORI-321	2RHet	1686097	1748000
CH321-71L12	CHORI-321	2R	13793611	13881225
CH321-71L19	CHORI-321	2L	6204929	6276580
CH321-71L20	CHORI-321	3L	2474799	2562293
CH321-71L21	CHORI-321	2R	4793735	4881625
CH321-71L22	CHORI-321	2L	9939882	10027735
CH321-71L23	CHORI-321	2R	14566738	14667559
CH321-71M02	CHORI-321	2L	16409979	16490869
CH321-71M03	CHORI-321	X	22190971	22277514
CH321-71M10	CHORI-321	3L	23765780	23839718
CH321-71M12	CHORI-321	3L	12248837	12327545
CH321-71M13	CHORI-321	3L	2642269	2729414
CH321-71M16	CHORI-321	3R	21704892	21778866
CH321-71M17	CHORI-321	3R	15113517	15173333
CH321-71M19	CHORI-321	3L	18147812	18246945
CH321-71M20	CHORI-321	2R	20439047	20513381
CH321-71M21	CHORI-321	3R	4688691	4773096
CH321-71M22	CHORI-321	2L	6840205	6933423
CH321-71M24	CHORI-321	3L	3938799	4017653
CH321-71N01	CHORI-321	3L	6729802	6812112
CH321-71N03	CHORI-321	3L	20015134	20117154
CH321-71N04	CHORI-321	2R	10026103	10116520
CH321-71N12	CHORI-321	2R	993881	1086111
CH321-71N14	CHORI-321	3R	17063773	17138948
CH321-71N16	CHORI-321	3R	24687095	24779971
CH321-71N18	CHORI-321	3L	11568406	11667785
CH321-71N19	CHORI-321	X	4998432	5096517
CH321-71N20	CHORI-321	3L	15605382	15669494
CH321-71N21	CHORI-321	2L	1249291	1329504
CH321-71N23	CHORI-321	2R	9075800	9152811
CH321-71N24	CHORI-321	3R	3253074	3331395
CH321-71O03	CHORI-321	3R	12373372	12468701
CH321-71O05	CHORI-321	3R	21035124	21117625
CH321-71O08	CHORI-321	3L	14957329	15041949
CH321-71O09	CHORI-321	2L	20187266	20301755
CH321-71O17	CHORI-321	3L	2987198	3087321
CH321-71O21	CHORI-321	3L	21178234	21284428
CH321-71P01	CHORI-321	2L	6194477	6282316
CH321-71P03	CHORI-321	2L	7449238	7554847

CH321-71P07	CHORI-321	2L	13311839	13389618
CH321-71P09	CHORI-321	2R	17435255	17525210
CH321-71P11	CHORI-321	3R	750058	829403
CH321-71P12	CHORI-321	2R	7437845	7532924
CH321-71P13	CHORI-321	3R	15320346	15399019
CH321-71P14	CHORI-321	2L	18593796	18688464
CH321-71P17	CHORI-321	2L	15741130	15827713
CH321-71P18	CHORI-321	3L	22867731	22913049
CH321-71P20	CHORI-321	2R	18215846	18302569
CH321-72A05	CHORI-321	3R	16702891	16795603
CH321-72A06	CHORI-321	2R	8375096	8474791
CH321-72A07	CHORI-321	3LHet	1229795	1314422
CH321-72A08	CHORI-321	2L	12107844	12197393
CH321-72A10	CHORI-321	2R	18092198	18182173
CH321-72A12	CHORI-321	3R	24870196	24974192
CH321-72A15	CHORI-321	3R	3425899	3523950
CH321-72A16	CHORI-321	3R	13108656	13206205
CH321-72A17	CHORI-321	3L	8152080	8192271
CH321-72A19	CHORI-321	3L	5698104	5795434
CH321-72A22	CHORI-321	2R	7307366	7390804
CH321-72A23	CHORI-321	X	7583403	7678634
CH321-72B04	CHORI-321	2R	15670896	15778300
CH321-72B05	CHORI-321	3R	13219588	13301106
CH321-72B07	CHORI-321	3L	452472	533815
CH321-72B09	CHORI-321	3R	1165594	1258786
CH321-72B10	CHORI-321	3L	2659380	2753844
CH321-72B11	CHORI-321	3R	13997496	14088178
CH321-72B15	CHORI-321	3L	173217	254349
CH321-72B17	CHORI-321	2R	10485384	10576367
CH321-72B18	CHORI-321	X	6887492	6990060
CH321-72B20	CHORI-321	3R	14707419	14796119
CH321-72B21	CHORI-321	3R	6055973	6164323
CH321-72B22	CHORI-321	3LHet	383753	472533
CH321-72C01	CHORI-321	2R	16002633	16086481
CH321-72C02	CHORI-321	3R	8046747	8140446
CH321-72C06	CHORI-321	3R	2215324	2307623
CH321-72C08	CHORI-321	2R	3223987	3332403
CH321-72C11	CHORI-321	X	13550338	13654359
CH321-72C14	CHORI-321	3R	12030117	12126357
CH321-72C17	CHORI-321	2L	8837078	8932975
CH321-72C19	CHORI-321	X	17097403	17186759
CH321-72C21	CHORI-321	3L	21129747	21224813
CH321-72C23	CHORI-321	3L	16830299	16906428
CH321-72C24	CHORI-321	3L	14663548	14761844
CH321-72D01	CHORI-321	3R	573760	645160
CH321-72D02	CHORI-321	X	9008224	9085888
CH321-72D05	CHORI-321	3L	13920659	13967333
CH321-72D07	CHORI-321	3R	12687400	12786840
CH321-72D11	CHORI-321	2L	1329363	1415354
CH321-72D12	CHORI-321	X	13579343	13676817
CH321-72D13	CHORI-321	2L	6136948	6232803
CH321-72D14	CHORI-321	2L	10096413	10181920
CH321-72D20	CHORI-321	2L	1113508	1191743
CH321-72D23	CHORI-321	2L	18740353	18827623

CH321-72D24	CHORI-321	3L	9991011	10084008
CH321-72E01	CHORI-321	3L	10081129	10189544
CH321-72E02	CHORI-321	X	5004025	5077848
CH321-72E04	CHORI-321	3R	4728521	4822645
CH321-72E07	CHORI-321	2L	18779045	18888762
CH321-72E08	CHORI-321	3R	2891296	2983413
CH321-72E09	CHORI-321	3R	4981122	5066961
CH321-72E10	CHORI-321	2R	5729151	5783063
CH321-72E12	CHORI-321	3R	3159159	3258900
CH321-72E13	CHORI-321	3R	4964863	5039887
CH321-72E14	CHORI-321	3R	11290116	11369128
CH321-72E15	CHORI-321	2L	16253723	16341051
CH321-72E17	CHORI-321	2R	9289764	9376435
CH321-72E22	CHORI-321	2R	14257311	14349058
CH321-72E23	CHORI-321	3R	26635066	26724128
CH321-72F01	CHORI-321	3R	31146 87923	
CH321-72F03	CHORI-321	X	7478504	7567604
CH321-72F06	CHORI-321	2L	7085269	7177523
CH321-72F07	CHORI-321	2L	10421967	10513279
CH321-72F08	CHORI-321	3R	1361985	1457629
CH321-72F11	CHORI-321	3L	6599786	6683291
CH321-72F12	CHORI-321	3R	13406605	13498494
CH321-72F15	CHORI-321	X	19058395	19139407
CH321-72F23	CHORI-321	3R	13498230	13577614
CH321-72F24	CHORI-321	3R	5109025	5193694
CH321-72G01	CHORI-321	2R	10387961	10458010
CH321-72G02	CHORI-321	3L	1142644	1231238
CH321-72G04	CHORI-321	2L	6724691	6817039
CH321-72G08	CHORI-321	3L	155967	250713
CH321-72G17	CHORI-321	X	12302113	12405602
CH321-72G18	CHORI-321	2L	18979684	19069777
CH321-72G20	CHORI-321	3RHet	1147385	1235053
CH321-72G22	CHORI-321	3R	13539356	13629778
CH321-72G23	CHORI-321	3L	12217077	12315782
CH321-72H03	CHORI-321	2L	16529587	16605052
CH321-72H07	CHORI-321	3R	17160269	17238113
CH321-72H10	CHORI-321	3L	6652441	6739547
CH321-72H11	CHORI-321	3L	13646875	13753848
CH321-72H14	CHORI-321	X	19392015	19480487
CH321-72H17	CHORI-321	3R	4553729	4642041
CH321-72H19	CHORI-321	X	21840292	21932913
CH321-72H21	CHORI-321	3L	13808675	13893263
CH321-72H22	CHORI-321	2RHet	1982129	2081200
CH321-72H23	CHORI-321	3L	22277731	22367167
CH321-72H24	CHORI-321	3R	4982786	5078585
CH321-72I04	CHORI-321	3L	2961806	3043603
CH321-72I06	CHORI-321	3R	26951667	27044565
CH321-72I10	CHORI-321	2R	8094682	8192377
CH321-72I11	CHORI-321	3L	2646255	2754271
CH321-72I13	CHORI-321	2R	5052403	5143478
CH321-72I14	CHORI-321	2R	5200278	5266828
CH321-72I15	CHORI-321	2L	4344956	4436138
CH321-72I20	CHORI-321	3R	1457290	1549409
CH321-72I23	CHORI-321	2R	2381457	2463744

CH321-72J01	CHORI-321	3R	13988835	14080092
CH321-72J07	CHORI-321	2R	12847489	12942912
CH321-72J11	CHORI-321	X	592690	686551
CH321-72J20	CHORI-321	2L	2387661	2471456
CH321-72K02	CHORI-321	2L	4885958	4931958
CH321-72K03	CHORI-321	X	1892853	1987431
CH321-72K06	CHORI-321	3L	18505082	18604067
CH321-72K07	CHORI-321	3R	6719498	6763563
CH321-72K10	CHORI-321	3R	18443673	18531633
CH321-72K12	CHORI-321	2R	891004	969470
CH321-72K15	CHORI-321	3L	13610004	13696648
CH321-72K18	CHORI-321	2L	16347909	16449521
CH321-72K21	CHORI-321	3L	12179736	12264042
CH321-72K23	CHORI-321	3R	17466986	17544984
CH321-72K24	CHORI-321	3R	12069080	12151780
CH321-72L05	CHORI-321	2R	4182359	4276126
CH321-72L08	CHORI-321	X	2147358	2250464
CH321-72L11	CHORI-321	3L	6976814	7072669
CH321-72L12	CHORI-321	3L	19904780	19996342
CH321-72L14	CHORI-321	3L	23347467	23440138
CH321-72L20	CHORI-321	3L	7449459	7534923
CH321-72M02	CHORI-321	3L	21982344	22072366
CH321-72M09	CHORI-321	2R	12415127	12510969
CH321-72M11	CHORI-321	X	4557614	4636818
CH321-72M13	CHORI-321	3L	10348627	10419065
CH321-72M15	CHORI-321	3L	23387075	23484188
CH321-72M16	CHORI-321	2L	2982614	3026025
CH321-72M18	CHORI-321	2R	19277967	19370654
CH321-72M24	CHORI-321	X	14314417	14380814
CH321-72N01	CHORI-321	X	20396284	20487821
CH321-72N02	CHORI-321	3L	14812576	14897954
CH321-72N03	CHORI-321	3L	1973395	2065080
CH321-72N06	CHORI-321	3L	16606813	16709857
CH321-72N08	CHORI-321	X	4629658	4704596
CH321-72N13	CHORI-321	2R	4349488	4443471
CH321-72N15	CHORI-321	2R	21475	94015
CH321-72N16	CHORI-321	3L	12618472	12700787
CH321-72N18	CHORI-321	2R	6435738	6527707
CH321-72N23	CHORI-321	3R	10234989	10331113
CH321-72O01	CHORI-321	2R	9043549	9113989
CH321-72O03	CHORI-321	3L	6529782	6587164
CH321-72O09	CHORI-321	3R	13607625	13701939
CH321-72O14	CHORI-321	3R	2080104	2157163
CH321-72O15	CHORI-321	3L	4885394	4981374
CH321-72O16	CHORI-321	2L	2560545	2650090
CH321-72O17	CHORI-321	3L	16103766	16197144
CH321-72O18	CHORI-321	2L	8865235	8962087
CH321-72O19	CHORI-321	3R	18352753	18436763
CH321-72O21	CHORI-321	3L	22940812	23024191
CH321-72O22	CHORI-321	X	15348147	15431369
CH321-72O23	CHORI-321	3R	17101858	17186905
CH321-72O24	CHORI-321	3R	16010956	16105978
CH321-72P01	CHORI-321	3L	9506404	9593856
CH321-72P02	CHORI-321	2R	2621892	2704420

CH321-72P03	CHORI-321	3L	16000299	16094428
CH321-72P04	CHORI-321	3R	12995001	13079785
CH321-72P06	CHORI-321	2R	13565520	13667974
CH321-72P07	CHORI-321	3R	11171699	11281541
CH321-72P10	CHORI-321	X	9027846	9128186
CH321-72P13	CHORI-321	X	9565265	9643549
CH321-72P17	CHORI-321	2L	8865235	8962087
CH321-72P18	CHORI-321	3R	15933049	16032780
CH321-72P20	CHORI-321	2R	1202802	1284499
CH321-72P21	CHORI-321	3L	17349910	17414330
CH321-72P24	CHORI-321	2R	2681973	2754420
CH321-73A01	CHORI-321	3L	15348146	15424970
CH321-73A02	CHORI-321	3R	20771114	20829723
CH321-73A03	CHORI-321	X	5584067	5678015
CH321-73A04	CHORI-321	X	5382023	5461208
CH321-73A05	CHORI-321	3R	11780573	11832996
CH321-73A07	CHORI-321	3L	9421408	9505181
CH321-73A10	CHORI-321	3L	20679739	20780085
CH321-73A14	CHORI-321	3L	590754	691992
CH321-73A15	CHORI-321	3R	14584052	14680442
CH321-73A16	CHORI-321	2R	648794	744672
CH321-73A17	CHORI-321	3L	8192218	8293630
CH321-73A18	CHORI-321	2L	9815393	9904638
CH321-73A19	CHORI-321	3R	12929640	13022467
CH321-73A22	CHORI-321	3R	13290461	13370679
CH321-73A23	CHORI-321	2L	6100145	6208428
CH321-73B01	CHORI-321	3L	15598459	15676055
CH321-73B02	CHORI-321	X	17437981	17528878
CH321-73B04	CHORI-321	2L	3474328	3555791
CH321-73B07	CHORI-321	3R	13702948	13792692
CH321-73B10	CHORI-321	X	12234672	12326149
CH321-73B12	CHORI-321	2R	1046832	1128755
CH321-73B14	CHORI-321	3L	3724647	3817903
CH321-73B16	CHORI-321	3R	7384351	7471875
CH321-73B18	CHORI-321	3L	14904820	14978788
CH321-73B19	CHORI-321	2R	7275529	7360202
CH321-73B20	CHORI-321	3R	19611208	19717999
CH321-73B21	CHORI-321	4	248401	335367
CH321-73B22	CHORI-321	3R	14179749	14264616
CH321-73B23	CHORI-321	3L	24195918	24276331
CH321-73B24	CHORI-321	2R	4213953	4312945
CH321-73C01	CHORI-321	2R	17862955	17968957
CH321-73C03	CHORI-321	X	17026632	17076875
CH321-73C04	CHORI-321	2RHet	3150768	3197076
CH321-73C06	CHORI-321	3L	12044286	12134001
CH321-73C10	CHORI-321	2L	8779595	8866758
CH321-73C11	CHORI-321	2L	11041676	11142543
CH321-73C12	CHORI-321	2R	7804150	7890108
CH321-73C20	CHORI-321	X	18879516	18956682
CH321-73C21	CHORI-321	3R	17471263	17564888
CH321-73C22	CHORI-321	3R	10723096	10802486
CH321-73C23	CHORI-321	X	6769419	6846674
CH321-73D02	CHORI-321	X	11072809	11144414
CH321-73D03	CHORI-321	3L	12496738	12593694

CH321-73D04	CHORI-321	2R	6604485	6692653
CH321-73D17	CHORI-321	3R	21263018	21333212
CH321-73D24	CHORI-321	3L	11249327	11336379
CH321-73E01	CHORI-321	4	981611	1058869
CH321-73E02	CHORI-321	2R	12210131	12319643
CH321-73E03	CHORI-321	2L	8063188	8138996
CH321-73E04	CHORI-321	3R	8721044	8813701
CH321-73E12	CHORI-321	X	20438968	20531665
CH321-73E18	CHORI-321	2L	18022063	18100674
CH321-73E21	CHORI-321	2L	9821208	9908845
CH321-73E22	CHORI-321	X	414284	500785
CH321-73E23	CHORI-321	3R	3746022	3857021
CH321-73F02	CHORI-321	2L	10914703	11008233
CH321-73F03	CHORI-321	3L	23236519	23327490
CH321-73F04	CHORI-321	3R	480093	560932
CH321-73F05	CHORI-321	3R	23914731	23996726
CH321-73F07	CHORI-321	2L	5776739	5872765
CH321-73F08	CHORI-321	2L	9073867	9161028
CH321-73F09	CHORI-321	2L	12713475	12799025
CH321-73F10	CHORI-321	3R	8353525	8459866
CH321-73F13	CHORI-321	3L	4996807	5102975
CH321-73F18	CHORI-321	2L	8546056	8632314
CH321-73F20	CHORI-321	2R	3921139	4003981
CH321-73F23	CHORI-321	2L	2652454	2737998
CH321-73F24	CHORI-321	3R	16326088	16413006
CH321-73G01	CHORI-321	2L	3466716	3549296
CH321-73G02	CHORI-321	3L	11098011	11176652
CH321-73G04	CHORI-321	X	4674733	4754984
CH321-73G06	CHORI-321	2R	6785489	6895576
CH321-73G09	CHORI-321	2L	2935543	3021862
CH321-73G10	CHORI-321	X	16664778	16763918
CH321-73G20	CHORI-321	2R	9126532	9224427
CH321-73G22	CHORI-321	X	7984675	8070868
CH321-73H01	CHORI-321	X	19121965	19206402
CH321-73H05	CHORI-321	3RHet	1447967	1532218
CH321-73H07	CHORI-321	3L	18512873	18600445
CH321-73H08	CHORI-321	2L	17975064	18079272
CH321-73H12	CHORI-321	X	4116679	4209253
CH321-73H14	CHORI-321	2L	589715	668062
CH321-73H18	CHORI-321	3R	17745910	17842824
CH321-73H23	CHORI-321	2R	11565169	11651696
CH321-73I01	CHORI-321	3L	14481480	14570063
CH321-73I06	CHORI-321	2L	2847952	2934477
CH321-73I09	CHORI-321	2L	11837805	11921553
CH321-73I10	CHORI-321	3L	5146680	5225891
CH321-73I15	CHORI-321	2L	4339612	4441878
CH321-73I17	CHORI-321	3R	22674644	22776904
CH321-73I18	CHORI-321	3L	14951692	15048637
CH321-73I22	CHORI-321	3R	3972164	4052011
CH321-73J01	CHORI-321	2R	9280255	9382606
CH321-73J02	CHORI-321	3L	3016243	3102061
CH321-73J17	CHORI-321	3L	16397545	16473338
CH321-73J19	CHORI-321	2R	18206307	18293557
CH321-73J22	CHORI-321	2L	6951609	7047228

CH321-73K01	CHORI-321	2L	3254741	3304180
CH321-73K02	CHORI-321	2R	11743251	11828562
CH321-73K06	CHORI-321	X	9667644	9762225
CH321-73K08	CHORI-321	3L	6507438	6592295
CH321-73K10	CHORI-321	2L	22653974	22752660
CH321-73K20	CHORI-321	3L	10604550	10686496
CH321-73L01	CHORI-321	2L	5798152	5894475
CH321-73L03	CHORI-321	2R	19670921	19758649
CH321-73L09	CHORI-321	X	20560109	20650688
CH321-73L10	CHORI-321	3R	8615152	8716628
CH321-73L17	CHORI-321	3R	26123684	26211627
CH321-73L22	CHORI-321	3R	5010775	5104949
CH321-73M02	CHORI-321	X	7258961	7357327
CH321-73M10	CHORI-321	2L	3550932	3638601
CH321-73M13	CHORI-321	3R	14130245	14214899
CH321-73M14	CHORI-321	3L	6434528	6523046
CH321-73M15	CHORI-321	X	4892979	4972473
CH321-73M16	CHORI-321	2R	15281992	15361653
CH321-73M19	CHORI-321	3R	20360800	20452451
CH321-73M22	CHORI-321	2L	22037626	22108242
CH321-73M23	CHORI-321	2L	7139885	7224903
CH321-73M24	CHORI-321	X	17178124	17260369
CH321-73N09	CHORI-321	3R	15342149	15434741
CH321-73N13	CHORI-321	2L	1672515	1755313
CH321-73N15	CHORI-321	2L	7048732	7127002
CH321-73N20	CHORI-321	3L	15342945	15433666
CH321-73N24	CHORI-321	2L	19622859	19728659
CH321-73O01	CHORI-321	3L	17313602	17365418
CH321-73O02	CHORI-321	2R	7598823	7686137
CH321-73O03	CHORI-321	2L	7334003	7427805
CH321-73O04	CHORI-321	3L	16023144	16080349
CH321-73O11	CHORI-321	X	10132806	10216512
CH321-73O12	CHORI-321	X	6553051	6645614
CH321-73O14	CHORI-321	X	20512752	20590837
CH321-73O17	CHORI-321	3R	10155067	10246829
CH321-73O19	CHORI-321	2L	1718706	1823925
CH321-73O21	CHORI-321	2R	13812191	13901075
CH321-73O22	CHORI-321	3L	11219630	11301179
CH321-73O23	CHORI-321	3L	18138215	18234294
CH321-73P02	CHORI-321	3R	20339806	20405507
CH321-73P03	CHORI-321	3L	10257990	10356601
CH321-73P04	CHORI-321	X	17178124	17260338
CH321-73P05	CHORI-321	2L	22808467	22880121
CH321-73P06	CHORI-321	3L	5950978	6054506
CH321-73P07	CHORI-321	3L	15579505	15675126
CH321-73P09	CHORI-321	2L	11183407	11271079
CH321-73P10	CHORI-321	3R	4389005	4481901
CH321-73P12	CHORI-321	3R	12993514	13078536
CH321-73P13	CHORI-321	3R	2391949	2483896
CH321-73P14	CHORI-321	2R	10369091	10459181
CH321-73P16	CHORI-321	2L	16047746	16126995
CH321-73P17	CHORI-321	3R	24753297	24845233
CH321-73P19	CHORI-321	X	5855043	5940888
CH321-73P20	CHORI-321	3L	11829388	11906389

CH321-73P21	CHORI-321	2L	17729722	17807025
CH321-73P22	CHORI-321	2L	7815133	7922221
CH321-73P23	CHORI-321	2R	2488385	2554104
CH321-74A04	CHORI-321	X	14623166	14729318
CH321-74A05	CHORI-321	3RHet	1488556	1583150
CH321-74A06	CHORI-321	2R	10779204	10885141
CH321-74A07	CHORI-321	2L	14495026	14582205
CH321-74A08	CHORI-321	X	7120768	7204525
CH321-74A09	CHORI-321	4	862470	961442
CH321-74A10	CHORI-321	3L	20709949	20793092
CH321-74A11	CHORI-321	3L	12118847	12222197
CH321-74A15	CHORI-321	3L	18936167	19026410
CH321-74A16	CHORI-321	2R	1141754	1225869
CH321-74A17	CHORI-321	3L	7450976	7545068
CH321-74A18	CHORI-321	3L	18512902	18605720
CH321-74A19	CHORI-321	2L	18874327	18972202
CH321-74A21	CHORI-321	2R	18491763	18598878
CH321-74A22	CHORI-321	3L	16617773	16708552
CH321-74A23	CHORI-321	2R	8355746	8431950
CH321-74A24	CHORI-321	3L	6766136	6849763
CH321-74B01	CHORI-321	2R	13963683	14035301
CH321-74B03	CHORI-321	2L	11567968	11656228
CH321-74B04	CHORI-321	3L	13553724	13640905
CH321-74B07	CHORI-321	3L	2851021	2931769
CH321-74B09	CHORI-321	3R	3750389	3828496
CH321-74B10	CHORI-321	2R	6043017	6134048
CH321-74B12	CHORI-321	3L	18236198	18321333
CH321-74B13	CHORI-321	4	1002124	1078717
CH321-74B14	CHORI-321	2L	22020403	22115648
CH321-74B16	CHORI-321	2L	18517564	18612840
CH321-74B17	CHORI-321	2L	22094959	22182515
CH321-74B18	CHORI-321	2R	15999591	16096750
CH321-74B19	CHORI-321	3R	13731846	13815395
CH321-74B20	CHORI-321	2R	18592343	18688533
CH321-74B23	CHORI-321	3R	19531502	19602609
CH321-74C06	CHORI-321	3R	10474607	10533710
CH321-74C09	CHORI-321	2L	13280600	13364196
CH321-74C12	CHORI-321	3R	7063627	7158910
CH321-74C14	CHORI-321	3L	20533263	20615178
CH321-74C15	CHORI-321	3R	24814935	24911354
CH321-74C18	CHORI-321	2L	16937192	17036178
CH321-74C19	CHORI-321	3R	13478515	13567708
CH321-74D01	CHORI-321	X	20751509	20802669
CH321-74D02	CHORI-321	X	19421740	19506200
CH321-74D03	CHORI-321	2L	20436682	20515715
CH321-74D06	CHORI-321	2R	8686025	8785446
CH321-74D07	CHORI-321	2L	10703270	10821428
CH321-74D08	CHORI-321	X	5321865	5402884
CH321-74D12	CHORI-321	3R	14045579	14095099
CH321-74D15	CHORI-321	2L	16406465	16482704
CH321-74D16	CHORI-321	2L	18300890	18388713
CH321-74D17	CHORI-321	2L	15507108	15609019
CH321-74D19	CHORI-321	3R	104954	195058
CH321-74D21	CHORI-321	3R	6741840	6819098

CH321-74D23	CHORI-321	2L	15986662	16074484
CH321-74E02	CHORI-321	3L	21574184	21661795
CH321-74E03	CHORI-321	2L	7281729	7388179
CH321-74E04	CHORI-321	2L	9161329	9243445
CH321-74E05	CHORI-321	3L	3488899	3563769
CH321-74E06	CHORI-321	3LHet	154983	233363
CH321-74E10	CHORI-321	2L	17254779	17350297
CH321-74E12	CHORI-321	2R	20254632	20342392
CH321-74E13	CHORI-321	3L	14543362	14589954
CH321-74E16	CHORI-321	X	4182727	4278623
CH321-74F01	CHORI-321	2R	17607089	17691822
CH321-74F04	CHORI-321	X	11565555	11657465
CH321-74F10	CHORI-321	2R	5666530	5721538
CH321-74F16	CHORI-321	2R	6742944	6821837
CH321-74F18	CHORI-321	2R	11549517	11598495
CH321-74F19	CHORI-321	X	5211645	5321905
CH321-74F20	CHORI-321	2R	1146591	1237148
CH321-74G02	CHORI-321	2L	21178273	21277562
CH321-74G03	CHORI-321	3R	14457615	14538479
CH321-74G07	CHORI-321	2R	6436883	6517420
CH321-74G08	CHORI-321	3R	24961149	25045287
CH321-74G09	CHORI-321	2L	1815751	1915563
CH321-74G10	CHORI-321	3L	15831813	15918778
CH321-74G11	CHORI-321	3R	1818197	1909224
CH321-74G14	CHORI-321	2L	12195368	12280975
CH321-74G19	CHORI-321	3L	15647554	15737418
CH321-74G21	CHORI-321	2L	18880236	18954393
CH321-74G22	CHORI-321	3R	11125616	11175956
CH321-74G23	CHORI-321	3L	14140800	14226828
CH321-74H03	CHORI-321	2L	1115184	1222135
CH321-74H05	CHORI-321	X	12977072	13073420
CH321-74H09	CHORI-321	3L	23733324	23774192
CH321-74H13	CHORI-321	2L	3189444	3267596
CH321-74H14	CHORI-321	3R	17157552	17242324
CH321-74H15	CHORI-321	3L	17065719	17182021
CH321-74H22	CHORI-321	X	6886298	6980790
CH321-74H23	CHORI-321	2R	10671003	10777245
CH321-74I01	CHORI-321	3RHet	598151	681180
CH321-74I03	CHORI-321	2R	8029136	8110448
CH321-74I05	CHORI-321	3L	5005394	5085619
CH321-74I07	CHORI-321	3L	7762805	7846757
CH321-74I08	CHORI-321	2L	14208047	14293786
CH321-74I10	CHORI-321	2L	9808607	9896164
CH321-74I15	CHORI-321	X	8064612	8162015
CH321-74I16	CHORI-321	3L	2137668	2231585
CH321-74I17	CHORI-321	3R	2967067	3063526
CH321-74I21	CHORI-321	3R	5068894	5163190
CH321-74J01	CHORI-321	2L	4091129	4180883
CH321-74J06	CHORI-321	2L	5605074	5710887
CH321-74J10	CHORI-321	3R	2319925	2402433
CH321-74J11	CHORI-321	2R	5116487	5199319
CH321-74J14	CHORI-321	3R	10221746	10302842
CH321-74J15	CHORI-321	2L	13402770	13483564
CH321-74J18	CHORI-321	2R	5492808	5576120

CH321-74J19	CHORI-321	2L	14184171	14279226
CH321-74J21	CHORI-321	3L	2740096	2821813
CH321-74J22	CHORI-321	2L	22557653	22651758
CH321-74K04	CHORI-321	2L	7721189	7824476
CH321-74K12	CHORI-321	3R	14392391	14474928
CH321-74K13	CHORI-321	3R	16076546	16133511
CH321-74K16	CHORI-321	3R	25697560	25786597
CH321-74K19	CHORI-321	2L	211967	315825
CH321-74K20	CHORI-321	3L	18390061	18481284
CH321-74K24	CHORI-321	X	20759966	20844118
CH321-74L01	CHORI-321	X	10118407	10220678
CH321-74L02	CHORI-321	2L	16028623	16134785
CH321-74L03	CHORI-321	X	20409762	20506814
CH321-74L04	CHORI-321	2L	11520692	11610225
CH321-74L08	CHORI-321	2L	5813305	5902293
CH321-74L09	CHORI-321	3R	25759787	25851156
CH321-74L10	CHORI-321	2R	12842528	12938601
CH321-74L12	CHORI-321	3R	20881132	20968016
CH321-74L13	CHORI-321	3L	6801969	6880396
CH321-74L14	CHORI-321	3L	5418373	5486984
CH321-74L18	CHORI-321	X	16098109	16192337
CH321-74L22	CHORI-321	3L	19613594	19717779
CH321-74M04	CHORI-321	2R	16182718	16282902
CH321-74M09	CHORI-321	3L	21644590	21742527
CH321-74M11	CHORI-321	2R	14932778	15014896
CH321-74M12	CHORI-321	3L	18144141	18221914
CH321-74M13	CHORI-321	3L	16517026	16559392
CH321-74M14	CHORI-321	3R	17571059	17669976
CH321-74M17	CHORI-321	2L	2572741	2672717
CH321-74M18	CHORI-321	3R	10331765	10429969
CH321-74M20	CHORI-321	2L	19560792	19622475
CH321-74M21	CHORI-321	2L	6021903	6131563
CH321-74M22	CHORI-321	3R	22845923	22902039
CH321-74M24	CHORI-321	3L	9214608	9307938
CH321-74N02	CHORI-321	2L	15740040	15824489
CH321-74N03	CHORI-321	3R	23441081	23534017
CH321-74N06	CHORI-321	2R	6784890	6865884
CH321-74N09	CHORI-321	3R	1063469	1153996
CH321-74N12	CHORI-321	X	2607579	2708089
CH321-74N13	CHORI-321	X	21838159	21930689
CH321-74N14	CHORI-321	2L	6194375	6288365
CH321-74N16	CHORI-321	2R	9549289	9646311
CH321-74N17	CHORI-321	3L	8831747	8927568
CH321-74N19	CHORI-321	3L	13969985	14075003
CH321-74N20	CHORI-321	3R	19533582	19627780
CH321-74N21	CHORI-321	X	17259907	17355766
CH321-74N24	CHORI-321	2R	7027784	7128901
CH321-74O03	CHORI-321	3L	7487983	7572055
CH321-74O06	CHORI-321	3L	15339295	15425257
CH321-74O14	CHORI-321	3L	4885831	4981374
CH321-74O17	CHORI-321	2R	19964000	20059967
CH321-74O18	CHORI-321	X	12353701	12448999
CH321-74O20	CHORI-321	X	6895952	6997770
CH321-74P02	CHORI-321	2L	21546658	21621284

CH321-74P03	CHORI-321	3LHet	1050509	1155313
CH321-74P05	CHORI-321	2R	20578677	20665842
CH321-74P06	CHORI-321	3R	17991069	18087004
CH321-74P07	CHORI-321	X	6715408	6808437
CH321-74P09	CHORI-321	3L	368391	453866
CH321-74P11	CHORI-321	3L	9450919	9542244
CH321-74P12	CHORI-321	X	19859968	19965916
CH321-74P13	CHORI-321	3L	5534160	5620034
CH321-74P14	CHORI-321	X	12783947	12867611
CH321-74P15	CHORI-321	3L	22822458	22913049
CH321-74P18	CHORI-321	3R	9011382	9105238
CH321-74P19	CHORI-321	X	6943461	7035549
CH321-74P21	CHORI-321	2R	388613	492127
CH321-74P22	CHORI-321	2R	13904595	13990272
CH321-74P23	CHORI-321	XHet	45803	147046
CH321-74P24	CHORI-321	3R	11566980	11652365
CH321-75A06	CHORI-321	3L	5760316	5828519
CH321-75A08	CHORI-321	2L	19417809	19500196
CH321-75A11	CHORI-321	2L	20545068	20630236
CH321-75A12	CHORI-321	X	9978538	10063268
CH321-75A16	CHORI-321	3RHet	1824733	1891676
CH321-75A17	CHORI-321	2R	1522761	1607494
CH321-75A18	CHORI-321	X	4018673	4110018
CH321-75A19	CHORI-321	2R	7042984	7134814
CH321-75A20	CHORI-321	3R	18754079	18850353
CH321-75A21	CHORI-321	2L	14885012	14990424
CH321-75A23	CHORI-321	X	20788544	20882791
CH321-75B07	CHORI-321	3R	24606241	24692968
CH321-75B08	CHORI-321	3L	17225599	17312729
CH321-75B09	CHORI-321	2L	13328084	13438187
CH321-75B10	CHORI-321	2R	16063757	16149440
CH321-75B11	CHORI-321	3L	3722890	3809642
CH321-75B12	CHORI-321	2L	7498927	7600894
CH321-75B13	CHORI-321	2RHet	2830060	2894188
CH321-75B15	CHORI-321	3R	27291138	27390502
CH321-75B16	CHORI-321	3R	25230326	25315560
CH321-75B18	CHORI-321	3L	9900586	10003739
CH321-75B20	CHORI-321	3R	20150923	20228201
CH321-75B22	CHORI-321	2R	6694451	6784998
CH321-75B23	CHORI-321	2L	343517	445801
CH321-75B24	CHORI-321	3L	4208062	4294520
CH321-75C02	CHORI-321	3L	12007169	12094437
CH321-75C03	CHORI-321	X	3260847	3345892
CH321-75C04	CHORI-321	3R	4104772	4216120
CH321-75C06	CHORI-321	3R	21291262	21375096
CH321-75C09	CHORI-321	3L	298399	395204
CH321-75C11	CHORI-321	2R	7675340	7756360
CH321-75C12	CHORI-321	2L	19532138	19625802
CH321-75C13	CHORI-321	2L	3836163	3912998
CH321-75C18	CHORI-321	2R	16511142	16608920
CH321-75C21	CHORI-321	2L	18428959	18513121
CH321-75C24	CHORI-321	X	21933290	22031072
CH321-75D02	CHORI-321	X	8228819	8322102
CH321-75D03	CHORI-321	2L	3169730	3253163

CH321-75D04	CHORI-321	3L	11330969	11427894
CH321-75D05	CHORI-321	3R	9763258	9856232
CH321-75D06	CHORI-321	3R	11234844	11329853
CH321-75D08	CHORI-321	2R	20087465	20166102
CH321-75D09	CHORI-321	3R	3776227	3845726
CH321-75D11	CHORI-321	2R	19273704	19357485
CH321-75D12	CHORI-321	3L	14434902	14523374
CH321-75D14	CHORI-321	3L	9301401	9382092
CH321-75D15	CHORI-321	3L	15344879	15445258
CH321-75D19	CHORI-321	2L	4047289	4121833
CH321-75D24	CHORI-321	2L	11870858	11950211
CH321-75E01	CHORI-321	3R	24323872	24426575
CH321-75E02	CHORI-321	2L	3931332	4020876
CH321-75E04	CHORI-321	3R	19478491	19579983
CH321-75E05	CHORI-321	3L	12917191	13014558
CH321-75E07	CHORI-321	3L	19056241	19152439
CH321-75E11	CHORI-321	2R	17573061	17656892
CH321-75E13	CHORI-321	3R	189246	287046
CH321-75E18	CHORI-321	3R	18314431	18363484
CH321-75E20	CHORI-321	X	13625879	13717113
CH321-75E21	CHORI-321	2L	981697	1078082
CH321-75E24	CHORI-321	3R	24217042	24303359
CH321-75F01	CHORI-321	3R	8070837	8168013
CH321-75F02	CHORI-321	3L	9053530	9133057
CH321-75F04	CHORI-321	2L	4278160	4363148
CH321-75F06	CHORI-321	3L	13162098	13244489
CH321-75F07	CHORI-321	3L	9849450	9948856
CH321-75F17	CHORI-321	3R	15055755	15153595
CH321-75F20	CHORI-321	3R	11736944	11819378
CH321-75F23	CHORI-321	4	294575	395675
CH321-75G01	CHORI-321	3L	9181045	9227582
CH321-75G02	CHORI-321	3R	6222672	6332711
CH321-75G03	CHORI-321	X	5904475	6011201
CH321-75G06	CHORI-321	2L	9257338	9331300
CH321-75G09	CHORI-321	3R	26970567	27059359
CH321-75G10	CHORI-321	2L	18513392	18604746
CH321-75G11	CHORI-321	3L	4730576	4818502
CH321-75G19	CHORI-321	3L	2258201	2361124
CH321-75G22	CHORI-321	2R	6417404	6500832
CH321-75H05	CHORI-321	3R	752715	796984
CH321-75H08	CHORI-321	2L	19327270	19428108
CH321-75H10	CHORI-321	2R	13495918	13573619
CH321-75H12	CHORI-321	3R	14217615	14318014
CH321-75H13	CHORI-321	X	11830112	11925130
CH321-75H15	CHORI-321	3R	21953652	22058968
CH321-75H19	CHORI-321	3R	4918367	5017784
CH321-75H22	CHORI-321	3L	22634306	22722119
CH321-75I01	CHORI-321	2L	14835867	14923778
CH321-75I02	CHORI-321	2L	20021504	20108569
CH321-75I03	CHORI-321	X	15075247	15157856
CH321-75I07	CHORI-321	3R	2619403	2705359
CH321-75I08	CHORI-321	3R	26984004	27031766
CH321-75I10	CHORI-321	3R	17902706	17991072
CH321-75I12	CHORI-321	3R	4583215	4664917

CH321-75I16	CHORI-321	3L	23491272	23576903
CH321-75I22	CHORI-321	ArmU	101371	205088
CH321-75I23	CHORI-321	3R	7954592	8035439
CH321-75J01	CHORI-321	2L	15155514	15195572
CH321-75J11	CHORI-321	X	15111423	15202995
CH321-75J12	CHORI-321	2R	10060233	10144145
CH321-75J17	CHORI-321	2R	14892494	14982302
CH321-75J18	CHORI-321	2L	8863950	8949616
CH321-75J21	CHORI-321	3R	8944321	9035408
CH321-75J22	CHORI-321	3R	10923984	11005771
CH321-75K01	CHORI-321	3L	20806546	20893629
CH321-75K04	CHORI-321	3L	19854435	19946251
CH321-75K08	CHORI-321	2L	9337296	9425438
CH321-75K13	CHORI-321	X	7002447	7088386
CH321-75K15	CHORI-321	3L	10705007	10788352
CH321-75K19	CHORI-321	2L	10535607	10630984
CH321-75K21	CHORI-321	2R	16961115	17056700
CH321-75K23	CHORI-321	X	5210138	5290137
CH321-75L01	CHORI-321	3R	4885115	4984931
CH321-75L03	CHORI-321	2R	7025528	7106094
CH321-75L04	CHORI-321	X	18816352	18906764
CH321-75L08	CHORI-321	2L	457672	543342
CH321-75L09	CHORI-321	3R	16225891	16334954
CH321-75L11	CHORI-321	2L	12211400	12305558
CH321-75L15	CHORI-321	3L	20091107	20184829
CH321-75L17	CHORI-321	3L	5899202	5995834
CH321-75L18	CHORI-321	3L	11997522	12049943
CH321-75L19	CHORI-321	3R	10351012	10454268
CH321-75L23	CHORI-321	3R	15494133	15579909
CH321-75M01	CHORI-321	2L	18122540	18219027
CH321-75M02	CHORI-321	3L	7758859	7849110
CH321-75M10	CHORI-321	2R	19896200	19997799
CH321-75M11	CHORI-321	2R	1631833	1728368
CH321-75M13	CHORI-321	3R	20429620	20515577
CH321-75M14	CHORI-321	3L	1955641	2035438
CH321-75M18	CHORI-321	2L	15349264	15424368
CH321-75M20	CHORI-321	3L	12266920	12346134
CH321-75M22	CHORI-321	3R	8885948	8981222
CH321-75M23	CHORI-321	2L	20478314	20573324
CH321-75M24	CHORI-321	3R	8201594	8283692
CH321-75N01	CHORI-321	3L	15091420	15195798
CH321-75N02	CHORI-321	3R	27327021	27411060
CH321-75N05	CHORI-321	2R	11142084	11192500
CH321-75N06	CHORI-321	2R	9957631	10043273
CH321-75N09	CHORI-321	3R	9776252	9870082
CH321-75N12	CHORI-321	3R	19859774	19900145
CH321-75N13	CHORI-321	3L	6527641	6627597
CH321-75N15	CHORI-321	2L	2971614	3061453
CH321-75N16	CHORI-321	3L	8831747	8929684
CH321-75N17	CHORI-321	X	8606109	8656800
CH321-75N18	CHORI-321	3R	9229377	9305705
CH321-75N19	CHORI-321	2L	4395909	4507574
CH321-75N20	CHORI-321	X	16038402	16109203
CH321-75N21	CHORI-321	3R	4109333	4206371

CH321-75N22	CHORI-321	2R	16552030	16650655
CH321-75N23	CHORI-321	2L	17037313	17125115
CH321-75N24	CHORI-321	2R	18983324	19079684
CH321-75O02	CHORI-321	X	1068276	1157627
CH321-75O04	CHORI-321	3L	13750290	13845515
CH321-75O05	CHORI-321	X	3484544	3582305
CH321-75O06	CHORI-321	2R	2070946	2159064
CH321-75O07	CHORI-321	3L	5273351	5359158
CH321-75O09	CHORI-321	2R	14798476	14892497
CH321-75O12	CHORI-321	2L	2333857	2411803
CH321-75O15	CHORI-321	3L	13735963	13836481
CH321-75O16	CHORI-321	X	7780458	7875703
CH321-75O18	CHORI-321	X	16248292	16338279
CH321-75O19	CHORI-321	3R	8552428	8637133
CH321-75P01	CHORI-321	2L	1935638	2031644
CH321-75P02	CHORI-321	2L	10422866	10518850
CH321-75P03	CHORI-321	3R	26981866	27061027
CH321-75P04	CHORI-321	3R	19256994	19340290
CH321-75P05	CHORI-321	X	8420150	8519599
CH321-75P06	CHORI-321	3L	10459136	10540742
CH321-75P07	CHORI-321	X	12783310	12870365
CH321-75P08	CHORI-321	2R	11600121	11694849
CH321-75P10	CHORI-321	X	3196247	3283208
CH321-75P13	CHORI-321	X	5439503	5520739
CH321-75P14	CHORI-321	3L	18386709	18480333
CH321-75P15	CHORI-321	3R	6836773	6940727
CH321-75P16	CHORI-321	2L	5011661	5086476
CH321-75P17	CHORI-321	2L	1614863	1705430
CH321-75P18	CHORI-321	3RHet	1504535	1550716
CH321-75P19	CHORI-321	2L	22441054	22526864
CH321-75P20	CHORI-321	2R	15355583	15445884
CH321-75P21	CHORI-321	2L	7503434	7601728
CH321-75P22	CHORI-321	3R	17707140	17801926
CH321-76A01	CHORI-321	2R	13477371	13571462
CH321-76A02	CHORI-321	2R	16192482	16285019
CH321-76A04	CHORI-321	X	17226556	17329125
CH321-76A05	CHORI-321	X	7002447	7092979
CH321-76A08	CHORI-321	2L	19354342	19439748
CH321-76A09	CHORI-321	2R	869910	956769
CH321-76A10	CHORI-321	2R	13702691	13776313
CH321-76A12	CHORI-321	2R	15342728	15449218
CH321-76A13	CHORI-321	3L	16450462	16513401
CH321-76A14	CHORI-321	3R	10249802	10333973
CH321-76A17	CHORI-321	3L	16657026	16766552
CH321-76A18	CHORI-321	X	8165424	8261236
CH321-76A21	CHORI-321	3L	15614103	15699643
CH321-76A24	CHORI-321	3R	21421310	21509566
CH321-76B02	CHORI-321	2L	6396922	6488482
CH321-76B03	CHORI-321	3R	20045541	20138058
CH321-76B05	CHORI-321	2L	3044637	3136411
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CH321-76B12	CHORI-321	3L	9360721	9431095
CH321-76B13	CHORI-321	2R	9181073	9265994
CH321-76B19	CHORI-321	X	14369367	14457640

CH321-76B21	CHORI-321	3L	21400757	21479778
CH321-76C01	CHORI-321	2L	15465035	15545266
CH321-76C03	CHORI-321	3L	18450719	18547119
CH321-76C04	CHORI-321	3L	20977474	21064829
CH321-76C05	CHORI-321	ArmU	1264624	1350414
CH321-76C06	CHORI-321	X	13317697	13413678
CH321-76C09	CHORI-321	2L	11330473	11435761
CH321-76C10	CHORI-321	X	18064148	18152488
CH321-76C11	CHORI-321	X	6044550	6124198
CH321-76C12	CHORI-321	2R	20683538	20788358
CH321-76C13	CHORI-321	X	5271438	5354974
CH321-76C16	CHORI-321	3R	26883235	26964739
CH321-76C17	CHORI-321	3L	4552263	4629716
CH321-76C18	CHORI-321	2R	18134712	18212794
CH321-76C19	CHORI-321	2L	10741877	10839990
CH321-76C23	CHORI-321	3R	13317866	13406023
CH321-76C24	CHORI-321	3R	2614522	2705244
CH321-76D02	CHORI-321	3L	12282550	12372392
CH321-76D03	CHORI-321	3L	16888284	16960523
CH321-76D05	CHORI-321	2L	19835516	19929617
CH321-76D06	CHORI-321	2L	14464863	14563225
CH321-76D07	CHORI-321	X	2764720	2847517
CH321-76D11	CHORI-321	2R	9459219	9561513
CH321-76D12	CHORI-321	3L	13155552	13242013
CH321-76D13	CHORI-321	X	16291857	16386164
CH321-76D14	CHORI-321	3L	14668027	14757111
CH321-76D18	CHORI-321	X	13577671	13674293
CH321-76D19	CHORI-321	2L	12927427	13024480
CH321-76D22	CHORI-321	X	18780930	18868408
CH321-76D24	CHORI-321	2L	18078431	18158312
CH321-76E02	CHORI-321	2R	14792132	14894500
CH321-76E03	CHORI-321	2R	20047305	20140585
CH321-76E06	CHORI-321	2L	10778060	10821617
CH321-76E09	CHORI-321	X	5099430	5197901
CH321-76E11	CHORI-321	X	16880350	16969671
CH321-76E15	CHORI-321	2R	16976070	17060774
CH321-76E21	CHORI-321	2R	8861744	8961944
CH321-76E22	CHORI-321	3L	6183046	6262986
CH321-76E23	CHORI-321	2R	12509519	12591498
CH321-76E24	CHORI-321	2L	2379023	2470522
CH321-76F02	CHORI-321	3L	6782025	6885633
CH321-76F03	CHORI-321	3L	6757852	6834126
CH321-76F05	CHORI-321	3L	12738511	12842378
CH321-76F06	CHORI-321	3R	4245858	4349168
CH321-76F07	CHORI-321	X	14695447	14782306
CH321-76F12	CHORI-321	3R	12615554	12720937
CH321-76F14	CHORI-321	2R	17090939	17184774
CH321-76F16	CHORI-321	3R	5089630	5189980
CH321-76F18	CHORI-321	2L	10606463	10697537
CH321-76F20	CHORI-321	X	12759052	12851244
CH321-76F24	CHORI-321	2R	17425378	17509498
CH321-76G02	CHORI-321	3L	14908007	15002027
CH321-76G03	CHORI-321	2R	17273017	17355348
CH321-76G04	CHORI-321	2L	1337420	1441335

CH321-76G05	CHORI-321	3R	16635865	16713932
CH321-76G06	CHORI-321	3L	15728148	15816173
CH321-76G07	CHORI-321	X	1773169	1863936
CH321-76G11	CHORI-321	X	11724042	11825788
CH321-76G12	CHORI-321	2L	9172188	9265611
CH321-76G16	CHORI-321	2R	16393004	16488621
CH321-76G19	CHORI-321	3R	25682661	25777183
CH321-76G21	CHORI-321	3R	12326651	12442416
CH321-76H01	CHORI-321	3L	15477370	15575717
CH321-76H05	CHORI-321	3R	20473880	20578821
CH321-76H06	CHORI-321	3L	22259397	22341327
CH321-76H10	CHORI-321	2L	15285885	15393420
CH321-76H11	CHORI-321	2L	18874537	18961722
CH321-76H14	CHORI-321	2L	13599941	13673782
CH321-76H18	CHORI-321	X	21055139	21151304
CH321-76H19	CHORI-321	X	16087486	16183414
CH321-76H21	CHORI-321	3L	15542139	15623668
CH321-76H22	CHORI-321	2L	14451646	14543306
CH321-76I03	CHORI-321	3L	4694544	4783072
CH321-76I04	CHORI-321	3R	1897432	1983356
CH321-76I06	CHORI-321	3R	13628673	13707597
CH321-76I07	CHORI-321	2L	5759076	5837768
CH321-76I08	CHORI-321	3R	10643248	10734161
CH321-76I10	CHORI-321	2R	17865117	17952538
CH321-76I15	CHORI-321	2R	712142	799271
CH321-76I16	CHORI-321	3R	6534017	6627212
CH321-76I17	CHORI-321	2L	17015258	17105660
CH321-76I20	CHORI-321	3L	9630743	9730369
CH321-76I21	CHORI-321	X	14840503	14930914
CH321-76I22	CHORI-321	2L	21060557	21145554
CH321-76I23	CHORI-321	2R	6240759	6338741
CH321-76J01	CHORI-321	3L	16223587	16304543
CH321-76J02	CHORI-321	3L	23345406	23440979
CH321-76J08	CHORI-321	X	3520899	3612030
CH321-76J11	CHORI-321	3R	6405124	6486082
CH321-76J12	CHORI-321	2R	15683281	15765863
CH321-76J14	CHORI-321	3L	2264274	2342455
CH321-76J15	CHORI-321	3L	6999234	7091051
CH321-76J21	CHORI-321	3R	18754108	18871607
CH321-76J22	CHORI-321	3R	27353893	27446363
CH321-76J23	CHORI-321	3R	9159816	9248161
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CH321-76K05	CHORI-321	3R	18586178	18684460
CH321-76K07	CHORI-321	3L	18212945	18310647
CH321-76K08	CHORI-321	3R	25145833	25247764
CH321-76K11	CHORI-321	X	3562423	3653697
CH321-76K12	CHORI-321	3LHet	1132690	1220923
CH321-76K13	CHORI-321	X	20864977	20958438
CH321-76K22	CHORI-321	X	12812262	12896989
CH321-76L02	CHORI-321	3L	20255543	20338338
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CH321-76L05	CHORI-321	3L	21380007	21462121
CH321-76L15	CHORI-321	3R	10406408	10496003
CH321-76L17	CHORI-321	3R	18291204	18394302

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CH321-76L20	CHORI-321	3L	17652891	17746012
CH321-76L21	CHORI-321	3R	14200011	14300595
CH321-76L22	CHORI-321	3R	21637337	21724628
CH321-76L23	CHORI-321	3L	6462561	6542786
CH321-76L24	CHORI-321	3L	561135	642265
CH321-76M15	CHORI-321	3R	10137430	10228667
CH321-76M22	CHORI-321	X	14052299	14138387
CH321-76M24	CHORI-321	2R	15449215	15541536
CH321-76N01	CHORI-321	2L	8270983	8357482
CH321-76N18	CHORI-321	2L	13018632	13106853
CH321-76N21	CHORI-321	3L	5890516	5973869
CH321-76N23	CHORI-321	2L	923378	1001359
CH321-76O01	CHORI-321	2L	5623174	5728300
CH321-76O02	CHORI-321	2L	87734	186822
CH321-76O03	CHORI-321	3L	264527	352694
CH321-76O04	CHORI-321	2R	6898363	6995401
CH321-76O05	CHORI-321	2R	19297004	19381055
CH321-76O06	CHORI-321	2R	15606737	15687035
CH321-76O13	CHORI-321	2R	6373404	6443498
CH321-76O14	CHORI-321	2R	17258846	17333669
CH321-76O16	CHORI-321	X	2568112	2675804
CH321-76O18	CHORI-321	2R	10651552	10752402
CH321-76O20	CHORI-321	2L	15460100	15534385
CH321-76O21	CHORI-321	3L	22154078	22243623
CH321-76O22	CHORI-321	3L	10192148	10274160
CH321-76P01	CHORI-321	2R	1214480	1305473
CH321-76P02	CHORI-321	3R	13464272	13554551
CH321-76P04	CHORI-321	X	15898475	15993295
CH321-76P05	CHORI-321	2L	18973213	19076288
CH321-76P06	CHORI-321	2R	15154537	15248421
CH321-76P08	CHORI-321	3R	6332708	6424611
CH321-76P10	CHORI-321	X	8168540	8263190
CH321-76P14	CHORI-321	3L	13914295	13965488
CH321-76P20	CHORI-321	2R	20042325	20132961
CH321-76P22	CHORI-321	3R	15152973	15245978
CH321-76P24	CHORI-321	3L	5360490	5431841
CH321-77A03	CHORI-321	2R	5889763	5984849
CH321-77A08	CHORI-321	3R	1863310	1961685
CH321-77A09	CHORI-321	2L	2239871	2333241
CH321-77A11	CHORI-321	3L	7883586	7948261
CH321-77A14	CHORI-321	3L	8187442	8281734
CH321-77A16	CHORI-321	3R	8121713	8217736
CH321-77A17	CHORI-321	3L	9870453	9966856
CH321-77A19	CHORI-321	3R	14103733	14192275
CH321-77A20	CHORI-321	2L	4109145	4209645
CH321-77A23	CHORI-321	3L	17754141	17834820
CH321-77A24	CHORI-321	2L	4241016	4332901
CH321-77B01	CHORI-321	2R	4456274	4500221
CH321-77B02	CHORI-321	2L	11886723	11985176
CH321-77B04	CHORI-321	X	18631331	18719064
CH321-77B05	CHORI-321	3L	1398817	1491782
CH321-77B07	CHORI-321	3L	7814140	7894903
CH321-77B10	CHORI-321	2L	12445930	12544829

CH321-77B11	CHORI-321	2L	17955623	18025802
CH321-77B12	CHORI-321	3R	9856933	9938467
CH321-77B14	CHORI-321	X	15734371	15815031
CH321-77B15	CHORI-321	3R	22736052	22811583
CH321-77B18	CHORI-321	3L	11048141	11138573
CH321-77B19	CHORI-321	3R	11963009	12047881
CH321-77B22	CHORI-321	3L	10455028	10551630
CH321-77B23	CHORI-321	X	19206055	19311421
CH321-77C01	CHORI-321	3R	61857	135379
CH321-77C03	CHORI-321	3RHet	1898729	1954590
CH321-77C06	CHORI-321	3L	20934497	21022838
CH321-77C11	CHORI-321	3L	23048552	23146468
CH321-77C13	CHORI-321	2L	16757396	16837410
CH321-77C15	CHORI-321	2R	19731365	19818440
CH321-77C17	CHORI-321	3L	19363718	19448824
CH321-77C19	CHORI-321	3R	10785103	10873831
CH321-77C21	CHORI-321	2L	5759076	5837768
CH321-77C22	CHORI-321	X	1617512	1705561
CH321-77C24	CHORI-321	X	8537532	8633527
CH321-77D02	CHORI-321	3L	19925257	20014620
CH321-77D05	CHORI-321	3R	13797719	13883550
CH321-77D06	CHORI-321	2R	11747398	11837294
CH321-77D09	CHORI-321	3R	3011029	3104980
CH321-77D11	CHORI-321	2R	7237016	7320720
CH321-77D12	CHORI-321	2L	11439361	11515113
CH321-77D14	CHORI-321	X	12667461	12764495
CH321-77D16	CHORI-321	X	13427494	13507188
CH321-77D19	CHORI-321	2L	2655157	2744387
CH321-77D20	CHORI-321	3L	10245768	10331788
CH321-77D21	CHORI-321	3R	18026594	18110602
CH321-77D22	CHORI-321	2L	10991919	11074812
CH321-77D23	CHORI-321	3L	22072923	22182625
CH321-77D24	CHORI-321	2L	4259050	4342368
CH321-77E01	CHORI-321	X	14830471	14927542
CH321-77E02	CHORI-321	3R	11932402	12021810
CH321-77E04	CHORI-321	2L	1516480	1613197
CH321-77E06	CHORI-321	3R	12041562	12127343
CH321-77E07	CHORI-321	2L	16528484	16618356
CH321-77E12	CHORI-321	2L	7721189	7824077
CH321-77E14	CHORI-321	3L	16390793	16475897
CH321-77E21	CHORI-321	3R	23385079	23464007
CH321-77F01	CHORI-321	3R	11531812	11623170
CH321-77F03	CHORI-321	X	19375101	19492401
CH321-77F04	CHORI-321	X	19900001	19990339
CH321-77F05	CHORI-321	3R	3405044	3484068
CH321-77F06	CHORI-321	2L	17994906	18079001
CH321-77F14	CHORI-321	3R	5978422	6063905
CH321-77F17	CHORI-321	3L	12411524	12474136
CH321-77F21	CHORI-321	2RHet	362961	444252
CH321-77F22	CHORI-321	3L	13046722	13132660
CH321-77F23	CHORI-321	3L	22705304	22786809
CH321-77F24	CHORI-321	3L	11830979	11911362
CH321-77G02	CHORI-321	2L	19771015	19813317
CH321-77G06	CHORI-321	2R	3223987	3332403

CH321-77G08	CHORI-321	3R	7178751	7257682
CH321-77G09	CHORI-321	3R	15163424	15208945
CH321-77G11	CHORI-321	2R	4040607	4134705
CH321-77G12	CHORI-321	X	11852762	11924670
CH321-77G13	CHORI-321	3R	22731565	22832210
CH321-77G16	CHORI-321	2L	884655	978311
CH321-77G17	CHORI-321	3R	1798266	1897350
CH321-77G18	CHORI-321	X	17102561	17186895
CH321-77G19	CHORI-321	3L	3689918	3771089
CH321-77G21	CHORI-321	3R	357383	440165
CH321-77G22	CHORI-321	3L	8613811	8690596
CH321-77G24	CHORI-321	X	7479537	7571889
CH321-77H01	CHORI-321	2R	15265730	15361038
CH321-77H05	CHORI-321	2L	19271882	19359740
CH321-77H06	CHORI-321	2R	17529907	17600017
CH321-77H08	CHORI-321	3R	64876	160215
CH321-77H09	CHORI-321	X	19610425	19704184
CH321-77H11	CHORI-321	2R	12029110	12113585
CH321-77H12	CHORI-321	3R	11432529	11519655
CH321-77H13	CHORI-321	X	17264961	17351713
CH321-77H15	CHORI-321	2L	8972019	9060691
CH321-77H16	CHORI-321	3R	6804450	6891481
CH321-77H17	CHORI-321	X	11913331	12003114
CH321-77H19	CHORI-321	2R	11469684	11568269
CH321-77H20	CHORI-321	2R	20191828	20282071
CH321-77H22	CHORI-321	3L	18656815	18747506
CH321-77H24	CHORI-321	X	17862457	17964014
CH321-77I02	CHORI-321	3R	2522503	2621181
CH321-77I03	CHORI-321	2L	3461036	3551686
CH321-77I04	CHORI-321	3L	10164583	10253413
CH321-77I07	CHORI-321	3L	20020325	20099443
CH321-77I08	CHORI-321	2L	20835115	20924372
CH321-77I10	CHORI-321	3L	1163771	1254634
CH321-77I13	CHORI-321	2L	12518692	12584348
CH321-77I14	CHORI-321	3L	22760464	22848844
CH321-77I15	CHORI-321	2R	19587024	19683832
CH321-77I16	CHORI-321	2RHet	2069192	2161578
CH321-77I17	CHORI-321	2R	17839484	17921417
CH321-77J02	CHORI-321	2R	2089826	2166138
CH321-77J07	CHORI-321	3R	18446320	18551242
CH321-77J08	CHORI-321	2R	6210703	6302049
CH321-77J09	CHORI-321	3R	22084701	22182973
CH321-77J11	CHORI-321	3R	9767126	9861043
CH321-77J12	CHORI-321	X	5511508	5604566
CH321-77J13	CHORI-321	3L	16181032	16263848
CH321-77J15	CHORI-321	X	3357361	3441234
CH321-77J17	CHORI-321	3L	616922	715435
CH321-77J20	CHORI-321	X	17609821	17690117
CH321-77J21	CHORI-321	X	17609820	17690117
CH321-77J22	CHORI-321	3R	18743556	18850934
CH321-77K01	CHORI-321	3L	3732466	3832221
CH321-77K04	CHORI-321	3R	19661358	19758555
CH321-77K06	CHORI-321	3L	9720399	9814696
CH321-77K13	CHORI-321	2R	12006965	12088291

CH321-77K22	CHORI-321	2R	5295472	5385977
CH321-77K23	CHORI-321	3L	7487983	7572040
CH321-77L01	CHORI-321	3R	18604379	18680301
CH321-77L04	CHORI-321	2R	10283333	10387656
CH321-77L05	CHORI-321	2R	13519232	13602622
CH321-77L06	CHORI-321	3R	23793802	23879338
CH321-77L09	CHORI-321	2R	3613762	3698471
CH321-77L12	CHORI-321	2R	7586942	7685162
CH321-77L14	CHORI-321	3L	18309984	18413418
CH321-77L15	CHORI-321	X	17847193	17941078
CH321-77L17	CHORI-321	3R	21382370	21460475
CH321-77L19	CHORI-321	3R	24434420	24541454
CH321-77L22	CHORI-321	2RHet	30280	137950
CH321-77L24	CHORI-321	2R	1822277	1918293
CH321-77M01	CHORI-321	3L	16746328	16845101
CH321-77M02	CHORI-321	3L	13059449	13155555
CH321-77M03	CHORI-321	3L	12578097	12671704
CH321-77M04	CHORI-321	2L	10263051	10339453
CH321-77M09	CHORI-321	3R	16143851	16225098
CH321-77M10	CHORI-321	2L	3439282	3523014
CH321-77M16	CHORI-321	X	13653851	13748795
CH321-77M20	CHORI-321	3R	6696826	6785024
CH321-77M23	CHORI-321	3R	27790888	27882362
CH321-77N03	CHORI-321	3L	3508820	3591733
CH321-77N04	CHORI-321	3R	19609659	19724121
CH321-77N08	CHORI-321	3L	10452978	10549312
CH321-77N12	CHORI-321	2L	19828240	19931301
CH321-77N13	CHORI-321	2L	16189189	16291323
CH321-77N16	CHORI-321	X	953467	1047090
CH321-77N18	CHORI-321	3R	2944136	3040817
CH321-77N19	CHORI-321	3L	16465179	16560576
CH321-77N20	CHORI-321	X	14757506	14849775
CH321-77N21	CHORI-321	3L	2836903	2943393
CH321-77N23	CHORI-321	2R	17097198	17194913
CH321-77O01	CHORI-321	3L	21003594	21098462
CH321-77O02	CHORI-321	2R	17079651	17170478
CH321-77O04	CHORI-321	3L	13497572	13592883
CH321-77O05	CHORI-321	ArmU	558063	600806
CH321-77O08	CHORI-321	3L	6831649	6908099
CH321-77O11	CHORI-321	X	20202339	20295307
CH321-77O14	CHORI-321	X	17409623	17499199
CH321-77O15	CHORI-321	3L	24371758	24473575
CH321-77O16	CHORI-321	2L	21266686	21365868
CH321-77O17	CHORI-321	3L	18088299	18154603
CH321-77O18	CHORI-321	2L	19676931	19761609
CH321-77O19	CHORI-321	3L	1798969	1887276
CH321-77O24	CHORI-321	3L	16238252	16335810
CH321-77P01	CHORI-321	X	4701487	4787069
CH321-77P06	CHORI-321	2L	3017384	3110410
CH321-77P07	CHORI-321	3R	21729106	21824788
CH321-77P10	CHORI-321	3R	25101337	25184137
CH321-77P15	CHORI-321	X	6222471	6310504
CH321-77P17	CHORI-321	3L	10333402	10427159
CH321-77P19	CHORI-321	3L	16244322	16334901

CH321-77P20	CHORI-321	3R	16597054	16687746
CH321-77P21	CHORI-321	X	6326671	6430421
CH321-78A04	CHORI-321	2R	5303341	5420379
CH321-78A05	CHORI-321	3R	6162733	6257071
CH321-78A06	CHORI-321	3R	12149676	12244693
CH321-78A15	CHORI-321	2L	12925231	13007650
CH321-78A16	CHORI-321	3R	7829979	7930270
CH321-78A19	CHORI-321	X	18095385	18183903
CH321-78B01	CHORI-321	2L	14135353	14229647
CH321-78B02	CHORI-321	2R	6238749	6332689
CH321-78B04	CHORI-321	2R	19115458	19217040
CH321-78B06	CHORI-321	X	9296669	9373747
CH321-78B09	CHORI-321	X	19893009	19957551
CH321-78B10	CHORI-321	2R	5295472	5381372
CH321-78B11	CHORI-321	2L	1618225	1715299
CH321-78B12	CHORI-321	2L	1421778	1502922
CH321-78B13	CHORI-321	3L	3528569	3627214
CH321-78B14	CHORI-321	3R	26189514	26271934
CH321-78B15	CHORI-321	3L	11051333	11140358
CH321-78B16	CHORI-321	X	4289931	4382150
CH321-78B17	CHORI-321	3LHet	694465	793145
CH321-78B18	CHORI-321	3R	11290216	11393856
CH321-78B22	CHORI-321	2L	8812791	8899140
CH321-78B24	CHORI-321	3R	22926002	23014803
CH321-78C01	CHORI-321	X	19581404	19681595
CH321-78C02	CHORI-321	3L	3203600	3289213
CH321-78C03	CHORI-321	2L	13669517	13760621
CH321-78C12	CHORI-321	3R	23747192	23845057
CH321-78D03	CHORI-321	2R	18446834	18540096
CH321-78D06	CHORI-321	2R	9180347	9262909
CH321-78D11	CHORI-321	3L	12819367	12915598
CH321-78D14	CHORI-321	2L	10363824	10449031
CH321-78D15	CHORI-321	3R	1915237	2000561
CH321-78D24	CHORI-321	3L	8796172	8881167
CH321-78E01	CHORI-321	2R	13620496	13699587
CH321-78E04	CHORI-321	3L	2996758	3089069
CH321-78E05	CHORI-321	3L	5392676	5469111
CH321-78E10	CHORI-321	3L	6755346	6851568
CH321-78F04	CHORI-321	3L	17576417	17675924
CH321-78F08	CHORI-321	2R	16026074	16110720
CH321-78F11	CHORI-321	3R	23381649	23484495
CH321-78F15	CHORI-321	3R	10826214	10907043
CH321-78F23	CHORI-321	2R	20079942	20175806
CH321-78G03	CHORI-321	2R	14590892	14678234
CH321-78G04	CHORI-321	2L	19449753	19532068
CH321-78G06	CHORI-321	X	4030078	4120633
CH321-78G08	CHORI-321	3R	4400349	4472202
CH321-78G11	CHORI-321	3L	24289886	24331755
CH321-78G14	CHORI-321	3L	17112162	17211686
CH321-78G18	CHORI-321	3R	2778337	2858293
CH321-78G22	CHORI-321	3L	19039912	19120437
CH321-78G24	CHORI-321	X	753600	844527
CH321-78H09	CHORI-321	2R	17302734	17385162
CH321-78H11	CHORI-321	3L	22842983	22935958

CH321-78H17	CHORI-321	3R	17195436	17285073
CH321-78H18	CHORI-321	X	18867763	18947994
CH321-78H23	CHORI-321	2RHet	819729	911138
CH321-78I05	CHORI-321	X	4881289	4970977
CH321-78I09	CHORI-321	2R	3600455	3684387
CH321-78I12	CHORI-321	3R	7280160	7390769
CH321-78I13	CHORI-321	2L	14931410	15027641
CH321-78I18	CHORI-321	2L	4666531	4746831
CH321-78J01	CHORI-321	3R	23211162	23311095
CH321-78J02	CHORI-321	2R	17686883	17774346
CH321-78J03	CHORI-321	3R	24030127	24119457
CH321-78J09	CHORI-321	3R	9583359	9675911
CH321-78J11	CHORI-321	2L	4278831	4343487
CH321-78J12	CHORI-321	2L	7220683	7304411
CH321-78J13	CHORI-321	3R	22211636	22299376
CH321-78J14	CHORI-321	3R	20443021	20532936
CH321-78J17	CHORI-321	3R	12719616	12809058
CH321-78J20	CHORI-321	X	7096155	7190473
CH321-78K01	CHORI-321	3R	4257126	4349926
CH321-78K11	CHORI-321	3R	25842271	25948817
CH321-78K13	CHORI-321	3R	6531812	6612968
CH321-78K24	CHORI-321	3R	19404291	19507748
CH321-78L02	CHORI-321	2L	16189330	16284075
CH321-78L03	CHORI-321	2L	22101978	22193568
CH321-78L12	CHORI-321	3L	4648210	4728552
CH321-78L13	CHORI-321	3R	7860355	7949095
CH321-78M05	CHORI-321	3R	18986723	19074919
CH321-78M06	CHORI-321	3L	14812690	14895636
CH321-78M07	CHORI-321	3L	2955880	3044644
CH321-78M08	CHORI-321	X	15683673	15778110
CH321-78M09	CHORI-321	3L	3653886	3736963
CH321-78M11	CHORI-321	2L	16261693	16340877
CH321-78M12	CHORI-321	3R	25556524	25614419
CH321-78M17	CHORI-321	X	4197025	4283156
CH321-78M22	CHORI-321	3R	12471402	12569226
CH321-78M23	CHORI-321	2L	8510868	8613815
CH321-78N06	CHORI-321	2R	5244137	5322937
CH321-78N07	CHORI-321	3L	2646004	2753809
CH321-78N13	CHORI-321	2RHet	1276500	1362455
CH321-78N18	CHORI-321	X	1136819	1227905
CH321-78N20	CHORI-321	2R	1935332	2017807
CH321-78N21	CHORI-321	X	16547776	16645288
CH321-78O01	CHORI-321	2R	13970342	14056628
CH321-78O05	CHORI-321	3R	15120180	15212938
CH321-78O07	CHORI-321	3R	13556930	13651823
CH321-78O08	CHORI-321	X	10885107	10954828
CH321-78O14	CHORI-321	2L	9241801	9333682
CH321-78O16	CHORI-321	3R	5732487	5823940
CH321-78O23	CHORI-321	3R	18840737	18917739
CH321-78P01	CHORI-321	3L	23424583	23524595
CH321-78P06	CHORI-321	2R	4130195	4204664
CH321-78P07	CHORI-321	X	16311713	16395022
CH321-78P08	CHORI-321	3R	10220122	10306273
CH321-78P09	CHORI-321	2R	9644338	9720846

CH321-78P10	CHORI-321	3L	6499043	6597117
CH321-78P13	CHORI-321	X	3344704	3433299
CH321-78P17	CHORI-321	2R	16034055	16124050
CH321-78P19	CHORI-321	X	17888315	17983088
CH321-78P21	CHORI-321	3L	15523089	15598539
CH321-79A02	CHORI-321	X	21885322	21971991
CH321-79A03	CHORI-321	2R	5591908	5666881
CH321-79A04	CHORI-321	3L	12475454	12557196
CH321-79A05	CHORI-321	2R	19016266	19134556
CH321-79A06	CHORI-321	3L	4927333	5002692
CH321-79A07	CHORI-321	2R	14799993	14890194
CH321-79A10	CHORI-321	2R	10382949	10468673
CH321-79A11	CHORI-321	X	7418986	7510402
CH321-79A14	CHORI-321	2R	18876736	18950383
CH321-79A15	CHORI-321	X	12389628	12478825
CH321-79A16	CHORI-321	3R	9004363	9090685
CH321-79A17	CHORI-321	3L	3124089	3230994
CH321-79A18	CHORI-321	3L	13079197	13162030
CH321-79A19	CHORI-321	3L	16557545	16653609
CH321-79A20	CHORI-321	X	9975680	10085380
CH321-79A21	CHORI-321	2R	21014481	21090496
CH321-79A22	CHORI-321	3L	18626668	18718406
CH321-79B04	CHORI-321	X	16626348	16693716
CH321-79B07	CHORI-321	3R	19313754	19407383
CH321-79B09	CHORI-321	3L	17582699	17674688
CH321-79B10	CHORI-321	2R	8769794	8851978
CH321-79B11	CHORI-321	3RHet	2531	56004
CH321-79B12	CHORI-321	3L	19396065	19449429
CH321-79B13	CHORI-321	2L	10647949	10733373
CH321-79B15	CHORI-321	2RHet	1744220	1851247
CH321-79B16	CHORI-321	3R	9169883	9265926
CH321-79B17	CHORI-321	2R	12783844	12874863
CH321-79B18	CHORI-321	2R	968819	1056830
CH321-79B19	CHORI-321	X	12248150	12346480
CH321-79B21	CHORI-321	XHet	53583	166394
CH321-79C01	CHORI-321	2R	15039409	15127446
CH321-79C06	CHORI-321	2L	20813314	20890068
CH321-79C08	CHORI-321	3L	12053873	12146343
CH321-79C13	CHORI-321	2R	14191257	14280392
CH321-79C15	CHORI-321	3R	2560936	2650779
CH321-79C17	CHORI-321	3L	6983372	7079459
CH321-79C18	CHORI-321	2R	9871721	9970199
CH321-79C19	CHORI-321	3R	226822	326425
CH321-79C21	CHORI-321	2R	9801466	9885209
CH321-79C22	CHORI-321	X	16878959	16979414
CH321-79C23	CHORI-321	2R	5381355	5461910
CH321-79C24	CHORI-321	3RHet	1184311	1264584
CH321-79D03	CHORI-321	2L	5435021	5536149
CH321-79D04	CHORI-321	2R	18382075	18425734
CH321-79D05	CHORI-321	3L	23931937	24044580
CH321-79D06	CHORI-321	2L	13503381	13586175
CH321-79D07	CHORI-321	2R	14364641	14446068
CH321-79D10	CHORI-321	3L	6072856	6170578
CH321-79D14	CHORI-321	3R	3850186	3935086

CH321-79D18	CHORI-321	X	4037662	4114610
CH321-79D19	CHORI-321	3R	17847870	17950990
CH321-79D20	CHORI-321	3L	14607379	14704504
CH321-79D21	CHORI-321	2L	11465225	11544002
CH321-79D22	CHORI-321	2R	14728824	14836314
CH321-79D23	CHORI-321	X	18642155	18729605
CH321-79D24	CHORI-321	X	20629603	20717315
CH321-79E01	CHORI-321	2R	15943851	16029217
CH321-79E02	CHORI-321	2R	664781	741228
CH321-79E03	CHORI-321	3L	9137836	9212930
CH321-79E04	CHORI-321	3R	5790118	5874358
CH321-79E05	CHORI-321	2L	11633965	11723621
CH321-79E11	CHORI-321	2L	416956	457271
CH321-79E14	CHORI-321	3L	3947075	4050727
CH321-79E16	CHORI-321	3R	6482186	6592280
CH321-79E18	CHORI-321	3R	19775042	19882755
CH321-79F02	CHORI-321	ArmU	1092308	1185288
CH321-79F03	CHORI-321	2L	11173159	11261112
CH321-79F07	CHORI-321	X	10693259	10784410
CH321-79F08	CHORI-321	3R	25333187	25413226
CH321-79F09	CHORI-321	X	168490	265126
CH321-79F10	CHORI-321	X	2490691	2598211
CH321-79F11	CHORI-321	2R	14939477	15017847
CH321-79F12	CHORI-321	3R	10434534	10528275
CH321-79F13	CHORI-321	2L	11987241	12079905
CH321-79F14	CHORI-321	3R	19608858	19676648
CH321-79F15	CHORI-321	X	671662	763819
CH321-79F16	CHORI-321	2L	15175967	15253157
CH321-79F17	CHORI-321	2R	5014258	5102173
CH321-79F21	CHORI-321	3R	8130289	8191245
CH321-79F22	CHORI-321	3R	3083271	3167284
CH321-79F23	CHORI-321	2R	8356893	8449873
CH321-79G01	CHORI-321	2R	4141207	4237245
CH321-79G02	CHORI-321	2L	13436760	13486677
CH321-79G03	CHORI-321	2R	13026119	13109686
CH321-79G07	CHORI-321	3L	15692513	15771307
CH321-79G08	CHORI-321	3R	5378730	5448268
CH321-79G10	CHORI-321	3R	21814560	21902501
CH321-79G11	CHORI-321	2L	14363315	14459345
CH321-79G17	CHORI-321	3R	303262	403799
CH321-79G19	CHORI-321	3R	12805962	12867386
CH321-79G21	CHORI-321	X	222186	315953
CH321-79G23	CHORI-321	2R	1013522	1091838
CH321-79G24	CHORI-321	3R	9795616	9895747
CH321-79H01	CHORI-321	3L	2388243	2481339
CH321-79H02	CHORI-321	2R	19552824	19642742
CH321-79H03	CHORI-321	3R	3327539	3416031
CH321-79H04	CHORI-321	2L	13011538	13074640
CH321-79H06	CHORI-321	3L	19038385	19126242
CH321-79H07	CHORI-321	X	9403585	9480681
CH321-79H14	CHORI-321	2R	10261880	10348454
CH321-79H18	CHORI-321	X	19437085	19507841
CH321-79H24	CHORI-321	3L	13122059	13186066
CH321-79I01	CHORI-321	2L	3362596	3457784

CH321-79I02	CHORI-321	X	7937981	8029386
CH321-79I09	CHORI-321	X	17274108	17355007
CH321-79I10	CHORI-321	2L	14429059	14531410
CH321-79I13	CHORI-321	X	828481	909191
CH321-79I15	CHORI-321	2R	2656089	2757505
CH321-79I16	CHORI-321	X	12623569	12711629
CH321-79I17	CHORI-321	2R	18514469	18603628
CH321-79I20	CHORI-321	3L	20310033	20407886
CH321-79I22	CHORI-321	2L	12842464	12934204
CH321-79I23	CHORI-321	X	17658204	17747499
CH321-79J02	CHORI-321	X	12416247	12508243
CH321-79J03	CHORI-321	2R	20089670	20141931
CH321-79J06	CHORI-321	2R	16202373	16282603
CH321-79J07	CHORI-321	X	11167205	11266228
CH321-79J08	CHORI-321	3L	9396852	9492327
CH321-79J09	CHORI-321	3L	7067395	7157019
CH321-79J11	CHORI-321	3L	10477027	10566564
CH321-79J12	CHORI-321	3R	14342421	14437717
CH321-79J13	CHORI-321	3R	6862538	6961938
CH321-79J14	CHORI-321	3R	8919315	9009452
CH321-79J15	CHORI-321	X	20583118	20634629
CH321-79J19	CHORI-321	2L	19413069	19494117
CH321-79J21	CHORI-321	2L	3580548	3676607
CH321-79J22	CHORI-321	X	10125589	10205258
CH321-79K02	CHORI-321	X	6529956	6614404
CH321-79K03	CHORI-321	3R	7812982	7909168
CH321-79K04	CHORI-321	3R	10642713	10726828
CH321-79K08	CHORI-321	3R	10558368	10639729
CH321-79K09	CHORI-321	X	10186431	10282139
CH321-79K11	CHORI-321	2L	19583580	19671014
CH321-79K13	CHORI-321	2R	9138376	9224126
CH321-79K15	CHORI-321	2L	12516577	12611796
CH321-79K19	CHORI-321	2R	16534356	16629520
CH321-79K20	CHORI-321	2R	14716108	14811298
CH321-79L03	CHORI-321	3L	22956875	23021133
CH321-79L04	CHORI-321	X	15782099	15868836
CH321-79L05	CHORI-321	2R	7568646	7625684
CH321-79L06	CHORI-321	3R	16144571	16222079
CH321-79L07	CHORI-321	X	10301398	10382645
CH321-79L08	CHORI-321	X	11094270	11174461
CH321-79L09	CHORI-321	2L	16143163	16221178
CH321-79L11	CHORI-321	X	9284496	9356099
CH321-79L14	CHORI-321	2R	7934029	8021794
CH321-79L15	CHORI-321	2R	6925631	7006876
CH321-79L16	CHORI-321	3L	527637	614754
CH321-79L17	CHORI-321	2L	4123447	4198929
CH321-79L18	CHORI-321	3R	7261953	7354387
CH321-79L20	CHORI-321	3R	6219226	6310122
CH321-79L21	CHORI-321	3R	15629930	15708776
CH321-79L22	CHORI-321	2R	19173891	19250902
CH321-79L23	CHORI-321	3R	13182484	13272489
CH321-79M01	CHORI-321	2L	5363766	5469558
CH321-79M02	CHORI-321	2L	13012711	13096564
CH321-79M03	CHORI-321	X	10431889	10476357

CH321-79M11	CHORI-321	3L	810269	896393
CH321-79M12	CHORI-321	3L	20537209	20628326
CH321-79M13	CHORI-321	3L	5141062	5229167
CH321-79M14	CHORI-321	2L	20120319	20204873
CH321-79M15	CHORI-321	2L	5211293	5304002
CH321-79M16	CHORI-321	2L	4723548	4805576
CH321-79M19	CHORI-321	3R	748515	827975
CH321-79M21	CHORI-321	3R	4214322	4300592
CH321-79N01	CHORI-321	X	17304484	17408385
CH321-79N03	CHORI-321	2L	2461230	2542762
CH321-79N04	CHORI-321	2L	20110381	20202191
CH321-79N05	CHORI-321	2L	16860354	16937195
CH321-79N06	CHORI-321	X	6559212	6655371
CH321-79N08	CHORI-321	3L	5400106	5498841
CH321-79N10	CHORI-321	3R	15477280	15569465
CH321-79N16	CHORI-321	3L	3924529	4009476
CH321-79N17	CHORI-321	X	12363671	12475758
CH321-79N20	CHORI-321	3L	6308356	6412314
CH321-79N21	CHORI-321	3R	8328770	8413761
CH321-79N22	CHORI-321	2L	20638492	20726765
CH321-79N23	CHORI-321	2L	115780	214557
CH321-79O01	CHORI-321	3R	22894074	22980825
CH321-79O02	CHORI-321	2L	8284032	8368726
CH321-79O03	CHORI-321	X	19903704	20002838
CH321-79O06	CHORI-321	3L	11228858	11305486
CH321-79O07	CHORI-321	X	8860361	8939063
CH321-79O08	CHORI-321	3L	8803085	8896497
CH321-79O09	CHORI-321	2L	12733620	12827504
CH321-79O12	CHORI-321	2R	17496192	17609351
CH321-79O13	CHORI-321	2R	19027846	19126106
CH321-79O14	CHORI-321	2L	13563414	13634036
CH321-79O15	CHORI-321	X	412269	471878
CH321-79O18	CHORI-321	X	22258643	22357111
CH321-79O19	CHORI-321	3L	22020885	22119735
CH321-79O21	CHORI-321	X	13825587	13912171
CH321-79O22	CHORI-321	2L	1397196	1477339
CH321-79O23	CHORI-321	2L	12598463	12674567
CH321-79P01	CHORI-321	3L	2264396	2350982
CH321-79P02	CHORI-321	X	5679716	5772864
CH321-79P03	CHORI-321	2L	19596555	19674594
CH321-79P06	CHORI-321	2R	16282902	16375816
CH321-79P07	CHORI-321	3L	11635132	11724633
CH321-79P09	CHORI-321	3R	6876544	6964336
CH321-79P10	CHORI-321	3RHet	1381446	1468826
CH321-79P11	CHORI-321	3R	14051680	14104651
CH321-79P12	CHORI-321	3R	1617408	1672103
CH321-79P15	CHORI-321	2L	11030486	11126876
CH321-79P21	CHORI-321	3R	5761550	5846454
CH321-79P22	CHORI-321	2L	12333861	12448159
CH321-79P23	CHORI-321	3R	7864200	7969500
CH321-79P24	CHORI-321	3R	1744499	1838499
CH321-80A03	CHORI-321	3R	19785301	19883591
CH321-80A06	CHORI-321	2R	11248035	11336813
CH321-80A07	CHORI-321	X	21239641	21340077

CH321-80A09	CHORI-321	3L	17678359	17790224
CH321-80A10	CHORI-321	3R	15897354	15969269
CH321-80A11	CHORI-321	2R	4467508	4565062
CH321-80A12	CHORI-321	2L	7224025	7323718
CH321-80A14	CHORI-321	3L	11076493	11164268
CH321-80A15	CHORI-321	2L	5381851	5466143
CH321-80A18	CHORI-321	2R	13705848	13790346
CH321-80A19	CHORI-321	3RHet	1700873	1786328
CH321-80A20	CHORI-321	3R	15762768	15841752
CH321-80A21	CHORI-321	2R	20263428	20361152
CH321-80A24	CHORI-321	3L	19882446	19978535
CH321-80B01	CHORI-321	4	317002	395484
CH321-80B02	CHORI-321	2L	7314653	7402996
CH321-80B04	CHORI-321	2R	8047229	8132424
CH321-80B05	CHORI-321	2R	7802358	7861452
CH321-80B07	CHORI-321	X	14416492	14517238
CH321-80B09	CHORI-321	3R	14304264	14406764
CH321-80B11	CHORI-321	2L	4190440	4269778
CH321-80B12	CHORI-321	3R	4011729	4095120
CH321-80B17	CHORI-321	3L	10944958	11023756
CH321-80B18	CHORI-321	X	12476515	12560554
CH321-80B21	CHORI-321	3L	13088787	13168913
CH321-80B23	CHORI-321	X	17358703	17447451
CH321-80C01	CHORI-321	3R	16388725	16463635
CH321-80C03	CHORI-321	2L	2994235	3090589
CH321-80C05	CHORI-321	2R	20034087	20127863
CH321-80C06	CHORI-321	3R	9983918	10074370
CH321-80C08	CHORI-321	2R	10345025	10433642
CH321-80C10	CHORI-321	3LHet	1501265	1564908
CH321-80C11	CHORI-321	3L	5362227	5456158
CH321-80C14	CHORI-321	3R	26984438	27083994
CH321-80C16	CHORI-321	3R	22156843	22238842
CH321-80C17	CHORI-321	3L	14951423	15044223
CH321-80C20	CHORI-321	X	9406144	9495410
CH321-80C21	CHORI-321	3R	24209823	24313354
CH321-80C22	CHORI-321	2L	4651946	4732399
CH321-80C23	CHORI-321	3L	22629274	22732202
CH321-80C24	CHORI-321	2L	3280248	3369803
CH321-80D02	CHORI-321	2L	17286561	17361227
CH321-80D03	CHORI-321	2L	13111211	13210030
CH321-80D04	CHORI-321	3R	18780444	18850352
CH321-80D05	CHORI-321	3R	11411212	11520532
CH321-80D06	CHORI-321	3L	18899270	18997579
CH321-80D07	CHORI-321	2R	9792157	9856667
CH321-80D09	CHORI-321	X	16022475	16105889
CH321-80D10	CHORI-321	2L	17667976	17748381
CH321-80D11	CHORI-321	3L	13424157	13509888
CH321-80D12	CHORI-321	3L	6604817	6711313
CH321-80D14	CHORI-321	3R	2064995	2151321
CH321-80D15	CHORI-321	2L	12915034	12995115
CH321-80D17	CHORI-321	3R	3758964	3832291
CH321-80D18	CHORI-321	2L	10656524	10766306
CH321-80E01	CHORI-321	3L	12261592	12346135
CH321-80E02	CHORI-321	2R	1318154	1396971

CH321-80E03	CHORI-321	2R	7476979	7556529
CH321-80E04	CHORI-321	3L	13132672	13212041
CH321-80E05	CHORI-321	3R	26632476	26719999
CH321-80E09	CHORI-321	2R	4480257	4577638
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CH321-80E14	CHORI-321	3L	5254840	5315037
CH321-80E15	CHORI-321	X	2333186	2423349
CH321-80E16	CHORI-321	2R	2628231	2724175
CH321-80E18	CHORI-321	3L	5339412	5432503
CH321-80E19	CHORI-321	3R	14108305	14218718
CH321-80E20	CHORI-321	2R	18839381	18934882
CH321-80E23	CHORI-321	3L	9765151	9859839
CH321-80F02	CHORI-321	3R	18780444	18850353
CH321-80F03	CHORI-321	3R	24059566	24142186
CH321-80F06	CHORI-321	2L	16520128	16608789
CH321-80F09	CHORI-321	3R	10766814	10848852
CH321-80F10	CHORI-321	3R	20955762	21052286
CH321-80F14	CHORI-321	2L	17938026	18010704
CH321-80F16	CHORI-321	2L	7716179	7806102
CH321-80F17	CHORI-321	2L	9498834	9567837
CH321-80F18	CHORI-321	2R	4371157	4461953
CH321-80F19	CHORI-321	2R	2510470	2594697
CH321-80F20	CHORI-321	2L	19876510	19928371
CH321-80F21	CHORI-321	2R	8709130	8793439
CH321-80F22	CHORI-321	2R	19302155	19401638
CH321-80F23	CHORI-321	3L	18715715	18794992
CH321-80F24	CHORI-321	2L	22738598	22820758
CH321-80G01	CHORI-321	3L	10764241	10867481
CH321-80G02	CHORI-321	3R	17420829	17473238
CH321-80G04	CHORI-321	3L	491723	576039
CH321-80G05	CHORI-321	3R	14889129	14980460
CH321-80G06	CHORI-321	X	15283731	15348150
CH321-80G07	CHORI-321	3L	2261579	2355372
CH321-80G08	CHORI-321	X	7271863	7357257
CH321-80G09	CHORI-321	3R	12956079	13039302
CH321-80G11	CHORI-321	2L	17128312	17212153
CH321-80G12	CHORI-321	3L	18052589	18143789
CH321-80G15	CHORI-321	3L	8560359	8659782
CH321-80G17	CHORI-321	3R	22260252	22351570
CH321-80G20	CHORI-321	2R	17253779	17358812
CH321-80G21	CHORI-321	3LHet	934100	1023544
CH321-80H01	CHORI-321	2L	20426373	20518581
CH321-80H02	CHORI-321	X	16387411	16467611
CH321-80H03	CHORI-321	2R	9966451	10068128
CH321-80H04	CHORI-321	2R	13150023	13221214
CH321-80H05	CHORI-321	2L	5188537	5230012
CH321-80H06	CHORI-321	3L	13293114	13371636
CH321-80H10	CHORI-321	2R	4871581	4965594
CH321-80H11	CHORI-321	2R	11743232	11822097
CH321-80H13	CHORI-321	3L	18213116	18315544
CH321-80H14	CHORI-321	3R	7854481	7936039
CH321-80H15	CHORI-321	2L	2080395	2181550
CH321-80H16	CHORI-321	2L	22838358	22928864

CH321-80H17	CHORI-321	3L	5344175	5449302
CH321-80H18	CHORI-321	3L	19141065	19218910
CH321-80H19	CHORI-321	3R	1208109	1291195
CH321-80H22	CHORI-321	3R	12483180	12593165
CH321-80H23	CHORI-321	3R	19143609	19249225
CH321-80H24	CHORI-321	3L	4203646	4294819
CH321-80I01	CHORI-321	3L	5961947	6048556
CH321-80I02	CHORI-321	2L	7585167	7696893
CH321-80I04	CHORI-321	X	8373682	8470411
CH321-80I06	CHORI-321	3L	2260937	2368163
CH321-80I07	CHORI-321	2R	14899236	14990238
CH321-80I08	CHORI-321	3L	1363381	1449071
CH321-80I10	CHORI-321	3L	7013655	7098280
CH321-80I13	CHORI-321	X	4697576	4788734
CH321-80I14	CHORI-321	X	18285880	18369140
CH321-80I15	CHORI-321	3R	10807109	10908583
CH321-80I16	CHORI-321	3R	17285184	17358235
CH321-80I17	CHORI-321	3R	18274537	18365873
CH321-80I18	CHORI-321	3R	8368773	8459866
CH321-80I19	CHORI-321	3L	10533488	10627552
CH321-80I22	CHORI-321	2R	20044356	20123601
CH321-80I23	CHORI-321	2L	15789239	15874835
CH321-80J01	CHORI-321	2R	13126012	13201008
CH321-80J02	CHORI-321	3L	6762820	6847429
CH321-80J06	CHORI-321	2R	2675082	2753520
CH321-80J07	CHORI-321	3R	8773440	8873394
CH321-80J08	CHORI-321	3L	18914780	19008271
CH321-80J09	CHORI-321	3R	2918856	3029219
CH321-80J12	CHORI-321	3R	21724375	21803520
CH321-80J14	CHORI-321	3R	22334756	22424405
CH321-80J16	CHORI-321	2L	2366465	2451791
CH321-80J17	CHORI-321	2R	5724753	5815224
CH321-80J18	CHORI-321	3L	21192787	21282732
CH321-80J19	CHORI-321	2L	8992713	9086910
CH321-80J20	CHORI-321	3L	23021047	23096270
CH321-80J22	CHORI-321	2R	9953910	10060265
CH321-80J24	CHORI-321	2L	6364512	6420522
CH321-80K01	CHORI-321	2L	11531018	11617188
CH321-80K02	CHORI-321	3R	8163740	8229646
CH321-80K03	CHORI-321	3L	10459261	10540489
CH321-80K04	CHORI-321	2R	14922995	15018566
CH321-80K06	CHORI-321	2R	18887650	18963717
CH321-80K07	CHORI-321	3R	10130788	10247108
CH321-80K09	CHORI-321	X	15024877	15123347
CH321-80K10	CHORI-321	2R	4216710	4305901
CH321-80K11	CHORI-321	X	16168432	16244473
CH321-80K12	CHORI-321	3L	3847695	3935756
CH321-80K14	CHORI-321	3R	779578	864653
CH321-80K16	CHORI-321	2L	3894820	3975376
CH321-80K17	CHORI-321	X	15976057	16066779
CH321-80K21	CHORI-321	2R	12282956	12385023
CH321-80L01	CHORI-321	2L	16134229	16212691
CH321-80L03	CHORI-321	X	9505871	9589543
CH321-80L04	CHORI-321	2R	3276931	3359358

CH321-80L05	CHORI-321	3L	18101953	18188033
CH321-80L06	CHORI-321	3R	24325571	24422390
CH321-80L07	CHORI-321	X	12181893	12251627
CH321-80L08	CHORI-321	2R	3294807	3384971
CH321-80L09	CHORI-321	3R	5737832	5817256
CH321-80L11	CHORI-321	2R	9102866	9187103
CH321-80L13	CHORI-321	3R	26811044	26895780
CH321-80L15	CHORI-321	3R	11797766	11898800
CH321-80L18	CHORI-321	X	18506624	18588277
CH321-80L19	CHORI-321	3R	6433022	6516342
CH321-80L20	CHORI-321	3R	7204876	7255018
CH321-80L21	CHORI-321	2R	11964858	12032302
CH321-80L23	CHORI-321	2L	4123447	4200649
CH321-80L24	CHORI-321	2L	15473799	15555693
CH321-80M01	CHORI-321	2R	11934716	12028355
CH321-80M03	CHORI-321	X	19967979	20071602
CH321-80M04	CHORI-321	X	21108948	21195965
CH321-80M07	CHORI-321	3L	10251662	10348631
CH321-80M08	CHORI-321	3R	25198093	25276259
CH321-80M11	CHORI-321	3L	18532746	18613822
CH321-80M12	CHORI-321	X	7160087	7247783
CH321-80M13	CHORI-321	3L	12616137	12704499
CH321-80M14	CHORI-321	2L	18137445	18249208
CH321-80M17	CHORI-321	3L	20052021	20139123
CH321-80M18	CHORI-321	3R	15329759	15418621
CH321-80M20	CHORI-321	3R	18655466	18747897
CH321-80M21	CHORI-321	3R	16234834	16335654
CH321-80M22	CHORI-321	3L	10093303	10174998
CH321-80M23	CHORI-321	3L	18832289	18913832
CH321-80N01	CHORI-321	X	9667725	9768757
CH321-80N03	CHORI-321	3L	955068	1010192
CH321-80N05	CHORI-321	3R	2573367	2655399
CH321-80N08	CHORI-321	X	6037189	6129929
CH321-80N09	CHORI-321	2R	11460406	11541255
CH321-80N10	CHORI-321	3R	9247481	9342690
CH321-80N13	CHORI-321	X	10085578	10173123
CH321-80N14	CHORI-321	3L	213802	314270
CH321-80N16	CHORI-321	3L	3688949	3773630
CH321-80N18	CHORI-321	3R	5387534	5492017
CH321-80N22	CHORI-321	2L	4385291	4490493
CH321-80N23	CHORI-321	2L	13613581	13721664
CH321-80N24	CHORI-321	2R	322737	390731
CH321-80O03	CHORI-321	3R	11052744	11147808
CH321-80O05	CHORI-321	3R	27211851	27304106
CH321-80O06	CHORI-321	3L	21830072	21921356
CH321-80O08	CHORI-321	2L	19812529	19907402
CH321-80O09	CHORI-321	2R	16039863	16120565
CH321-80O10	CHORI-321	2R	11462530	11550685
CH321-80O13	CHORI-321	2R	14123416	14229063
CH321-80O14	CHORI-321	3R	11907748	12001740
CH321-80O16	CHORI-321	2R	13031215	13105603
CH321-80O18	CHORI-321	2R	1296459	1387341
CH321-80O19	CHORI-321	2L	8065984	8122834
CH321-80O21	CHORI-321	2R	9483235	9580436

CH321-80O22	CHORI-321	2R	16734773	16833334
CH321-80O23	CHORI-321	2L	8228277	8316647
CH321-80O24	CHORI-321	3R	15328058	15420532
CH321-80P01	CHORI-321	X	8573912	8651547
CH321-80P02	CHORI-321	3R	17615291	17704006
CH321-80P03	CHORI-321	3R	25027648	25120209
CH321-80P06	CHORI-321	X	6711166	6805999
CH321-80P08	CHORI-321	3R	17619133	17731729
CH321-80P09	CHORI-321	3RHet	13829	62680
CH321-80P16	CHORI-321	X	8144170	8231532
CH321-80P17	CHORI-321	2R	14760572	14851984
CH321-80P20	CHORI-321	2L	1793952	1902252
CH321-80P22	CHORI-321	2L	11194478	11304118
CH321-80P23	CHORI-321	2L	21064345	21172561
CH321-80P24	CHORI-321	3R	5302819	5396358
CH321-81A01	CHORI-321	3L	21199375	21283001
CH321-81A04	CHORI-321	2R	9119938	9212559
CH321-81A07	CHORI-321	3L	10084060	10179772
CH321-81A08	CHORI-321	3L	14678656	14751934
CH321-81A09	CHORI-321	3R	9635736	9720744
CH321-81A10	CHORI-321	X	13984032	14072048
CH321-81A11	CHORI-321	3LHet	1799807	1891219
CH321-81A12	CHORI-321	3R	17798222	17901458
CH321-81A14	CHORI-321	2R	9945750	10036221
CH321-81A15	CHORI-321	3R	15996015	16081516
CH321-81A17	CHORI-321	2L	4654153	4744138
CH321-81A19	CHORI-321	3R	6051763	6147208
CH321-81A21	CHORI-321	3R	482584	555233
CH321-81A22	CHORI-321	3L	14812572	14915059
CH321-81A23	CHORI-321	2L	15770529	15861540
CH321-81A24	CHORI-321	X	8645938	8765233
CH321-81B02	CHORI-321	X	13163277	13260858
CH321-81B03	CHORI-321	3L	21758827	21841202
CH321-81B05	CHORI-321	2L	9576888	9664292
CH321-81B11	CHORI-321	X	7581720	7677161
CH321-81B12	CHORI-321	2L	16948198	17036048
CH321-81B19	CHORI-321	2L	4044995	4139895
CH321-81B21	CHORI-321	2R	6164515	6209891
CH321-81B22	CHORI-321	3R	15494816	15572623
CH321-81B23	CHORI-321	3L	9704985	9814706
CH321-81B24	CHORI-321	3R	19324880	19425772
CH321-81C02	CHORI-321	2R	14810312	14896280
CH321-81C03	CHORI-321	2RHet	1332776	1409538
CH321-81C06	CHORI-321	2R	6543833	6637833
CH321-81C09	CHORI-321	3R	1838880	1927408
CH321-81C13	CHORI-321	2L	11547367	11624987
CH321-81C14	CHORI-321	2R	13487153	13587638
CH321-81C15	CHORI-321	3R	5284134	5381458
CH321-81C16	CHORI-321	3L	5168948	5258569
CH321-81C18	CHORI-321	3R	4397272	4478497
CH321-81C21	CHORI-321	3R	8454249	8495894
CH321-81C22	CHORI-321	3L	16072776	16165071
CH321-81C24	CHORI-321	3L	14748565	14791198
CH321-81D02	CHORI-321	2R	14894497	14978837

CH321-81D05	CHORI-321	3R	6332849	6399888
CH321-81D06	CHORI-321	3L	2482127	2598915
CH321-81D08	CHORI-321	X	10088189	10179926
CH321-81D11	CHORI-321	3L	1300330	1372677
CH321-81D16	CHORI-321	2RHet	194108	296599
CH321-81D17	CHORI-321	2R	12926580	13031218
CH321-81E02	CHORI-321	2RHet	1681672	1767833
CH321-81E03	CHORI-321	3R	26454298	26514107
CH321-81E04	CHORI-321	2L	1470583	1560138
CH321-81E05	CHORI-321	3L	6974487	7082253
CH321-81E07	CHORI-321	2L	8510458	8608117
CH321-81E10	CHORI-321	3R	17496971	17586666
CH321-81E12	CHORI-321	3R	6427497	6535677
CH321-81E18	CHORI-321	3R	24152692	24231385
CH321-81E22	CHORI-321	2R	10010766	10108736
CH321-81E24	CHORI-321	3R	11616224	11704507
CH321-81F02	CHORI-321	3R	6235254	6319716
CH321-81F06	CHORI-321	3L	17446240	17549322
CH321-81F13	CHORI-321	3R	199400	297976
CH321-81G02	CHORI-321	3R	14277237	14394014
CH321-81G03	CHORI-321	X	11122771	11199735
CH321-81G11	CHORI-321	3R	26314147	26412272
CH321-81G18	CHORI-321	2R	5495069	5588843
CH321-81G24	CHORI-321	2R	7549519	7595487
CH321-81H07	CHORI-321	2L	12065918	12141905
CH321-81H10	CHORI-321	2L	6466881	6559460
CH321-81H13	CHORI-321	3R	2501478	2591226
CH321-81H15	CHORI-321	3L	9485144	9567127
CH321-81H18	CHORI-321	3R	15920630	16018239
CH321-81H24	CHORI-321	2R	8731425	8777866
CH321-81I03	CHORI-321	3R	17080562	17182843
CH321-81I04	CHORI-321	3L	7813830	7908721
CH321-81I08	CHORI-321	2R	7055644	7144752
CH321-81I09	CHORI-321	3R	14103714	14192275
CH321-81I12	CHORI-321	X	14381216	14473528
CH321-81I14	CHORI-321	3R	16722381	16774967
CH321-81I19	CHORI-321	3R	9847946	9931748
CH321-81I23	CHORI-321	2L	15166434	15253903
CH321-81I24	CHORI-321	2R	3953947	4056364
CH321-81J01	CHORI-321	3R	21672388	21768914
CH321-81J04	CHORI-321	3L	10057464	10145449
CH321-81J07	CHORI-321	3R	13008509	13104977
CH321-81J08	CHORI-321	3R	24779278	24878974
CH321-81J12	CHORI-321	3L	11214995	11293113
CH321-81J19	CHORI-321	2R	16296533	16400434
CH321-81J20	CHORI-321	3R	17604409	17678034
CH321-81K01	CHORI-321	3L	14631032	14720746
CH321-81K02	CHORI-321	2R	1228000	1304566
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CH321-81K09	CHORI-321	2L	13290904	13381395
CH321-81K15	CHORI-321	3L	17141540	17232205
CH321-81K19	CHORI-321	3L	18104459	18196471
CH321-81K24	CHORI-321	2R	9140986	9195888
CH321-81L02	CHORI-321	3R	21187708	21288811

CH321-81L03	CHORI-321	2R	15254284	15365592
CH321-81L07	CHORI-321	3R	5951914	6031485
CH321-81L10	CHORI-321	2L	9340072	9425518
CH321-81L11	CHORI-321	2R	689832	771450
CH321-81L13	CHORI-321	3L	14471206	14555280
CH321-81L16	CHORI-321	X	7299533	7372569
CH321-81M02	CHORI-321	3L	17088070	17173603
CH321-81M03	CHORI-321	2L	11046543	11126697
CH321-81M05	CHORI-321	3LHet	2306606	2418811
CH321-81M10	CHORI-321	3R	25884909	25928878
CH321-81M12	CHORI-321	3R	8728189	8824655
CH321-81M13	CHORI-321	3R	20094793	20172828
CH321-81M15	CHORI-321	3R	25883574	25977849
CH321-81M16	CHORI-321	2R	7815665	7902121
CH321-81M17	CHORI-321	X	20589800	20632361
CH321-81M23	CHORI-321	2R	4721660	4824893
CH321-81N05	CHORI-321	3R	25528025	25602416
CH321-81N06	CHORI-321	3R	22475416	22565080
CH321-81N09	CHORI-321	X	21838975	21922080
CH321-81N10	CHORI-321	2L	421768	508380
CH321-81N11	CHORI-321	3L	17445529	17543539
CH321-81N12	CHORI-321	2L	18184978	18293779
CH321-81N14	CHORI-321	2L	9065491	9162366
CH321-81N16	CHORI-321	3R	7962167	8057871
CH321-81N20	CHORI-321	2R	20787245	20876211
CH321-81N22	CHORI-321	3R	3161817	3262289
CH321-81O02	CHORI-321	X	14247960	14334700
CH321-81O03	CHORI-321	2L	16319014	16406468
CH321-81O04	CHORI-321	3L	18106511	18188408
CH321-81O05	CHORI-321	2R	6174321	6264000
CH321-81O11	CHORI-321	X	15403908	15450523
CH321-81O15	CHORI-321	2RHet	1333969	1432918
CH321-81O21	CHORI-321	X	9824616	9913546
CH321-81O22	CHORI-321	2L	6445867	6529763
CH321-81P01	CHORI-321	3R	23650393	23740734
CH321-81P03	CHORI-321	2L	19578765	19671647
CH321-81P07	CHORI-321	X	14379204	14477396
CH321-81P09	CHORI-321	X	19798325	19885584
CH321-81P14	CHORI-321	3RHet	1166090	1260104
CH321-81P15	CHORI-321	3L	587429	679450
CH321-81P21	CHORI-321	3L	5227418	5322658
CH321-81P22	CHORI-321	X	6892904	6973020
CH321-81P24	CHORI-321	X	3562428	3654476
CH321-82A01	CHORI-321	3L	16160233	16264109
CH321-82A02	CHORI-321	3R	11554742	11652797
CH321-82A04	CHORI-321	2L	6656110	6741641
CH321-82A07	CHORI-321	3R	12887907	12974544
CH321-82A08	CHORI-321	X	8188221	8267792
CH321-82A09	CHORI-321	2R	412460	497501
CH321-82A10	CHORI-321	3L	9900586	9983340
CH321-82A12	CHORI-321	X	15627515	15719364
CH321-82A13	CHORI-321	3L	16619811	16714555
CH321-82A14	CHORI-321	2R	5125110	5200281
CH321-82A15	CHORI-321	3R	15154347	15259100

CH321-82A22	CHORI-321	3L	22172447	22256202
CH321-82B01	CHORI-321	2L	19965290	20055014
CH321-82B02	CHORI-321	X	8159358	8248705
CH321-82B03	CHORI-321	2RHet	934904	1008710
CH321-82B06	CHORI-321	3L	10082188	10138783
CH321-82B07	CHORI-321	2L	20561098	20663906
CH321-82B11	CHORI-321	X	10431522	10526063
CH321-82B12	CHORI-321	2L	3136408	3232540
CH321-82B13	CHORI-321	3L	3279993	3335185
CH321-82B14	CHORI-321	3L	19044319	19124156
CH321-82B15	CHORI-321	2R	6166822	6252157
CH321-82B16	CHORI-321	3R	21310433	21389340
CH321-82B17	CHORI-321	3R	20848418	20945626
CH321-82B19	CHORI-321	X	14547031	14635025
CH321-82B20	CHORI-321	3L	10684638	10736163
CH321-82B21	CHORI-321	3L	9607821	9692647
CH321-82B22	CHORI-321	2L	7605795	7693686
CH321-82C01	CHORI-321	2R	11707562	11757867
CH321-82C02	CHORI-321	X	9311004	9372185
CH321-82C03	CHORI-321	3L	5898285	5992697
CH321-82C09	CHORI-321	X	12350808	12430503
CH321-82C10	CHORI-321	X	17478014	17562715
CH321-82C11	CHORI-321	2R	8481054	8576085
CH321-82C14	CHORI-321	3R	22415307	22511165
CH321-82C16	CHORI-321	X	7384867	7468261
CH321-82C21	CHORI-321	3R	11688785	11778423
CH321-82C22	CHORI-321	2L	645016	726954
CH321-82C23	CHORI-321	2L	20543539	20626766
CH321-82D01	CHORI-321	3R	5744270	5825318
CH321-82D02	CHORI-321	3R	14377619	14478858
CH321-82D03	CHORI-321	2R	9935097	9977744
CH321-82D04	CHORI-321	3R	25841711	25934650
CH321-82D05	CHORI-321	3L	18716203	18798937
CH321-82D06	CHORI-321	3R	2637369	2720471
CH321-82D07	CHORI-321	3R	1208141	1266878
CH321-82D09	CHORI-321	3R	23388933	23481937
CH321-82D11	CHORI-321	3L	21225850	21333563
CH321-82D12	CHORI-321	3R	1721053	1813778
CH321-82D14	CHORI-321	3L	9229393	9322889
CH321-82D16	CHORI-321	2L	17017344	17101494
CH321-82D17	CHORI-321	3L	21846590	21939031
CH321-82D18	CHORI-321	2R	673611	767297
CH321-82D23	CHORI-321	2L	14705646	14796557
CH321-82D24	CHORI-321	2L	14279223	14362395
CH321-82E02	CHORI-321	3L	12806351	12896386
CH321-82E03	CHORI-321	3L	70539	165678
CH321-82E04	CHORI-321	2L	16189463	16284179
CH321-82E05	CHORI-321	3R	14326780	14412066
CH321-82E06	CHORI-321	3L	19165919	19268818
CH321-82E07	CHORI-321	2L	7545370	7632691
CH321-82E09	CHORI-321	3L	11832732	11916747
CH321-82E10	CHORI-321	3R	437753	521450
CH321-82E11	CHORI-321	2L	759083	859021
CH321-82E12	CHORI-321	3R	1043307	1145119

CH321-82E17	CHORI-321	2L	9064600	9163238
CH321-82F01	CHORI-321	3L	16228881	16310174
CH321-82F02	CHORI-321	2R	17761676	17844193
CH321-82F04	CHORI-321	3L	20010952	20101200
CH321-82F08	CHORI-321	3R	19362885	19421662
CH321-82F10	CHORI-321	3L	12232806	12327368
CH321-82F12	CHORI-321	2L	15188895	15262205
CH321-82F13	CHORI-321	3L	18062795	18140879
CH321-82G01	CHORI-321	X	8085585	8186944
CH321-82G02	CHORI-321	2L	16363196	16466822
CH321-82G03	CHORI-321	2R	4196600	4286094
CH321-82G09	CHORI-321	3R	7226805	7330033
CH321-82G11	CHORI-321	2R	15265730	15356710
CH321-82G13	CHORI-321	3R	6869858	6961698
CH321-82G14	CHORI-321	2L	17712458	17796796
CH321-82G15	CHORI-321	3R	7767800	7855534
CH321-82G16	CHORI-321	3R	11539121	11622167
CH321-82G17	CHORI-321	3L	16475077	16566490
CH321-82G19	CHORI-321	X	8480082	8585732
CH321-82G22	CHORI-321	2R	1766350	1842346
CH321-82H02	CHORI-321	2L	13561741	13668965
CH321-82H03	CHORI-321	2R	17101375	17195903
CH321-82H13	CHORI-321	3L	23487916	23587182
CH321-82H15	CHORI-321	X	733730	815600
CH321-82H16	CHORI-321	X	20880091	20969662
CH321-82H18	CHORI-321	XHet	63468	159775
CH321-82I01	CHORI-321	3R	9028236	9109063
CH321-82I04	CHORI-321	2R	7341951	7425601
CH321-82I12	CHORI-321	2R	4415537	4501637
CH321-82I14	CHORI-321	2L	18364989	18454094
CH321-82I18	CHORI-321	3L	12918146	13010342
CH321-82I19	CHORI-321	3L	6765189	6841150
CH321-82I24	CHORI-321	3L	5913028	5989969
CH321-82J01	CHORI-321	2R	15028416	15128639
CH321-82J09	CHORI-321	2L	6356205	6453802
CH321-82J12	CHORI-321	2R	4633990	4722950
CH321-82J13	CHORI-321	3L	10430782	10515186
CH321-82J14	CHORI-321	3L	6706814	6804232
CH321-82J19	CHORI-321	3R	14204815	14298098
CH321-82J21	CHORI-321	X	12272136	12385823
CH321-82J22	CHORI-321	2R	11433330	11529347
CH321-82K02	CHORI-321	3R	26190109	26272943
CH321-82K03	CHORI-321	X	5820079	5902948
CH321-82K04	CHORI-321	3R	7049726	7113270
CH321-82K06	CHORI-321	3L	9901496	9979708
CH321-82K09	CHORI-321	2L	6095035	6150152
CH321-82K17	CHORI-321	2R	17595759	17685109
CH321-82L02	CHORI-321	X	3137680	3216843
CH321-82L03	CHORI-321	X	872902	964280
CH321-82L04	CHORI-321	X	14729363	14828741
CH321-82L06	CHORI-321	2R	19748106	19851721
CH321-82L07	CHORI-321	3R	23701771	23792617
CH321-82L09	CHORI-321	2L	1274223	1353860
CH321-82L10	CHORI-321	3L	17025039	17112165

CH321-82L11	CHORI-321	3L	19291229	19380750
CH321-82L13	CHORI-321	2R	7028777	7115831
CH321-82L17	CHORI-321	3R	1499960	1593417
CH321-82L22	CHORI-321	X	10872716	10961073
CH321-82L23	CHORI-321	3R	16688335	16773560
CH321-82M01	CHORI-321	2L	13883145	13963954
CH321-82M02	CHORI-321	3R	23272088	23352467
CH321-82M03	CHORI-321	2L	545872	647959
CH321-82M05	CHORI-321	2L	16176864	16263608
CH321-82M13	CHORI-321	3R	25145797	25220526
CH321-82M23	CHORI-321	3L	7013655	7070937
CH321-82N01	CHORI-321	2R	11283062	11374446
CH321-82N02	CHORI-321	2L	16112218	16188833
CH321-82N03	CHORI-321	2L	16295176	16388595
CH321-82N04	CHORI-321	3R	4047506	4151131
CH321-82N06	CHORI-321	3R	8085564	8163743
CH321-82N07	CHORI-321	X	282377	366982
CH321-82N10	CHORI-321	2R	13577478	13659557
CH321-82N11	CHORI-321	3L	20696253	20769722
CH321-82N14	CHORI-321	3R	9300989	9395945
CH321-82N15	CHORI-321	3L	10983505	11062654
CH321-82N17	CHORI-321	3R	3384966	3499439
CH321-82N20	CHORI-321	3L	12989399	13082500
CH321-82N23	CHORI-321	3L	21850346	21941288
CH321-82O02	CHORI-321	2R	19075911	19158098
CH321-82O04	CHORI-321	3R	22072619	22176867
CH321-82O06	CHORI-321	X	7672898	7771287
CH321-82O07	CHORI-321	3L	19379431	19454446
CH321-82O08	CHORI-321	3R	7729796	7826893
CH321-82O10	CHORI-321	3L	20035019	20126605
CH321-82O12	CHORI-321	X	13174008	13257768
CH321-82O13	CHORI-321	2L	15508575	15609461
CH321-82O17	CHORI-321	2R	18504495	18590372
CH321-82O18	CHORI-321	3R	12037682	12138541
CH321-82P03	CHORI-321	2L	15522031	15611604
CH321-82P04	CHORI-321	2L	7592361	7680799
CH321-82P07	CHORI-321	X	13578885	13672172
CH321-82P10	CHORI-321	3L	1344765	1433218
CH321-82P11	CHORI-321	3R	7399019	7497654
CH321-82P12	CHORI-321	2L	17775223	17860865
CH321-82P13	CHORI-321	X	9145155	9240444
CH321-82P14	CHORI-321	2R	8733142	8787493
CH321-82P16	CHORI-321	3R	8957291	9033317
CH321-83A01	CHORI-321	3L	3015797	3117650
CH321-83A02	CHORI-321	2R	4632236	4722950
CH321-83A03	CHORI-321	3R	10766220	10820259
CH321-83A04	CHORI-321	2R	20282665	20384384
CH321-83A05	CHORI-321	2L	10015268	10092045
CH321-83A07	CHORI-321	3L	12182472	12261394
CH321-83A09	CHORI-321	2R	19631719	19737215
CH321-83A10	CHORI-321	2L	14148393	14253691
CH321-83A11	CHORI-321	3R	13273032	13358961
CH321-83A14	CHORI-321	X	18070838	18152471
CH321-83A15	CHORI-321	2R	14681565	14775768

CH321-83A19	CHORI-321	X	4518095	4603111
CH321-83B01	CHORI-321	2L	12213811	12309736
CH321-83B03	CHORI-321	3L	2556500	2641855
CH321-83B04	CHORI-321	X	6528389	6625779
CH321-83B05	CHORI-321	X	7456798	7545787
CH321-83B07	CHORI-321	X	12385524	12466747
CH321-83B10	CHORI-321	X	4014365	4104331
CH321-83B19	CHORI-321	2R	11466775	11556634
CH321-83B21	CHORI-321	3L	14543224	14644723
CH321-83C02	CHORI-321	X	6331058	6422709
CH321-83C06	CHORI-321	2L	21954806	22033349
CH321-83C09	CHORI-321	3L	11114226	11196366
CH321-83C10	CHORI-321	X	19639822	19722982
CH321-83C12	CHORI-321	3R	5346184	5434581
CH321-83C13	CHORI-321	2L	8762341	8844756
CH321-83C15	CHORI-321	3R	15780186	15860570
CH321-83C20	CHORI-321	3L	18114865	18209757
CH321-83C24	CHORI-321	2R	3200101	3279856
CH321-83D01	CHORI-321	2L	14454017	14557674
CH321-83D04	CHORI-321	3R	3086980	3179164
CH321-83D07	CHORI-321	2L	5238541	5317575
CH321-83D13	CHORI-321	2R	15017897	15116133
CH321-83D14	CHORI-321	3R	17375443	17457792
CH321-83D18	CHORI-321	3R	14921849	15000900
CH321-83D22	CHORI-321	3R	15768996	15860570
CH321-83E04	CHORI-321	2L	21710135	21755428
CH321-83E05	CHORI-321	3L	11098303	11201593
CH321-83E21	CHORI-321	3L	13506982	13592883
CH321-83E22	CHORI-321	X	13264103	13351607
CH321-83F13	CHORI-321	2L	6939162	7019753
CH321-83F22	CHORI-321	2L	5557120	5641953
CH321-83F24	CHORI-321	3R	16587338	16672824
CH321-83G02	CHORI-321	2L	22470301	22558440
CH321-83G03	CHORI-321	X	9565277	9653361
CH321-83G16	CHORI-321	2R	9221538	9306663
CH321-83G20	CHORI-321	3L	4904443	4982683
CH321-83G21	CHORI-321	3R	12512776	12611100
CH321-83G22	CHORI-321	3R	15115204	15202493
CH321-83H01	CHORI-321	2L	17184949	17267806
CH321-83H02	CHORI-321	2R	9990312	10050058
CH321-83H16	CHORI-321	X	3267034	3356867
CH321-83H22	CHORI-321	2R	10842664	10922578
CH321-83I01	CHORI-321	2R	4905616	4999466
CH321-83I02	CHORI-321	2L	19379626	19464588
CH321-83J02	CHORI-321	2L	6394929	6488475
CH321-83J08	CHORI-321	X	5198863	5297858
CH321-83J12	CHORI-321	2R	531601	627297
CH321-83J13	CHORI-321	2R	3429342	3521560
CH321-83J14	CHORI-321	3R	10432330	10517282
CH321-83J20	CHORI-321	2R	14969082	15061608
CH321-83J21	CHORI-321	3R	2778160	2871271
CH321-83J24	CHORI-321	2L	20318216	20418228
CH321-83K01	CHORI-321	2R	9201032	9281247
CH321-83K02	CHORI-321	3L	12867609	12964704

CH321-83K03	CHORI-321	3R	27229332	27310465
CH321-83K07	CHORI-321	2L	8771480	8863953
CH321-83K15	CHORI-321	X	6302808	6384346
CH321-83K18	CHORI-321	3L	18006240	18101956
CH321-83K21	CHORI-321	2R	7075834	7170875
CH321-83K22	CHORI-321	3R	4498972	4584246
CH321-83K24	CHORI-321	2R	1962447	2068612
CH321-83L02	CHORI-321	2L	18922917	18973866
CH321-83L07	CHORI-321	4	608342	683384
CH321-83L13	CHORI-321	2R	852880	938276
CH321-83L14	CHORI-321	2R	11761690	11871825
CH321-83L20	CHORI-321	3R	24233297	24332077
CH321-83L21	CHORI-321	3L	19330824	19440487
CH321-83L22	CHORI-321	3L	10751472	10830013
CH321-83L23	CHORI-321	2L	17723300	17807025
CH321-83M02	CHORI-321	3L	2497754	2597772
CH321-83M04	CHORI-321	3L	6083178	6157292
CH321-83M15	CHORI-321	X	19264783	19359437
CH321-83M19	CHORI-321	3L	13658871	13751407
CH321-83M21	CHORI-321	2R	16768001	16878577
CH321-83M22	CHORI-321	2R	11737579	11827431
CH321-83N03	CHORI-321	3R	12962473	13063581
CH321-83N09	CHORI-321	2L	19559264	19636657
CH321-83N16	CHORI-321	X	19869405	19966501
CH321-83N18	CHORI-321	2R	8473852	8540211
CH321-83N19	CHORI-321	2L	1525475	1613750
CH321-83N21	CHORI-321	2L	4388086	4472328
CH321-83N22	CHORI-321	2R	10566424	10663052
CH321-83N23	CHORI-321	2L	12767570	12855254
CH321-83N24	CHORI-321	2L	2457408	2548067
CH321-83O01	CHORI-321	X	12387245	12478716
CH321-83O02	CHORI-321	X	2139440	2237150
CH321-83O03	CHORI-321	3R	5736589	5819044
CH321-83O07	CHORI-321	2R	1073401	1118281
CH321-83O09	CHORI-321	2R	14205595	14292693
CH321-83O17	CHORI-321	3R	24192535	24284664
CH321-83O18	CHORI-321	2R	4965809	5049564
CH321-83O19	CHORI-321	3R	12664961	12753077
CH321-83O21	CHORI-321	3L	21631445	21721428
CH321-83O22	CHORI-321	3L	22638624	22721975
CH321-83O23	CHORI-321	3R	5246221	5335336
CH321-83O24	CHORI-321	2L	6107324	6208278
CH321-83P01	CHORI-321	3L	10090464	10182488
CH321-83P02	CHORI-321	3R	19166786	19248862
CH321-83P03	CHORI-321	X	20544927	20640352
CH321-83P04	CHORI-321	2R	1695432	1795128
CH321-83P05	CHORI-321	3R	6496857	6583980
CH321-83P06	CHORI-321	3R	16911874	17006595
CH321-83P09	CHORI-321	2R	9311509	9396875
CH321-83P10	CHORI-321	2L	13614914	13700955
CH321-83P11	CHORI-321	3R	24751482	24846490
CH321-83P12	CHORI-321	X	19265385	19352724
CH321-83P14	CHORI-321	3R	13774732	13851492
CH321-83P18	CHORI-321	2L	2470459	2556687

CH321-83P19	CHORI-321	2L	18129952	18220367
CH321-83P20	CHORI-321	3L	3458141	3560107
CH321-83P21	CHORI-321	2R	18827413	18924090
CH321-83P22	CHORI-321	3R	332794	403134
CH321-83P23	CHORI-321	2R	19991590	20093339
CH321-83P24	CHORI-321	2L	8525225	8623763
CH321-84A02	CHORI-321	2R	11096996	11184737
CH321-84A03	CHORI-321	3L	12646616	12762685
CH321-84A04	CHORI-321	X	19019315	19071169
CH321-84A06	CHORI-321	2L	22166457	22270246
CH321-84A07	CHORI-321	2L	17119265	17209955
CH321-84A09	CHORI-321	2L	11936487	12015100
CH321-84A11	CHORI-321	3R	21734366	21832217
CH321-84A12	CHORI-321	2R	9679136	9736147
CH321-84A14	CHORI-321	3R	10783132	10895030
CH321-84A16	CHORI-321	3L	17176683	17245367
CH321-84A21	CHORI-321	2R	5554611	5637905
CH321-84A22	CHORI-321	2L	9239131	9342292
CH321-84A24	CHORI-321	3L	6630134	6715989
CH321-84B01	CHORI-321	ArmU	113495	201506
CH321-84B05	CHORI-321	3R	2713593	2798821
CH321-84B06	CHORI-321	3R	24493553	24575665
CH321-84B08	CHORI-321	2R	7595657	7683552
CH321-84B10	CHORI-321	2R	11110888	11199115
CH321-84B11	CHORI-321	2R	12553544	12656069
CH321-84B13	CHORI-321	X	9553507	9647660
CH321-84B17	CHORI-321	3L	16812201	16903166
CH321-84B18	CHORI-321	2R	16229118	16312271
CH321-84B21	CHORI-321	3L	14674722	14767337
CH321-84C02	CHORI-321	3R	5109557	5192173
CH321-84C05	CHORI-321	3L	16261053	16342584
CH321-84C09	CHORI-321	3L	10569055	10628047
CH321-84C11	CHORI-321	2L	9669203	9784064
CH321-84C13	CHORI-321	2L	18341585	18433253
CH321-84C14	CHORI-321	3L	17443320	17539628
CH321-84C16	CHORI-321	3L	22075821	22169466
CH321-84C18	CHORI-321	2L	20129181	20230794
CH321-84C19	CHORI-321	3R	786753	887576
CH321-84D03	CHORI-321	2R	9989927	10076936
CH321-84D06	CHORI-321	3L	15739821	15832117
CH321-84D08	CHORI-321	X	19277279	19373892
CH321-84D09	CHORI-321	3L	3664902	3743419
CH321-84D17	CHORI-321	2L	12136856	12200655
CH321-84D18	CHORI-321	2R	15180068	15267050
CH321-84D19	CHORI-321	3L	218840	306641
CH321-84D20	CHORI-321	3R	14122813	14217514
CH321-84D21	CHORI-321	3L	5755153	5845742
CH321-84E02	CHORI-321	X	18577623	18663601
CH321-84E04	CHORI-321	2R	18628092	18709776
CH321-84E05	CHORI-321	3R	5620130	5702692
CH321-84E08	CHORI-321	2L	22808162	22886262
CH321-84E12	CHORI-321	3R	18258157	18346796
CH321-84E15	CHORI-321	3R	21405540	21509566
CH321-84E20	CHORI-321	2L	3946629	4036580

CH321-84E21	CHORI-321	X	5906454	6008412
CH321-84F01	CHORI-321	X	7303434	7384826
CH321-84F05	CHORI-321	X	17302544	17375849
CH321-84F06	CHORI-321	3L	7967121	8041072
CH321-84F09	CHORI-321	3L	16922456	16999129
CH321-84F10	CHORI-321	3RHet	1835320	1894237
CH321-84F12	CHORI-321	3R	4635230	4725461
CH321-84F13	CHORI-321	2L	7473841	7558793
CH321-84F14	CHORI-321	2L	19271857	19364474
CH321-84F21	CHORI-321	2L	5280670	5364652
CH321-84F22	CHORI-321	3R	7708830	7800332
CH321-84G01	CHORI-321	3RHet	29076	86152
CH321-84G02	CHORI-321	2R	6898363	6983996
CH321-84G06	CHORI-321	3R	17976906	18037699
CH321-84G09	CHORI-321	3L	5384144	5459154
CH321-84G14	CHORI-321	2R	9001158	9085722
CH321-84G19	CHORI-321	X	17842918	17900921
CH321-84G20	CHORI-321	3R	14351388	14430750
CH321-84G21	CHORI-321	X	19715997	19779201
CH321-84H02	CHORI-321	3R	6704395	6786382
CH321-84H04	CHORI-321	3R	16165082	16245413
CH321-84H05	CHORI-321	2R	13494103	13597369
CH321-84H08	CHORI-321	X	9015665	9115342
CH321-84H09	CHORI-321	3R	11291231	11371573
CH321-84H19	CHORI-321	3R	3965332	4071042
CH321-84H20	CHORI-321	3L	2368854	2449570
CH321-84I06	CHORI-321	3L	14796578	14885432
CH321-84I13	CHORI-321	3R	5104946	5191157
CH321-84I14	CHORI-321	3L	19626359	19727914
CH321-84I18	CHORI-321	2L	13707070	13791070
CH321-84I21	CHORI-321	3R	9417574	9521423
CH321-84J01	CHORI-321	X	4710713	4789999
CH321-84J02	CHORI-321	X	7584429	7680840
CH321-84J03	CHORI-321	3R	2650388	2741387
CH321-84J04	CHORI-321	2L	11186128	11274457
CH321-84J08	CHORI-321	3L	3673667	3775575
CH321-84J12	CHORI-321	2R	7326251	7409745
CH321-84J13	CHORI-321	3R	20797234	20881548
CH321-84J19	CHORI-321	X	12183148	12282282
CH321-84J20	CHORI-321	2R	7532965	7613890
CH321-84J23	CHORI-321	2R	10928134	11020194
CH321-84K01	CHORI-321	X	16248840	16336721
CH321-84K02	CHORI-321	X	3474197	3563384
CH321-84K03	CHORI-321	3R	25986922	26068988
CH321-84K04	CHORI-321	3L	13753958	13846115
CH321-84K06	CHORI-321	3R	4186737	4288782
CH321-84K07	CHORI-321	3R	22115249	22214321
CH321-84K14	CHORI-321	2L	21613469	21689390
CH321-84K22	CHORI-321	3L	14346867	14428566
CH321-84K23	CHORI-321	2L	6166763	6255491
CH321-84L02	CHORI-321	X	6248876	6344206
CH321-84L06	CHORI-321	3R	11178977	11263412
CH321-84L07	CHORI-321	2L	9579236	9674908
CH321-84L08	CHORI-321	2R	3885692	3990715

CH321-84L10	CHORI-321	2R	10643053	10739554
CH321-84L18	CHORI-321	2R	20466516	20561566
CH321-84L19	CHORI-321	3L	18130060	18232122
CH321-84L23	CHORI-321	3R	15348246	15438404
CH321-84M02	CHORI-321	3L	16893438	16995414
CH321-84M03	CHORI-321	2L	6770351	6862088
CH321-84M04	CHORI-321	3R	23694169	23791620
CH321-84M05	CHORI-321	2R	9134081	9236798
CH321-84M07	CHORI-321	3L	23199081	23278947
CH321-84M09	CHORI-321	3L	10494284	10583449
CH321-84M10	CHORI-321	3R	1863065	1948546
CH321-84M15	CHORI-321	3L	14130390	14211280
CH321-84M19	CHORI-321	X	7214311	7294130
CH321-84M21	CHORI-321	2R	11651436	11695559
CH321-84N01	CHORI-321	2L	8252155	8308990
CH321-84N02	CHORI-321	2L	13695811	13782921
CH321-84N06	CHORI-321	2L	12211379	12309736
CH321-84N07	CHORI-321	2R	17115397	17212764
CH321-84N10	CHORI-321	3L	12805660	12880073
CH321-84N11	CHORI-321	X	444867	535857
CH321-84N12	CHORI-321	2L	6615485	6704146
CH321-84N14	CHORI-321	X	1572305	1650275
CH321-84N16	CHORI-321	2R	4400292	4487353
CH321-84N18	CHORI-321	2L	1726184	1824772
CH321-84N19	CHORI-321	3L	903209	995606
CH321-84N21	CHORI-321	2L	3854230	3942573
CH321-84N22	CHORI-321	3L	12130702	12233309
CH321-84O01	CHORI-321	3R	4580127	4621624
CH321-84O02	CHORI-321	X	16647252	16730730
CH321-84O07	CHORI-321	X	16326096	16408041
CH321-84O09	CHORI-321	3R	4387838	4500018
CH321-84O12	CHORI-321	X	14844481	14955063
CH321-84O15	CHORI-321	X	1572305	1650275
CH321-84O16	CHORI-321	3L	10253153	10358782
CH321-84O17	CHORI-321	3LHet	1643668	1719922
CH321-84O22	CHORI-321	2R	15256340	15347620
CH321-84P02	CHORI-321	3R	2066036	2154748
CH321-84P03	CHORI-321	3R	8393202	8485584
CH321-84P06	CHORI-321	2R	8542708	8650324
CH321-84P08	CHORI-321	3L	22997822	23085847
CH321-84P10	CHORI-321	X	957515	1033504
CH321-84P12	CHORI-321	2L	1705968	1801338
CH321-84P14	CHORI-321	X	8523872	8564509
CH321-84P15	CHORI-321	3R	14906234	14985480
CH321-84P16	CHORI-321	X	1444349	1550857
CH321-84P20	CHORI-321	2R	6679096	6772600
CH321-84P24	CHORI-321	3L	20633272	20723173
CH321-85A01	CHORI-321	3L	10434907	10532557
CH321-85A03	CHORI-321	3R	14484300	14586471
CH321-85A09	CHORI-321	4	355963	437997
CH321-85A10	CHORI-321	3R	1288266	1400457
CH321-85A13	CHORI-321	3R	9531090	9624154
CH321-85A18	CHORI-321	2R	11239434	11330388
CH321-85A21	CHORI-321	2L	12098789	12200265

CH321-85A22	CHORI-321	2R	8676074	8772297
CH321-85A23	CHORI-321	2L	4011159	4088357
CH321-85B02	CHORI-321	3R	3961518	4022929
CH321-85B04	CHORI-321	3R	3214360	3298377
CH321-85B05	CHORI-321	X	9774449	9856525
CH321-85B07	CHORI-321	2R	103880	186146
CH321-85B17	CHORI-321	3L	4939537	4991843
CH321-85B18	CHORI-321	2R	5786610	5886021
CH321-85B24	CHORI-321	3L	23636387	23728639
CH321-85C03	CHORI-321	3L	5113225	5192532
CH321-85C04	CHORI-321	3L	21037262	21127577
CH321-85C05	CHORI-321	X	17221462	17271285
CH321-85C06	CHORI-321	3R	24643579	24692968
CH321-85C10	CHORI-321	2L	22608699	22695241
CH321-85C14	CHORI-321	3R	9255111	9332152
CH321-85C15	CHORI-321	X	2636898	2712086
CH321-85C18	CHORI-321	3R	5646576	5748546
CH321-85C21	CHORI-321	3L	380384	442355
CH321-85C23	CHORI-321	3L	10816524	10907267
CH321-85D02	CHORI-321	3R	20869355	20923961
CH321-85D04	CHORI-321	2R	18630703	18721612
CH321-85D05	CHORI-321	2R	12270780	12367070
CH321-85D06	CHORI-321	3R	18354353	18463465
CH321-85D11	CHORI-321	3L	206728	292316
CH321-85D14	CHORI-321	3R	20138055	20230939
CH321-85D16	CHORI-321	3L	20445043	20550554
CH321-85D17	CHORI-321	3R	993841	1106669
CH321-85D18	CHORI-321	3LHet	989681	1056277
CH321-85D19	CHORI-321	2L	17842773	17934512
CH321-85D21	CHORI-321	3R	5006161	5089853
CH321-85D23	CHORI-321	2R	1895677	1984559
CH321-85E01	CHORI-321	3R	23183214	23271854
CH321-85E04	CHORI-321	3R	14624025	14686558
CH321-85E05	CHORI-321	X	7558378	7606694
CH321-85E06	CHORI-321	3L	9626504	9714094
CH321-85E09	CHORI-321	2R	9484177	9597000
CH321-85E11	CHORI-321	3L	961063	1052803
CH321-85E12	CHORI-321	2L	9329290	9428534
CH321-85E22	CHORI-321	3R	20141759	20231611
CH321-85E23	CHORI-321	3R	4266808	4364526
CH321-85E24	CHORI-321	3L	17313151	17401002
CH321-85F10	CHORI-321	2R	3034314	3139713
CH321-85F12	CHORI-321	3L	17834848	17915996
CH321-85F14	CHORI-321	3L	3466043	3561732
CH321-85F16	CHORI-321	X	16295186	16379109
CH321-85F19	CHORI-321	X	19245460	19354130
CH321-85F21	CHORI-321	2L	9344225	9436646
CH321-85G05	CHORI-321	2L	13459914	13541041
CH321-85G16	CHORI-321	3R	21358868	21450432
CH321-85G19	CHORI-321	3L	23631295	23714890
CH321-85G21	CHORI-321	3R	12052307	12135611
CH321-85G24	CHORI-321	X	17341010	17435733
CH321-85H03	CHORI-321	3R	16276821	16358041
CH321-85H06	CHORI-321	2R	15099600	15191015

CH321-85H15	CHORI-321	3L	19695468	19737440
CH321-85H16	CHORI-321	3L	17821238	17904077
CH321-85H19	CHORI-321	X	3948016	4047233
CH321-85H24	CHORI-321	3L	6059888	6164018
CH321-85I03	CHORI-321	2L	13865188	13920677
CH321-85I04	CHORI-321	3L	18038760	18129306
CH321-85I09	CHORI-321	X	17255096	17345649
CH321-85I13	CHORI-321	2L	8586085	8630171
CH321-85I20	CHORI-321	2R	675062	747545
CH321-85I22	CHORI-321	3L	21639991	21724659
CH321-85I23	CHORI-321	3L	18068689	18148691
CH321-85I24	CHORI-321	X	10862571	10943190
CH321-85J03	CHORI-321	3L	7859465	7932446
CH321-85J07	CHORI-321	2L	12317026	12398689
CH321-85J08	CHORI-321	3R	27809029	27869349
CH321-85J09	CHORI-321	3R	9767562	9852289
CH321-85J12	CHORI-321	2R	15048339	15124285
CH321-85J14	CHORI-321	3L	13770670	13856519
CH321-85J19	CHORI-321	3R	23416111	23513748
CH321-85J20	CHORI-321	3L	20810057	20912664
CH321-85K01	CHORI-321	3R	24244517	24329656
CH321-85K04	CHORI-321	X	6361840	6442115
CH321-85K07	CHORI-321	2L	2850764	2938930
CH321-85K10	CHORI-321	3L	21593073	21655391
CH321-85K17	CHORI-321	X	20199320	20285563
CH321-85K18	CHORI-321	2R	5292333	5384450
CH321-85K21	CHORI-321	3R	7811294	7916686
CH321-85K22	CHORI-321	3LHet	367312	459703
CH321-85K24	CHORI-321	2R	14522211	14626189
CH321-85L03	CHORI-321	2L	19380969	19478432
CH321-85L06	CHORI-321	2L	14616706	14704285
CH321-85L08	CHORI-321	2R	3138705	3234021
CH321-85L09	CHORI-321	3L	21480027	21558952
CH321-85L10	CHORI-321	X	7321983	7384640
CH321-85L11	CHORI-321	X	10033922	10125863
CH321-85L13	CHORI-321	X	15061191	15144557
CH321-85L14	CHORI-321	3R	16126271	16225894
CH321-85L16	CHORI-321	2L	20833766	20930312
CH321-85L18	CHORI-321	3R	16232164	16326660
CH321-85M01	CHORI-321	3R	2751293	2832046
CH321-85M02	CHORI-321	X	11635112	11683000
CH321-85M06	CHORI-321	3R	13395041	13474431
CH321-85M14	CHORI-321	3R	21865657	21928530
CH321-85M19	CHORI-321	3R	8381679	8458243
CH321-85M21	CHORI-321	3L	18667704	18764688
CH321-85N02	CHORI-321	X	13921638	14016463
CH321-85N05	CHORI-321	2L	20464795	20545052
CH321-85N06	CHORI-321	2L	5438212	5526506
CH321-85N07	CHORI-321	2R	356057	427288
CH321-85N09	CHORI-321	X	12413947	12488065
CH321-85N19	CHORI-321	3L	18125712	18212121
CH321-85N20	CHORI-321	2L	16633622	16726127
CH321-85N21	CHORI-321	X	8698489	8785652
CH321-85N22	CHORI-321	3L	12707705	12801501

CH321-85N24	CHORI-321	3L	7810478	7893145
CH321-85O03	CHORI-321	2L	15935294	16025713
CH321-85O09	CHORI-321	3R	5061144	5151490
CH321-85O11	CHORI-321	3R	22090828	22184233
CH321-85O14	CHORI-321	X	12377449	12472434
CH321-85O16	CHORI-321	3R	23534515	23617908
CH321-85O21	CHORI-321	X	6264032	6350847
CH321-85O24	CHORI-321	X	12848086	12953695
CH321-85P01	CHORI-321	3L	9229332	9326603
CH321-85P03	CHORI-321	X	18465463	18544208
CH321-85P05	CHORI-321	3L	6523979	6601442
CH321-85P06	CHORI-321	3L	9143004	9228648
CH321-85P10	CHORI-321	X	14374031	14476699
CH321-85P12	CHORI-321	2L	18267493	18358552
CH321-85P13	CHORI-321	2L	16507018	16586734
CH321-85P15	CHORI-321	X	11913677	12013130
CH321-85P17	CHORI-321	X	4582421	4697579
CH321-85P18	CHORI-321	2L	2028650	2127602
CH321-85P19	CHORI-321	3L	21495441	21601878
CH321-85P20	CHORI-321	3R	13143575	13234550
CH321-85P24	CHORI-321	3L	4466633	4555216
CH321-86A02	CHORI-321	4	1172675	1216194
CH321-86A03	CHORI-321	2L	21344919	21417949
CH321-86A04	CHORI-321	X	18554533	18646270
CH321-86A06	CHORI-321	3L	12047664	12159820
CH321-86A07	CHORI-321	2R	13438639	13533327
CH321-86A08	CHORI-321	2R	12363673	12446994
CH321-86A09	CHORI-321	2R	14193092	14282442
CH321-86A10	CHORI-321	X	18417070	18499054
CH321-86A12	CHORI-321	2R	17301021	17382757
CH321-86A13	CHORI-321	3L	13735963	13830964
CH321-86A15	CHORI-321	3R	1064719	1157515
CH321-86A17	CHORI-321	3L	24069934	24138837
CH321-86A18	CHORI-321	2R	4081707	4171021
CH321-86A19	CHORI-321	2R	4271003	4366380
CH321-86A20	CHORI-321	2R	16973165	17075239
CH321-86A21	CHORI-321	2L	21922473	22009824
CH321-86A22	CHORI-321	3R	23319628	23429869
CH321-86A23	CHORI-321	3R	4235471	4312104
CH321-86B01	CHORI-321	2R	1072872	1160209
CH321-86B02	CHORI-321	X	5428794	5516733
CH321-86B03	CHORI-321	X	18421826	18518019
CH321-86B05	CHORI-321	X	6776648	6860501
CH321-86B07	CHORI-321	3L	23109331	23194130
CH321-86B08	CHORI-321	3R	7640374	7722607
CH321-86B11	CHORI-321	X	14782303	14876384
CH321-86B12	CHORI-321	2L	19950736	20059704
CH321-86B14	CHORI-321	3L	14544449	14632849
CH321-86B15	CHORI-321	2R	20060670	20147779
CH321-86B19	CHORI-321	2L	5694849	5778736
CH321-86B20	CHORI-321	2L	1225681	1311170
CH321-86B21	CHORI-321	3R	1787126	1881064
CH321-86B23	CHORI-321	2R	5606545	5693907
CH321-86B24	CHORI-321	2L	16810509	16893483

CH321-86C03	CHORI-321	X	20637943	20709237
CH321-86C04	CHORI-321	X	14483302	14562494
CH321-86C06	CHORI-321	X	16657958	16753618
CH321-86C10	CHORI-321	3L	13297389	13378323
CH321-86C14	CHORI-321	2R	5873993	5963483
CH321-86C15	CHORI-321	2L	9215693	9303752
CH321-86C21	CHORI-321	3R	24972227	25062861
CH321-86C22	CHORI-321	3R	8207753	8289924
CH321-86C23	CHORI-321	3R	24409568	24482341
CH321-86D01	CHORI-321	3R	4421015	4504340
CH321-86D04	CHORI-321	3L	12404799	12478136
CH321-86D11	CHORI-321	3R	19350970	19449957
CH321-86D16	CHORI-321	3L	22145061	22239456
CH321-86D20	CHORI-321	2L	19071283	19113570
CH321-86D21	CHORI-321	2R	12229058	12314205
CH321-86D23	CHORI-321	2L	14170362	14275744
CH321-86E01	CHORI-321	3R	3248209	3335826
CH321-86E03	CHORI-321	2L	7390378	7471926
CH321-86E04	CHORI-321	3R	13245498	13321026
CH321-86E08	CHORI-321	3L	19613830	19683450
CH321-86E12	CHORI-321	3R	4422405	4501392
CH321-86E17	CHORI-321	3L	12863592	12958483
CH321-86E19	CHORI-321	3R	2594219	2698114
CH321-86E24	CHORI-321	3R	7755163	7835499
CH321-86F01	CHORI-321	3L	20267299	20355167
CH321-86F02	CHORI-321	4	381361	461967
CH321-86F03	CHORI-321	3L	8496910	8579905
CH321-86F08	CHORI-321	3R	5448513	5557056
CH321-86F12	CHORI-321	2R	11120014	11211760
CH321-86F13	CHORI-321	X	21436635	21520305
CH321-86F14	CHORI-321	2L	449271	534439
CH321-86F17	CHORI-321	3R	12063392	12150682
CH321-86F18	CHORI-321	3R	19699096	19797390
CH321-86F24	CHORI-321	3R	6505635	6606020
CH321-86G03	CHORI-321	3R	10872950	10959067
CH321-86G13	CHORI-321	X	9000439	9083547
CH321-86G19	CHORI-321	3R	18597000	18686465
CH321-86H04	CHORI-321	3R	23753668	23846523
CH321-86H07	CHORI-321	3L	4462777	4552266
CH321-86H10	CHORI-321	2R	11779479	11880894
CH321-86H12	CHORI-321	2R	4687727	4787040
CH321-86H17	CHORI-321	2RHet	777437	865827
CH321-86H24	CHORI-321	2R	10870383	10967071
CH321-86I06	CHORI-321	2R	13171956	13272629
CH321-86I07	CHORI-321	2R	4144352	4239995
CH321-86I09	CHORI-321	3L	13011684	13110083
CH321-86I11	CHORI-321	3L	9701321	9794534
CH321-86I12	CHORI-321	3L	15301267	15396331
CH321-86I13	CHORI-321	2L	1500964	1595461
CH321-86I22	CHORI-321	2R	14125519	14214945
CH321-86I24	CHORI-321	2R	3602683	3691462
CH321-86J10	CHORI-321	3R	22351008	22448429
CH321-86J12	CHORI-321	X	4964039	5056947
CH321-86J13	CHORI-321	3L	22382139	22460057

CH321-86J14	CHORI-321	2R	19013023	19092624
CH321-86J22	CHORI-321	2L	20896937	20978644
CH321-86K01	CHORI-321	3L	14070087	14169231
CH321-86K02	CHORI-321	2L	16347042	16442189
CH321-86K03	CHORI-321	2L	22742158	22832839
CH321-86K06	CHORI-321	2R	5088754	5177516
CH321-86K14	CHORI-321	3L	7824679	7905697
CH321-86K15	CHORI-321	3R	23095341	23180882
CH321-86K23	CHORI-321	2L	10748758	10841234
CH321-86K24	CHORI-321	2R	6499476	6546717
CH321-86L02	CHORI-321	3R	1655099	1744695
CH321-86L06	CHORI-321	2L	3343819	3424436
CH321-86L07	CHORI-321	2L	15892845	15987846
CH321-86L10	CHORI-321	2RHet	903267	985569
CH321-86L16	CHORI-321	X	9356150	9450149
CH321-86L20	CHORI-321	X	14348093	14453738
CH321-86M01	CHORI-321	3R	24183508	24260299
CH321-86M02	CHORI-321	2L	14961185	15057863
CH321-86M04	CHORI-321	3R	19181146	19257602
CH321-86M05	CHORI-321	2R	4048976	4148582
CH321-86M13	CHORI-321	3L	20264272	20353035
CH321-86M14	CHORI-321	3L	20487276	20564330
CH321-86M19	CHORI-321	3L	4885607	4981099
CH321-86M21	CHORI-321	2R	9282563	9375763
CH321-86M23	CHORI-321	3R	13114571	13215625
CH321-86N01	CHORI-321	3R	3759933	3849606
CH321-86N02	CHORI-321	2R	9424577	9499347
CH321-86N04	CHORI-321	2R	16121216	16212070
CH321-86N05	CHORI-321	2R	19150549	19237124
CH321-86N13	CHORI-321	3R	6821702	6934955
CH321-86N14	CHORI-321	2L	17375616	17434961
CH321-86N22	CHORI-321	3L	12811407	12905553
CH321-86N23	CHORI-321	2L	4411951	4519787
CH321-86N24	CHORI-321	2L	9646705	9732046
CH321-86O01	CHORI-321	2L	19097443	19187562
CH321-86O02	CHORI-321	3R	24600707	24689608
CH321-86O03	CHORI-321	X	15934198	16018306
CH321-86O04	CHORI-321	2L	3941685	4023676
CH321-86O14	CHORI-321	2L	7138320	7218995
CH321-86O15	CHORI-321	3R	5874616	5963482
CH321-86O16	CHORI-321	X	4072231	4163916
CH321-86O18	CHORI-321	3L	15216860	15314539
CH321-86O21	CHORI-321	3L	6833928	6919777
CH321-86O22	CHORI-321	2L	12287600	12393869
CH321-86O24	CHORI-321	3L	13545769	13629845
CH321-86P04	CHORI-321	3R	10729313	10811739
CH321-86P05	CHORI-321	3L	3009888	3089068
CH321-86P09	CHORI-321	X	20955375	21007412
CH321-86P10	CHORI-321	2R	7464808	7510356
CH321-86P15	CHORI-321	3L	8970760	9068038
CH321-86P16	CHORI-321	2R	16026079	16115370
CH321-86P18	CHORI-321	3R	282551	358100
CH321-86P22	CHORI-321	3R	19336461	19425772
CH321-86P24	CHORI-321	3R	8402856	8505406

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CH321-87A03	CHORI-321	2R	9156466	9241772
CH321-87A05	CHORI-321	3R	21228456	21315223
CH321-87A06	CHORI-321	3LHet	913883	964074
CH321-87A07	CHORI-321	3L	15698831	15783185
CH321-87A08	CHORI-321	2R	774598	852101
CH321-87A10	CHORI-321	3L	11059392	11159637
CH321-87A11	CHORI-321	3L	1051375	1142647
CH321-87A14	CHORI-321	3L	6594745	6677362
CH321-87A18	CHORI-321	2RHet	1256931	1333952
CH321-87A20	CHORI-321	3R	13268333	13358961
CH321-87A23	CHORI-321	2R	11752602	11853496
CH321-87A24	CHORI-321	2L	4940771	5045941
CH321-87B01	CHORI-321	2R	5140604	5242077
CH321-87B03	CHORI-321	3L	5347306	5433933
CH321-87B05	CHORI-321	2L	8586097	8679841
CH321-87B06	CHORI-321	3R	25004068	25087179
CH321-87B07	CHORI-321	2L	17857474	17931461
CH321-87B08	CHORI-321	3R	11808679	11900720
CH321-87B10	CHORI-321	2R	5953226	6027079
CH321-87B12	CHORI-321	3L	8808302	8893364
CH321-87B13	CHORI-321	2L	15557842	15646211
CH321-87B15	CHORI-321	2R	10653987	10761818
CH321-87B17	CHORI-321	3R	2020694	2111668
CH321-87B19	CHORI-321	3L	7776554	7859881
CH321-87B21	CHORI-321	2L	11619054	11713989
CH321-87B22	CHORI-321	3L	13303537	13393747
CH321-87C01	CHORI-321	X	9956622	10032432
CH321-87C03	CHORI-321	2L	16612439	16707054
CH321-87C05	CHORI-321	2R	10138874	10234829
CH321-87C09	CHORI-321	3R	22589560	22681661
CH321-87C13	CHORI-321	2R	1901832	1982019
CH321-87C15	CHORI-321	2L	18190571	18277479
CH321-87C17	CHORI-321	3R	17891993	17944829
CH321-87C21	CHORI-321	3R	3618367	3702385
CH321-87C22	CHORI-321	X	13639558	13722555
CH321-87D01	CHORI-321	2R	7928637	8013772
CH321-87D03	CHORI-321	3R	15057975	15163521
CH321-87D04	CHORI-321	3L	21625695	21726058
CH321-87D05	CHORI-321	2L	15480443	15542839
CH321-87D07	CHORI-321	3L	15431263	15528902
CH321-87D09	CHORI-321	3L	15230249	15348090
CH321-87D15	CHORI-321	3L	5368482	5460243
CH321-87D21	CHORI-321	2L	7087016	7189631
CH321-87D23	CHORI-321	3R	20940591	21021784
CH321-87D24	CHORI-321	3R	6484203	6575487
CH321-87E02	CHORI-321	2R	12354180	12423272
CH321-87E03	CHORI-321	X	10986261	11096302
CH321-87E04	CHORI-321	3R	5094893	5181390
CH321-87E06	CHORI-321	3L	16117565	16224346
CH321-87E08	CHORI-321	3R	16467535	16561955
CH321-87E12	CHORI-321	3L	16358192	16447952
CH321-87E18	CHORI-321	3L	2786724	2867841
CH321-87E19	CHORI-321	2L	16142241	16184564

CH321-87E20	CHORI-321	X	18098629	18174090
CH321-87E24	CHORI-321	2L	20642432	20735469
CH321-87F01	CHORI-321	3R	17522695	17614162
CH321-87F02	CHORI-321	3L	16728812	16827621
CH321-87F04	CHORI-321	2L	14256777	14352544
CH321-87F12	CHORI-321	2L	18344320	18426347
CH321-87G09	CHORI-321	3R	25993864	26092269
CH321-87G13	CHORI-321	3R	12477540	12567661
CH321-87G22	CHORI-321	2L	10745346	10848779
CH321-87G23	CHORI-321	3R	17957287	18058487
CH321-87H04	CHORI-321	X	20338156	20429600
CH321-87H05	CHORI-321	3R	12957666	13043237
CH321-87H09	CHORI-321	3L	18361609	18432828
CH321-87H12	CHORI-321	2R	4054772	4139034
CH321-87H17	CHORI-321	3L	6388569	6483271
CH321-87H19	CHORI-321	3R	7556325	7640380
CH321-87H23	CHORI-321	3L	10459928	10537575
CH321-87I08	CHORI-321	ArmU	1317147	1401102
CH321-87I09	CHORI-321	2L	3998155	4062657
CH321-87I12	CHORI-321	3R	18531887	18629314
CH321-87I13	CHORI-321	X	17620599	17701641
CH321-87I15	CHORI-321	2L	17870322	17950358
CH321-87I21	CHORI-321	2R	15364845	15469964
CH321-87I22	CHORI-321	2R	15897501	15992705
CH321-87I23	CHORI-321	3R	19945831	20043274
CH321-87J13	CHORI-321	2R	9827903	9928657
CH321-87J14	CHORI-321	X	17140977	17229186
CH321-87J17	CHORI-321	2L	11054726	11151517
CH321-87J20	CHORI-321	3R	6516753	6608486
CH321-87J22	CHORI-321	3L	151692	262292
CH321-87J23	CHORI-321	3R	22021977	22096054
CH321-87K01	CHORI-321	X	12330021	12410916
CH321-87K03	CHORI-321	2L	5919065	6004440
CH321-87K04	CHORI-321	3L	8710710	8812038
CH321-87K05	CHORI-321	3L	19009323	19102292
CH321-87K07	CHORI-321	3L	13320048	13411696
CH321-87K10	CHORI-321	2R	15331030	15415815
CH321-87K11	CHORI-321	2R	6188115	6297073
CH321-87K13	CHORI-321	2R	10249854	10333498
CH321-87K17	CHORI-321	3L	10480530	10566564
CH321-87K20	CHORI-321	2R	1607491	1702597
CH321-87K21	CHORI-321	3R	26535962	26625138
CH321-87K22	CHORI-321	3R	15348246	15441901
CH321-87L01	CHORI-321	3R	8591314	8670086
CH321-87L02	CHORI-321	X	18793484	18879987
CH321-87L03	CHORI-321	3R	18101702	18200110
CH321-87L05	CHORI-321	2L	16107333	16178032
CH321-87L10	CHORI-321	3L	8067529	8153701
CH321-87L11	CHORI-321	3RHet	797764	884140
CH321-87L13	CHORI-321	2L	19864601	19967647
CH321-87L14	CHORI-321	3L	4706156	4801268
CH321-87L16	CHORI-321	2L	18604835	18712393
CH321-87L18	CHORI-321	3RHet	821494	907009
CH321-87L19	CHORI-321	3R	3211254	3308657

CH321-87L21	CHORI-321	2R	3696741	3794244
CH321-87L22	CHORI-321	2L	7103871	7190465
CH321-87L23	CHORI-321	3L	15230142	15312059
CH321-87M02	CHORI-321	3R	19760133	19863612
CH321-87M05	CHORI-321	2L	1224388	1311516
CH321-87M06	CHORI-321	2R	9309046	9392349
CH321-87M07	CHORI-321	3L	975129	1060786
CH321-87M09	CHORI-321	X	4665289	4744981
CH321-87M10	CHORI-321	3R	15204117	15292120
CH321-87M13	CHORI-321	3L	9449973	9528675
CH321-87M15	CHORI-321	3L	20256514	20348286
CH321-87M16	CHORI-321	3L	5128543	5233041
CH321-87M17	CHORI-321	3L	7394069	7491012
CH321-87M19	CHORI-321	2R	16340776	16422279
CH321-87N04	CHORI-321	3L	14316069	14396738
CH321-87N06	CHORI-321	X	7215911	7305539
CH321-87N09	CHORI-321	2R	4967669	5053854
CH321-87N18	CHORI-321	2L	21024080	21127846
CH321-87N19	CHORI-321	3R	10153948	10233877
CH321-87N20	CHORI-321	3R	3985946	4073650
CH321-87N22	CHORI-321	2R	13418688	13511246
CH321-87O01	CHORI-321	3L	18361657	18438950
CH321-87O02	CHORI-321	2R	4344166	4443347
CH321-87O05	CHORI-321	3R	27678725	27765803
CH321-87O09	CHORI-321	3R	19350455	19454271
CH321-87O11	CHORI-321	3L	8410686	8493364
CH321-87O16	CHORI-321	2R	5990613	6082904
CH321-87O20	CHORI-321	3L	20888921	20988638
CH321-87O21	CHORI-321	2R	4352753	4443908
CH321-87O24	CHORI-321	X	8167175	8265439
CH321-87P01	CHORI-321	3R	3997367	4097364
CH321-87P03	CHORI-321	3L	10135096	10213027
CH321-87P07	CHORI-321	3R	156365	249991
CH321-87P10	CHORI-321	3L	16250702	16317707
CH321-87P12	CHORI-321	2R	20370573	20462528
CH321-87P15	CHORI-321	X	19896221	19995726
CH321-87P16	CHORI-321	3L	2837499	2935066
CH321-87P18	CHORI-321	3R	14304274	14397584
CH321-87P19	CHORI-321	2R	8859150	8959998
CH321-87P20	CHORI-321	2L	8578816	8670328
CH321-87P21	CHORI-321	2L	7906072	8008641
CH321-87P22	CHORI-321	2L	17626654	17717900
CH321-88A02	CHORI-321	2R	3666138	3744163
CH321-88A03	CHORI-321	3R	25410219	25506041
CH321-88A04	CHORI-321	2R	15232181	15318312
CH321-88A06	CHORI-321	2L	3124005	3219880
CH321-88A09	CHORI-321	2R	13466227	13554954
CH321-88A10	CHORI-321	3L	11804814	11883243
CH321-88A12	CHORI-321	2L	12451980	12534965
CH321-88A14	CHORI-321	4	1054507	1134932
CH321-88A15	CHORI-321	3L	13044199	13127540
CH321-88A16	CHORI-321	X	3224568	3296675
CH321-88A17	CHORI-321	2L	20015366	20102822
CH321-88A23	CHORI-321	2L	8305889	8387280

CH321-88A24	CHORI-321	2L	12226023	12309736
CH321-88B01	CHORI-321	2R	17882573	17970638
CH321-88B03	CHORI-321	3R	23792515	23888954
CH321-88B05	CHORI-321	2L	5995788	6090579
CH321-88B06	CHORI-321	2L	9426186	9516010
CH321-88B09	CHORI-321	3L	18480377	18576477
CH321-88B10	CHORI-321	2L	17203650	17296052
CH321-88B11	CHORI-321	3L	14226780	14320675
CH321-88B15	CHORI-321	3L	1935297	2040597
CH321-88B17	CHORI-321	3L	14816111	14902651
CH321-88B21	CHORI-321	3R	24209901	24296687
CH321-88B22	CHORI-321	2L	17311442	17391981
CH321-88B24	CHORI-321	3R	6532354	6611935
CH321-88C01	CHORI-321	2L	4380454	4465168
CH321-88C02	CHORI-321	3R	14907624	14996866
CH321-88C03	CHORI-321	X	8583815	8670578
CH321-88C08	CHORI-321	2R	12751823	12842283
CH321-88C10	CHORI-321	3L	15841164	15921462
CH321-88C11	CHORI-321	2L	7759166	7847920
CH321-88C15	CHORI-321	2L	13916699	13997134
CH321-88C16	CHORI-321	3L	3302155	3385954
CH321-88C18	CHORI-321	3L	20124401	20237231
CH321-88C21	CHORI-321	2L	7396972	7473678
CH321-88C22	CHORI-321	3L	10143064	10219872
CH321-88C24	CHORI-321	3LHet	1190735	1275029
CH321-88D01	CHORI-321	3R	24781166	24876754
CH321-88D05	CHORI-321	2R	4265320	4344289
CH321-88D06	CHORI-321	X	12812265	12888388
CH321-88D07	CHORI-321	2L	2994552	3090529
CH321-88D08	CHORI-321	2L	13699280	13781587
CH321-88D11	CHORI-321	2R	7696876	7762995
CH321-88D13	CHORI-321	3R	14867425	14986246
CH321-88D14	CHORI-321	3R	24576060	24669041
CH321-88D17	CHORI-321	3L	14950319	15054330
CH321-88D21	CHORI-321	X	12694206	12785700
CH321-88E01	CHORI-321	3R	15304611	15405617
CH321-88E02	CHORI-321	2L	18016032	18094391
CH321-88E05	CHORI-321	3L	1872581	1965361
CH321-88E07	CHORI-321	3L	14088381	14180759
CH321-88E12	CHORI-321	2R	20301082	20376727
CH321-88E21	CHORI-321	2L	14768654	14856650
CH321-88F01	CHORI-321	2L	5501915	5589600
CH321-88F03	CHORI-321	3R	23889960	23973576
CH321-88F06	CHORI-321	3L	15617597	15698969
CH321-88F07	CHORI-321	3R	1291718	1377983
CH321-88F08	CHORI-321	2L	16452766	16537153
CH321-88F13	CHORI-321	2R	6877238	6962724
CH321-88F21	CHORI-321	2R	10903316	10983361
CH321-88F22	CHORI-321	3L	9090137	9166024
CH321-88G02	CHORI-321	3R	1277633	1380949
CH321-88G03	CHORI-321	2L	19816822	19891290
CH321-88G10	CHORI-321	X	20197956	20284114
CH321-88G14	CHORI-321	3L	9338700	9433847
CH321-88G16	CHORI-321	2R	16719101	16796443

CH321-88G19	CHORI-321	3L	14621742	14721043
CH321-88G20	CHORI-321	2R	11928214	12020192
CH321-88G23	CHORI-321	3L	12330345	12409635
CH321-88H02	CHORI-321	2L	10013409	10097968
CH321-88H07	CHORI-321	3L	14032365	14142147
CH321-88H09	CHORI-321	3L	17255473	17351669
CH321-88H12	CHORI-321	2RHet	133161	173902
CH321-88H14	CHORI-321	2R	14505712	14596423
CH321-88H19	CHORI-321	3L	7797621	7898190
CH321-88I04	CHORI-321	2L	8203294	8296054
CH321-88I08	CHORI-321	3L	10534372	10618193
CH321-88I09	CHORI-321	3L	7773844	7858538
CH321-88I12	CHORI-321	3LHet	498575	597958
CH321-88I13	CHORI-321	3L	14467520	14562704
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CH321-88J01	CHORI-321	2R	5799472	5884162
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CH321-88J16	CHORI-321	2L	13735958	13842542
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CH321-88J22	CHORI-321	2L	16991229	17074481
CH321-88K01	CHORI-321	3L	910065	991806
CH321-88K02	CHORI-321	3R	16155374	16228429
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CH321-88K07	CHORI-321	X	15686914	15791136
CH321-88K10	CHORI-321	X	3241349	3329929
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CH321-88K15	CHORI-321	3L	23152289	23249213
CH321-88K19	CHORI-321	3L	21162835	21257329
CH321-88K21	CHORI-321	3R	5395630	5497785
CH321-88K22	CHORI-321	3R	1038091	1117291
CH321-88L01	CHORI-321	2R	7051041	7140747
CH321-88L02	CHORI-321	3L	18992082	19082412
CH321-88L04	CHORI-321	2R	4881718	4969930
CH321-88L05	CHORI-321	2R	4547642	4652071
CH321-88L07	CHORI-321	2L	10309891	10394099
CH321-88L10	CHORI-321	3LHet	1316524	1411313
CH321-88L11	CHORI-321	3R	9730121	9829337
CH321-88L12	CHORI-321	3L	20705801	20794817
CH321-88L14	CHORI-321	3R	14410220	14507751
CH321-88L15	CHORI-321	2R	8445121	8537810
CH321-88L22	CHORI-321	2L	10999574	11089919
CH321-88M01	CHORI-321	3L	18305223	18416043
CH321-88M02	CHORI-321	2R	13374826	13474885
CH321-88M03	CHORI-321	X	9944230	10049699
CH321-88M06	CHORI-321	3R	198616	282554
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CH321-88M09	CHORI-321	3L	12267100	12359790
CH321-88M10	CHORI-321	3L	9090295	9135949
CH321-88M14	CHORI-321	2L	12107857	12201566

CH321-88M15	CHORI-321	X	21074684	21171463
CH321-88M17	CHORI-321	2R	18739830	18838183
CH321-88M19	CHORI-321	2R	5196172	5281867
CH321-88M22	CHORI-321	3R	48670	134195
CH321-88M23	CHORI-321	3L	9113802	9202664
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CH321-88N04	CHORI-321	3LHet	627895	729052
CH321-88N08	CHORI-321	3R	16191834	16296372
CH321-88N09	CHORI-321	3L	15477810	15567052
CH321-88N10	CHORI-321	2L	15382687	15471949
CH321-88N13	CHORI-321	2L	5475481	5533321
CH321-88N14	CHORI-321	3L	1772920	1869402
CH321-88N15	CHORI-321	X	20697356	20789699
CH321-88N16	CHORI-321	2L	10771206	10843342
CH321-88N18	CHORI-321	2R	18780000	18872424
CH321-88N22	CHORI-321	2L	9539894	9644504
CH321-88N23	CHORI-321	2R	8783842	8871932
CH321-88N24	CHORI-321	2L	10058081	10139024
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CH321-88O02	CHORI-321	3R	2926930	3021695
CH321-88O06	CHORI-321	3L	12809328	12900039
CH321-88O07	CHORI-321	3R	20774163	20871245
CH321-88O08	CHORI-321	3R	11292240	11375543
CH321-88O09	CHORI-321	3RHet	127125	210468
CH321-88O10	CHORI-321	3R	1897432	1981853
CH321-88O11	CHORI-321	3R	3476283	3561087
CH321-88O13	CHORI-321	2L	5548541	5649965
CH321-88O15	CHORI-321	3L	18361622	18441392
CH321-88O17	CHORI-321	3L	24187918	24269323
CH321-88O20	CHORI-321	3L	8767481	8854096
CH321-88O21	CHORI-321	3L	17935420	18035371
CH321-88O23	CHORI-321	3R	5744270	5834039
CH321-88P01	CHORI-321	2L	20693918	20787194
CH321-88P02	CHORI-321	2L	13800673	13888147
CH321-88P03	CHORI-321	2R	12246380	12322849
CH321-88P05	CHORI-321	3L	21727227	21821515
CH321-88P06	CHORI-321	X	838421	942278
CH321-88P07	CHORI-321	2L	22477549	22560532
CH321-88P08	CHORI-321	3L	10259087	10342645
CH321-88P10	CHORI-321	3L	19523963	19598186
CH321-88P11	CHORI-321	X	9534381	9613902
CH321-88P12	CHORI-321	3R	11341098	11432783
CH321-88P13	CHORI-321	2L	17085057	17170197
CH321-88P14	CHORI-321	3R	25320743	25415852
CH321-88P17	CHORI-321	2R	1085793	1187160
CH321-88P18	CHORI-321	3R	1089233	1160373
CH321-88P19	CHORI-321	3R	18622681	18668350
CH321-88P20	CHORI-321	2L	2593409	2670345
CH321-88P22	CHORI-321	3L	306056	407302
CH321-88P24	CHORI-321	2R	13491554	13576424
CH321-89A02	CHORI-321	3R	23047655	23153420
CH321-89A04	CHORI-321	3L	19166491	19247674
CH321-89A05	CHORI-321	3R	11449425	11531180
CH321-89A08	CHORI-321	2L	15781284	15835419

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CH321-89A10	CHORI-321	2L	17798827	17885892
CH321-89A12	CHORI-321	2L	19410981	19490709
CH321-89A13	CHORI-321	3L	13100273	13183720
CH321-89A14	CHORI-321	2R	6722829	6813894
CH321-89A20	CHORI-321	3L	520524	606633
CH321-89A23	CHORI-321	2L	19485701	19575939
CH321-89B02	CHORI-321	X	20295889	20387083
CH321-89B03	CHORI-321	3R	1560022	1652382
CH321-89B04	CHORI-321	2RHet	372118	459146
CH321-89B05	CHORI-321	3R	11101567	11180429
CH321-89B07	CHORI-321	2L	4984423	5079869
CH321-89B08	CHORI-321	2L	12339509	12435023
CH321-89B11	CHORI-321	3L	5668053	5749853
CH321-89B14	CHORI-321	2L	9511562	9592698
CH321-89B19	CHORI-321	2L	6383796	6490527
CH321-89B20	CHORI-321	2L	18973213	19076288
CH321-89B21	CHORI-321	3L	13640103	13735966
CH321-89B22	CHORI-321	2L	15106304	15204185
CH321-89B23	CHORI-321	2R	11097832	11199448
CH321-89B24	CHORI-321	3L	3506572	3595609
CH321-89C02	CHORI-321	3R	3525991	3597180
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CH321-89C06	CHORI-321	3L	19350399	19457050
CH321-89C11	CHORI-321	3R	20245446	20354803
CH321-89C12	CHORI-321	2R	4645266	4739948
CH321-89C13	CHORI-321	3R	9606022	9707201
CH321-89C14	CHORI-321	2L	8478654	8578508
CH321-89C15	CHORI-321	3R	2441194	2540123
CH321-89C19	CHORI-321	2L	1639805	1734786
CH321-89C20	CHORI-321	3R	12665079	12752106
CH321-89C21	CHORI-321	3R	19133425	19232725
CH321-89C23	CHORI-321	2L	20898769	20973498
CH321-89C24	CHORI-321	3R	19541716	19639744
CH321-89D02	CHORI-321	2L	9645057	9750311
CH321-89D04	CHORI-321	3L	7244520	7335625
CH321-89D06	CHORI-321	3L	22106841	22202683
CH321-89D09	CHORI-321	X	15265737	15348201
CH321-89D16	CHORI-321	2R	13191851	13288424
CH321-89D18	CHORI-321	3LHet	326250	407923
CH321-89D22	CHORI-321	3L	19305790	19385837
CH321-89D23	CHORI-321	2R	11258684	11319416
CH321-89D24	CHORI-321	3L	20701141	20793492
CH321-89E01	CHORI-321	3L	17091887	17177694
CH321-89E02	CHORI-321	X	2986257	3075513
CH321-89E03	CHORI-321	3R	6747894	6835868
CH321-89E07	CHORI-321	X	4178968	4261260
CH321-89E09	CHORI-321	2L	6937508	7013527
CH321-89E12	CHORI-321	2R	15465603	15553883
CH321-89E15	CHORI-321	3L	947961	991220
CH321-89E22	CHORI-321	3L	19806017	19912748
CH321-89E23	CHORI-321	X	16423270	16517714
CH321-89E24	CHORI-321	2R	18436317	18530381
CH321-89F01	CHORI-321	2L	17418270	17511291

CH321-89F02	CHORI-321	3L	18014971	18106345
CH321-89F03	CHORI-321	2R	12537866	12646974
CH321-89F04	CHORI-321	2L	19950151	20041789
CH321-89F13	CHORI-321	X	12724823	12821886
CH321-89F18	CHORI-321	2L	1459477	1552745
CH321-89F20	CHORI-321	2R	18310903	18399277
CH321-89F22	CHORI-321	3R	7137489	7215050
CH321-89F24	CHORI-321	3L	6018208	6092346
CH321-89G02	CHORI-321	2L	2393191	2482095
CH321-89G04	CHORI-321	2R	10720251	10817299
CH321-89G05	CHORI-321	3L	15375427	15465135
CH321-89G07	CHORI-321	2L	10695881	10798278
CH321-89G10	CHORI-321	2R	9835265	9914369
CH321-89G13	CHORI-321	2R	15718377	15801616
CH321-89G14	CHORI-321	3L	17937116	17993602
CH321-89G19	CHORI-321	3R	6869404	6974224
CH321-89G20	CHORI-321	2L	17190093	17265429
CH321-89G23	CHORI-321	2R	3048919	3148011
CH321-89H01	CHORI-321	3L	15699063	15793913
CH321-89H02	CHORI-321	2R	12233613	12322052
CH321-89H04	CHORI-321	3LHet	538819	630795
CH321-89H05	CHORI-321	2L	7498927	7601728
CH321-89H06	CHORI-321	3R	10221224	10307462
CH321-89H08	CHORI-321	3L	12346132	12427860
CH321-89H09	CHORI-321	3R	16241180	16331183
CH321-89H10	CHORI-321	3L	5336382	5420147
CH321-89H12	CHORI-321	X	9676066	9771140
CH321-89H14	CHORI-321	3R	10301108	10389344
CH321-89H17	CHORI-321	3L	5355705	5459286
CH321-89H20	CHORI-321	2R	18952805	19031141
CH321-89I01	CHORI-321	3L	23600266	23692503
CH321-89I02	CHORI-321	2R	14516088	14605615
CH321-89I03	CHORI-321	2R	9147077	9231058
CH321-89I06	CHORI-321	2R	18298536	18382078
CH321-89I09	CHORI-321	X	8043008	8118881
CH321-89I16	CHORI-321	3L	15578039	15673925
CH321-89I24	CHORI-321	2R	4797524	4877975
CH321-89J09	CHORI-321	3R	9022964	9109565
CH321-89J10	CHORI-321	2L	17331506	17428816
CH321-89J12	CHORI-321	3L	3550299	3644091
CH321-89J13	CHORI-321	2R	16340405	16422274
CH321-89K01	CHORI-321	2R	11524678	11600124
CH321-89K04	CHORI-321	2R	9546414	9632155
CH321-89K05	CHORI-321	3R	16268640	16314289
CH321-89K06	CHORI-321	2L	19848350	19946534
CH321-89K09	CHORI-321	3L	3610735	3690537
CH321-89K10	CHORI-321	3L	845407	930665
CH321-89K11	CHORI-321	3R	24064716	24163856
CH321-89K13	CHORI-321	3R	9183754	9284447
CH321-89K15	CHORI-321	2R	9319876	9428124
CH321-89K19	CHORI-321	3L	1471930	1563948
CH321-89L01	CHORI-321	3L	4727846	4817292
CH321-89L04	CHORI-321	2L	14415749	14500630
CH321-89L06	CHORI-321	3L	455951	535547

CH321-89L07	CHORI-321	X	6146819	6228749
CH321-89L10	CHORI-321	3L	10736877	10834564
CH321-89L12	CHORI-321	3R	11041149	11127729
CH321-89L13	CHORI-321	2L	18517365	18607962
CH321-89L14	CHORI-321	X	14980212	15074183
CH321-89L16	CHORI-321	3L	22468148	22547865
CH321-89L20	CHORI-321	3R	15012317	15111474
CH321-89M04	CHORI-321	2L	9163318	9248192
CH321-89M05	CHORI-321	3L	18352651	18426548
CH321-89M06	CHORI-321	3L	2281424	2375607
CH321-89M07	CHORI-321	3R	24664885	24752493
CH321-89M15	CHORI-321	3R	6320509	6420255
CH321-89N01	CHORI-321	3R	12448700	12546026
CH321-89N04	CHORI-321	2L	7490762	7591077
CH321-89N05	CHORI-321	3R	726176	809551
CH321-89N06	CHORI-321	3L	2272335	2353222
CH321-89N14	CHORI-321	2L	3948912	4029053
CH321-89N18	CHORI-321	3R	12538326	12633786
CH321-89O01	CHORI-321	2L	11236566	11323027
CH321-89O05	CHORI-321	X	4153354	4224441
CH321-89O06	CHORI-321	3L	18906309	18981965
CH321-89O07	CHORI-321	2R	20093336	20194565
CH321-89O13	CHORI-321	2L	1643163	1726136
CH321-89O21	CHORI-321	3L	12126643	12175277
CH321-89O23	CHORI-321	2L	8702326	8796813
CH321-89O24	CHORI-321	3R	7301628	7397347
CH321-89P01	CHORI-321	3L	5135095	5222585
CH321-89P06	CHORI-321	3R	3075060	3157865
CH321-89P07	CHORI-321	3L	266057	364790
CH321-89P08	CHORI-321	2L	8701750	8773664
CH321-89P11	CHORI-321	2R	2687969	2763307
CH321-89P14	CHORI-321	3LHet	558482	642425
CH321-89P15	CHORI-321	X	8092855	8195924
CH321-89P16	CHORI-321	3R	19262113	19352123
CH321-89P17	CHORI-321	3R	25184529	25288012
CH321-89P18	CHORI-321	2L	17548846	17648693
CH321-89P19	CHORI-321	2L	8327635	8404032
CH321-89P22	CHORI-321	3R	15472006	15570534
CH321-89P23	CHORI-321	3L	18796581	18891017
CH321-90A02	CHORI-321	2L	14807131	14883659
CH321-90A03	CHORI-321	2L	13624354	13709257
CH321-90A04	CHORI-321	2R	11267604	11369791
CH321-90A06	CHORI-321	3R	8030039	8081176
CH321-90A07	CHORI-321	3R	1347624	1441015
CH321-90A08	CHORI-321	2L	18122901	18227036
CH321-90A10	CHORI-321	X	21785002	21874065
CH321-90A11	CHORI-321	3R	24082690	24168016
CH321-90A15	CHORI-321	2L	19035987	19124735
CH321-90A16	CHORI-321	X	17947777	18032189
CH321-90A19	CHORI-321	2L	4100912	4200424
CH321-90A20	CHORI-321	3R	8572579	8669360
CH321-90A21	CHORI-321	2L	16668954	16709831
CH321-90A22	CHORI-321	X	1620058	1686522
CH321-90A23	CHORI-321	3L	18104759	18177623

CH321-90A24	CHORI-321	3RHet	226033	273950
CH321-90B01	CHORI-321	3R	26338560	26430834
CH321-90B02	CHORI-321	3R	26449018	26548795
CH321-90B03	CHORI-321	3R	17509303	17595323
CH321-90B04	CHORI-321	2R	2648916	2741837
CH321-90B16	CHORI-321	2R	6670611	6763437
CH321-90B17	CHORI-321	3R	3617931	3722512
CH321-90B18	CHORI-321	2L	4215636	4321158
CH321-90B19	CHORI-321	3R	7261118	7348988
CH321-90B20	CHORI-321	2R	1771225	1867190
CH321-90B22	CHORI-321	2L	14843489	14929057
CH321-90B23	CHORI-321	2R	15658720	15741531
CH321-90B24	CHORI-321	3L	19728417	19790724
CH321-90C01	CHORI-321	2R	4668643	4755511
CH321-90C02	CHORI-321	3R	7380267	7471875
CH321-90C03	CHORI-321	2R	13468376	13569693
CH321-90C04	CHORI-321	2R	9478225	9518910
CH321-90C05	CHORI-321	X	5219167	5300461
CH321-90C09	CHORI-321	3L	941699	1025630
CH321-90C13	CHORI-321	X	12458449	12545540
CH321-90C15	CHORI-321	X	12136083	12221458
CH321-90C16	CHORI-321	3R	2167288	2260379
CH321-90C19	CHORI-321	2R	17386208	17484051
CH321-90C21	CHORI-321	X	9402910	9488823
CH321-90C24	CHORI-321	3L	12349679	12440986
CH321-90D02	CHORI-321	2L	19126022	19217520
CH321-90D05	CHORI-321	2R	897545	970132
CH321-90D10	CHORI-321	2L	8413453	8528757
CH321-90D11	CHORI-321	X	11168840	11251577
CH321-90D12	CHORI-321	3L	14998834	15079957
CH321-90D13	CHORI-321	X	15720473	15804052
CH321-90D14	CHORI-321	3R	27034839	27125436
CH321-90D18	CHORI-321	3R	10750915	10844392
CH321-90D21	CHORI-321	3L	13879256	13982787
CH321-90D23	CHORI-321	3R	19123848	19227669
CH321-90E02	CHORI-321	2L	22097934	22197179
CH321-90E03	CHORI-321	2L	12537949	12622142
CH321-90E04	CHORI-321	3L	23003988	23091277
CH321-90E07	CHORI-321	2L	3942570	4037441
CH321-90E15	CHORI-321	3L	17537183	17618113
CH321-90E20	CHORI-321	2L	9401047	9473376
CH321-90E24	CHORI-321	3R	13271190	13360847
CH321-90F02	CHORI-321	3R	17349432	17402516
CH321-90F04	CHORI-321	2R	20676396	20759198
CH321-90F05	CHORI-321	2L	15559587	15662569
CH321-90F06	CHORI-321	3R	7090614	7188558
CH321-90F07	CHORI-321	3R	24203309	24283757
CH321-90F09	CHORI-321	3L	19257656	19343444
CH321-90F10	CHORI-321	3R	7624808	7722607
CH321-90F13	CHORI-321	3L	14856031	14943508
CH321-90F16	CHORI-321	3L	21023993	21116719
CH321-90F21	CHORI-321	2R	6498147	6597801
CH321-90F22	CHORI-321	2L	4795842	4879757
CH321-90G02	CHORI-321	X	18323698	18421829

CH321-90G03	CHORI-321	2R	12784033	12885681
CH321-90G05	CHORI-321	2R	12784097	12885681
CH321-90G07	CHORI-321	2RHet	351740	442933
CH321-90G09	CHORI-321	2L	9800160	9880698
CH321-90G13	CHORI-321	3R	3752992	3846725
CH321-90G20	CHORI-321	3L	913622	998226
CH321-90G21	CHORI-321	2R	13819959	13907312
CH321-90H02	CHORI-321	2L	15959189	16037496
CH321-90H03	CHORI-321	2R	5605536	5692016
CH321-90H12	CHORI-321	X	18617052	18716958
CH321-90H13	CHORI-321	X	1504108	1572698
CH321-90H22	CHORI-321	3R	2928207	3024413
CH321-90I01	CHORI-321	3LHet	1536062	1597583
CH321-90I03	CHORI-321	2R	20099374	20157928
CH321-90I09	CHORI-321	2L	1424584	1519380
CH321-90I11	CHORI-321	3R	22295471	22372231
CH321-90I20	CHORI-321	2R	19370649	19435993
CH321-90I22	CHORI-321	X	1063575	1146034
CH321-90I23	CHORI-321	3R	1257900	1361109
CH321-90J01	CHORI-321	3LHet	1601547	1705610
CH321-90J02	CHORI-321	2L	18854871	18956683
CH321-90J03	CHORI-321	2R	1662699	1751167
CH321-90J05	CHORI-321	X	3361884	3439321
CH321-90J07	CHORI-321	3R	8552428	8658008
CH321-90J10	CHORI-321	2R	20045642	20143514
CH321-90J11	CHORI-321	3L	18996409	19094399
CH321-90J13	CHORI-321	2L	2870085	2963215
CH321-90J19	CHORI-321	X	11657824	11761841
CH321-90J20	CHORI-321	3R	2670830	2765280
CH321-90K05	CHORI-321	3R	15942745	16035257
CH321-90K07	CHORI-321	3L	12462775	12557213
CH321-90K09	CHORI-321	2L	19865821	19952902
CH321-90K11	CHORI-321	3R	1890517	1988789
CH321-90K15	CHORI-321	3R	6797234	6901836
CH321-90K16	CHORI-321	X	2841149	2914301
CH321-90K17	CHORI-321	3L	12588153	12684269
CH321-90K21	CHORI-321	3R	6306230	6403766
CH321-90K22	CHORI-321	X	12247230	12330377
CH321-90L01	CHORI-321	2R	9499344	9580777
CH321-90L03	CHORI-321	3L	3014176	3090203
CH321-90L05	CHORI-321	3R	13082787	13166771
CH321-90L06	CHORI-321	3L	10929998	11005868
CH321-90L07	CHORI-321	2R	1288620	1377755
CH321-90L10	CHORI-321	3R	11681877	11778618
CH321-90L13	CHORI-321	3L	9661053	9754143
CH321-90L15	CHORI-321	2L	7068630	7166478
CH321-90L16	CHORI-321	3R	26613336	26696808
CH321-90M01	CHORI-321	X	14536415	14634964
CH321-90M06	CHORI-321	3R	814133	904438
CH321-90M14	CHORI-321	2L	7415942	7503437
CH321-90M15	CHORI-321	3L	4223459	4314736
CH321-90M21	CHORI-321	X	18208406	18299235
CH321-90N03	CHORI-321	2R	20527227	20611587
CH321-90N13	CHORI-321	3L	10575247	10666378

CH321-90N18	CHORI-321	3R	25333187	25441731
CH321-90N20	CHORI-321	2L	7183162	7278622
CH321-90N21	CHORI-321	2L	17784758	17857340
CH321-90N22	CHORI-321	2R	4595215	4689179
CH321-90O01	CHORI-321	3L	14069585	14163749
CH321-90O02	CHORI-321	2R	16707408	16786972
CH321-90O04	CHORI-321	3R	16295211	16383886
CH321-90O05	CHORI-321	3R	15319851	15403117
CH321-90O07	CHORI-321	3L	5432500	5536506
CH321-90O15	CHORI-321	2L	16052487	16164101
CH321-90O16	CHORI-321	3L	4893077	4996292
CH321-90O24	CHORI-321	3R	17740333	17817280
CH321-90P01	CHORI-321	3L	1877690	1927525
CH321-90P03	CHORI-321	3L	18756081	18841892
CH321-90P05	CHORI-321	3R	7316411	7399279
CH321-90P06	CHORI-321	X	1057764	1146914
CH321-90P07	CHORI-321	3L	19125294	19220990
CH321-90P11	CHORI-321	3L	22494876	22601569
CH321-90P12	CHORI-321	3L	18420907	18510125
CH321-90P14	CHORI-321	2R	6942713	7028707
CH321-90P17	CHORI-321	2R	18484752	18578512
CH321-90P20	CHORI-321	2L	12070283	12156770
CH321-90P22	CHORI-321	2L	9461284	9539053
CH321-90P23	CHORI-321	3R	664895	765915
CH321-90P24	CHORI-321	3R	11817079	11911336
CH321-91A01	CHORI-321	3L	13167655	13258840
CH321-91A02	CHORI-321	2L	17509706	17602346
CH321-91A04	CHORI-321	X	6876943	6967419
CH321-91A07	CHORI-321	2L	10908752	10996084
CH321-91A08	CHORI-321	2R	20867398	20971359
CH321-91A10	CHORI-321	3R	8847810	8943292
CH321-91A11	CHORI-321	2L	8112998	8216156
CH321-91A12	CHORI-321	2L	14091329	14173868
CH321-91A13	CHORI-321	3L	13137720	13240386
CH321-91A15	CHORI-321	2R	2752327	2816072
CH321-91A16	CHORI-321	3L	11624980	11689505
CH321-91A17	CHORI-321	2L	1752339	1823789
CH321-91A19	CHORI-321	3L	5663638	5765136
CH321-91A21	CHORI-321	3R	22745001	22826177
CH321-91A23	CHORI-321	3L	7133117	7222423
CH321-91B01	CHORI-321	4	844204	920788
CH321-91B02	CHORI-321	2L	21986977	22069581
CH321-91B07	CHORI-321	3L	16633198	16714852
CH321-91B08	CHORI-321	3L	16741411	16839097
CH321-91B10	CHORI-321	3R	7071247	7167029
CH321-91B11	CHORI-321	3L	13511738	13599484
CH321-91B12	CHORI-321	3R	4676954	4756453
CH321-91B13	CHORI-321	3L	17642308	17734812
CH321-91B21	CHORI-321	3R	24581957	24680685
CH321-91B23	CHORI-321	2L	4098661	4185926
CH321-91B24	CHORI-321	3LHet	2126252	2173790
CH321-91C01	CHORI-321	2L	11723618	11808302
CH321-91C02	CHORI-321	3L	3735847	3812162
CH321-91C03	CHORI-321	3R	21332671	21421669

CH321-91C05	CHORI-321	X	12109288	12196572
CH321-91C08	CHORI-321	2R	12591723	12684948
CH321-91C14	CHORI-321	2L	20470310	20569001
CH321-91C15	CHORI-321	3R	20576957	20624391
CH321-91C18	CHORI-321	3L	9477749	9561648
CH321-91C21	CHORI-321	2L	1794704	1886509
CH321-91C23	CHORI-321	2L	16027193	16109203
CH321-91C24	CHORI-321	3L	3734695	3834441
CH321-91D01	CHORI-321	2L	12201378	12298834
CH321-91D06	CHORI-321	X	22238631	22325962
CH321-91D09	CHORI-321	3R	4981122	5034986
CH321-91D10	CHORI-321	2L	2340994	2437674
CH321-91D13	CHORI-321	2R	7432694	7515603
CH321-91D18	CHORI-321	3L	20499565	20589827
CH321-91D19	CHORI-321	3RHet	1384916	1500453
CH321-91D21	CHORI-321	X	19027284	19117528
CH321-91D23	CHORI-321	3L	8793611	8880397
CH321-91E01	CHORI-321	2L	15791689	15870880
CH321-91E02	CHORI-321	3L	1427953	1504737
CH321-91E03	CHORI-321	2L	9432982	9527125
CH321-91E05	CHORI-321	3R	41007	83982
CH321-91E09	CHORI-321	3L	2686668	2804602
CH321-91E11	CHORI-321	2L	16506495	16607083
CH321-91E12	CHORI-321	2R	2920200	3004570
CH321-91E15	CHORI-321	3L	6627254	6729409
CH321-91E16	CHORI-321	X	7287651	7375628
CH321-91E18	CHORI-321	3L	18326622	18409640
CH321-91E22	CHORI-321	X	2262570	2372294
CH321-91E23	CHORI-321	3R	8943972	9017762
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CH321-91F03	CHORI-321	3L	21661663	21760383
CH321-91F05	CHORI-321	X	11150220	11198805
CH321-91F10	CHORI-321	2L	17421139	17509276
CH321-91F11	CHORI-321	3R	26000015	26088537
CH321-91F12	CHORI-321	3L	13784727	13882552
CH321-91F13	CHORI-321	2L	13974387	14065491
CH321-91F16	CHORI-321	2L	5203177	5288294
CH321-91F21	CHORI-321	3R	7874452	7962539
CH321-91F22	CHORI-321	3L	6982779	7067398
CH321-91F23	CHORI-321	X	11775349	11857104
CH321-91F24	CHORI-321	2L	10758255	10852067
CH321-91G03	CHORI-321	2L	18602299	18694414
CH321-91G11	CHORI-321	2R	4890536	4974497
CH321-91G14	CHORI-321	2L	19319109	19408112
CH321-91G17	CHORI-321	3L	16134353	16227869
CH321-91G18	CHORI-321	3L	5339415	5436167
CH321-91H02	CHORI-321	3R	25018834	25118935
CH321-91H03	CHORI-321	4	292784	395125
CH321-91H05	CHORI-321	X	8995152	9087495
CH321-91H13	CHORI-321	X	17202655	17296277
CH321-91H15	CHORI-321	2L	17507182	17592405
CH321-91H17	CHORI-321	2L	8766822	8847695
CH321-91H18	CHORI-321	3L	13741604	13832810
CH321-91H24	CHORI-321	2R	1221772	1301766

CH321-91I01	CHORI-321	X	17643586	17754554
CH321-91I03	CHORI-321	2R	6930942	7038537
CH321-91I04	CHORI-321	3L	15403417	15496983
CH321-91I11	CHORI-321	3L	12332883	12416314
CH321-91I13	CHORI-321	3R	22880172	22980487
CH321-91I15	CHORI-321	2R	13871601	13968762
CH321-91I17	CHORI-321	2R	20660993	20731078
CH321-91I18	CHORI-321	3R	11880592	11973601
CH321-91I23	CHORI-321	3R	13797719	13907002
CH321-91I24	CHORI-321	3R	7874734	7970625
CH321-91J03	CHORI-321	2R	19929164	20031868
CH321-91J04	CHORI-321	3R	9395942	9479447
CH321-91J12	CHORI-321	X	6018045	6127086
CH321-91J13	CHORI-321	3R	20656865	20735436
CH321-91J14	CHORI-321	2L	2862780	2958950
CH321-91J19	CHORI-321	3L	9619274	9686231
CH321-91J20	CHORI-321	2R	17739642	17822788
CH321-91J21	CHORI-321	X	16907426	16989245
CH321-91J22	CHORI-321	3R	26552310	26643992
CH321-91J23	CHORI-321	3L	20689261	20785300
CH321-91J24	CHORI-321	3L	20257478	20334394
CH321-91K02	CHORI-321	2R	6816349	6870432
CH321-91K03	CHORI-321	3L	16162553	16249742
CH321-91K09	CHORI-321	3L	12126643	12175635
CH321-91K10	CHORI-321	2L	16478255	16586391
CH321-91K11	CHORI-321	X	12366058	12464286
CH321-91K13	CHORI-321	2L	8028467	8118221
CH321-91K14	CHORI-321	2L	1519377	1599678
CH321-91K15	CHORI-321	3L	17805138	17893569
CH321-91K18	CHORI-321	2R	598923	677354
CH321-91K19	CHORI-321	X	13383982	13460245
CH321-91K20	CHORI-321	2R	14287134	14364644
CH321-91K23	CHORI-321	3R	14390722	14473980
CH321-91L05	CHORI-321	2L	8630231	8711429
CH321-91L06	CHORI-321	3L	20962346	21059145
CH321-91L07	CHORI-321	X	12857343	12949237
CH321-91L11	CHORI-321	2L	11439626	11531021
CH321-91L13	CHORI-321	3R	16863468	16942450
CH321-91L21	CHORI-321	3R	14208616	14289695
CH321-91L22	CHORI-321	2L	18019736	18113381
CH321-91L24	CHORI-321	3L	16820208	16915140
CH321-91M02	CHORI-321	2L	10973745	11069451
CH321-91M03	CHORI-321	3R	16932798	17037842
CH321-91M08	CHORI-321	3L	3457479	3558686
CH321-91M10	CHORI-321	3L	5663210	5734699
CH321-91M12	CHORI-321	3L	7244219	7324127
CH321-91M15	CHORI-321	3R	25153339	25226876
CH321-91M17	CHORI-321	3L	10508798	10584168
CH321-91M19	CHORI-321	2L	16966259	17029041
CH321-91M22	CHORI-321	3R	19041995	19127840
CH321-91M24	CHORI-321	3R	1182402	1286445
CH321-91N01	CHORI-321	2L	12438917	12540050
CH321-91N02	CHORI-321	3L	8526704	8589359
CH321-91N04	CHORI-321	2L	3102612	3191284

CH321-91N09	CHORI-321	2R	10871808	10953098
CH321-91N12	CHORI-321	2R	2073197	2155706
CH321-91N14	CHORI-321	3R	6834337	6912785
CH321-91N15	CHORI-321	2R	5591263	5700341
CH321-91N16	CHORI-321	2R	17915125	17991619
CH321-91N17	CHORI-321	2R	3152646	3236041
CH321-91N18	CHORI-321	X	5279612	5356974
CH321-91N23	CHORI-321	3R	18023829	18120784
CH321-91N24	CHORI-321	3LHet	1491037	1573925
CH321-91O02	CHORI-321	3L	18354832	18441651
CH321-91O05	CHORI-321	X	18189748	18282156
CH321-91O06	CHORI-321	3R	7361807	7448053
CH321-91O09	CHORI-321	2L	665554	773027
CH321-91O11	CHORI-321	3L	15991805	16081505
CH321-91O12	CHORI-321	X	8113597	8193403
CH321-91O13	CHORI-321	3R	570339	664516
CH321-91O14	CHORI-321	3R	14303423	14414465
CH321-91O16	CHORI-321	3R	8019996	8101510
CH321-91O17	CHORI-321	2R	14866546	14971949
CH321-91O18	CHORI-321	2L	19175851	19258728
CH321-91O19	CHORI-321	X	4006433	4098363
CH321-91O24	CHORI-321	2L	6857211	6957248
CH321-91P04	CHORI-321	2R	17769838	17855399
CH321-91P05	CHORI-321	3R	15425557	15477288
CH321-91P06	CHORI-321	2L	1535844	1643389
CH321-91P09	CHORI-321	3L	2158680	2247492
CH321-91P10	CHORI-321	2L	21036151	21115898
CH321-91P13	CHORI-321	3R	20578256	20672786
CH321-91P14	CHORI-321	2R	15695274	15786012
CH321-91P15	CHORI-321	3R	23114957	23196307
CH321-91P18	CHORI-321	3R	12749382	12848402
CH321-91P19	CHORI-321	2L	18862623	18953479
CH321-91P20	CHORI-321	3L	11826883	11917434
CH321-91P22	CHORI-321	3R	22144076	22218136
CH321-91P23	CHORI-321	X	2977133	3070022
CH321-92A01	CHORI-321	X	11339110	11426269
CH321-92A04	CHORI-321	3R	15437402	15528210
CH321-92A07	CHORI-321	3L	12202388	12288543
CH321-92A08	CHORI-321	3R	7949120	8046227
CH321-92A09	CHORI-321	2R	11358722	11459935
CH321-92A10	CHORI-321	3L	193414	285284
CH321-92A11	CHORI-321	3LHet	1257043	1350023
CH321-92A12	CHORI-321	3R	24209901	24313023
CH321-92A14	CHORI-321	2RHet	1839706	1925020
CH321-92A17	CHORI-321	3R	16679392	16769220
CH321-92A21	CHORI-321	3R	13264273	13346029
CH321-92A23	CHORI-321	3R	1206722	1295957
CH321-92B02	CHORI-321	2L	8573426	8668092
CH321-92B03	CHORI-321	3L	22541507	22641792
CH321-92B04	CHORI-321	3R	891545	983340
CH321-92B05	CHORI-321	X	17167227	17261447
CH321-92B09	CHORI-321	2R	11891356	11977693
CH321-92B17	CHORI-321	3R	26203738	26287899
CH321-92B18	CHORI-321	3R	2268885	2376029

CH321-92B21	CHORI-321	2R	17011206	17102492
CH321-92C01	CHORI-321	2R	16312273	16400118
CH321-92D02	CHORI-321	X	18199857	18297481
CH321-92D03	CHORI-321	2R	19359833	19448762
CH321-92D04	CHORI-321	3L	19613905	19693701
CH321-92D05	CHORI-321	X	13955318	14042254
CH321-92D16	CHORI-321	3R	17572989	17658744
CH321-92D18	CHORI-321	2R	20150084	20236295
CH321-92E01	CHORI-321	3L	5182267	5266596
CH321-92E02	CHORI-321	3R	17181939	17281759
CH321-92E03	CHORI-321	X	9370583	9454475
CH321-92E12	CHORI-321	3R	15481046	15570737
CH321-92E15	CHORI-321	2R	8201037	8308535
CH321-92E20	CHORI-321	2R	17657510	17763695
CH321-92E21	CHORI-321	X	21412608	21510713
CH321-92F01	CHORI-321	2R	11785480	11849358
CH321-92F04	CHORI-321	3R	16407786	16495443
CH321-92F11	CHORI-321	3L	21464052	21554350
CH321-92F15	CHORI-321	X	18345157	18404044
CH321-92G06	CHORI-321	2L	19314748	19414814
CH321-92G13	CHORI-321	3RHet	904047	985177
CH321-92G16	CHORI-321	X	15043855	15137979
CH321-92G19	CHORI-321	3L	1149980	1253453
CH321-92G20	CHORI-321	2L	18742151	18836585
CH321-92G23	CHORI-321	3L	6280328	6388145
CH321-92H12	CHORI-321	X	4489386	4577858
CH321-92H14	CHORI-321	3L	11448783	11534919
CH321-92H17	CHORI-321	2R	11195713	11254504
CH321-92I01	CHORI-321	3R	6902152	6978104
CH321-92I03	CHORI-321	2R	13251752	13337281
CH321-92I09	CHORI-321	2L	21046359	21130295
CH321-92I12	CHORI-321	X	13278663	13358819
CH321-92I13	CHORI-321	X	21906419	21990597
CH321-92I22	CHORI-321	3R	6637005	6719873
CH321-92I23	CHORI-321	2L	21737741	21842926
CH321-92J02	CHORI-321	3R	10706832	10785824
CH321-92J09	CHORI-321	X	19585012	19663758
CH321-92J12	CHORI-321	2L	9842339	9921557
CH321-92J19	CHORI-321	2L	8611429	8701648
CH321-92J22	CHORI-321	3R	12266031	12351149
CH321-92J23	CHORI-321	2L	10015303	10107153
CH321-92K01	CHORI-321	3R	4003872	4090766
CH321-92K03	CHORI-321	3R	12550262	12623548
CH321-92K07	CHORI-321	3L	14982312	15071852
CH321-92K14	CHORI-321	3R	23178543	23269329
CH321-92K15	CHORI-321	3L	10057454	10156030
CH321-92K17	CHORI-321	3L	3599188	3681760
CH321-92K22	CHORI-321	2L	5420337	5523757
CH321-92K23	CHORI-321	X	2574977	2662062
CH321-92L01	CHORI-321	X	12393403	12487914
CH321-92L02	CHORI-321	2R	1637967	1723072
CH321-92L05	CHORI-321	3L	23575822	23657965
CH321-92L08	CHORI-321	2L	3517759	3596121
CH321-92L12	CHORI-321	3L	3130827	3238749

CH321-92L13	CHORI-321	2R	14015198	14128386
CH321-92L15	CHORI-321	2L	13607323	13689495
CH321-92L16	CHORI-321	3L	3513578	3606796
CH321-92M01	CHORI-321	3R	21366099	21455258
CH321-92M02	CHORI-321	2L	13695811	13792594
CH321-92M08	CHORI-321	2L	17870342	17966807
CH321-92M17	CHORI-321	2L	9807640	9891399
CH321-92M19	CHORI-321	2L	11562742	11646411
CH321-92M20	CHORI-321	3R	13709227	13810964
CH321-92M21	CHORI-321	2L	15243460	15341405
CH321-92N01	CHORI-321	3L	21072335	21174287
CH321-92N06	CHORI-321	2L	10546039	10633053
CH321-92N09	CHORI-321	2L	9815793	9915810
CH321-92N18	CHORI-321	2R	5868128	5965245
CH321-92N20	CHORI-321	3L	22579575	22673379
CH321-92N21	CHORI-321	3R	4500300	4587894
CH321-92N22	CHORI-321	2L	8989483	9077466
CH321-92O04	CHORI-321	2L	19254243	19339333
CH321-92O16	CHORI-321	3L	9966292	10065226
CH321-92O17	CHORI-321	2L	572603	667900
CH321-92O20	CHORI-321	3R	3758964	3800587
CH321-92O21	CHORI-321	3L	4623937	4706348
CH321-92O22	CHORI-321	X	4856881	4940800
CH321-92P01	CHORI-321	2R	854570	939879
CH321-92P02	CHORI-321	3L	10059568	10141097
CH321-92P03	CHORI-321	2R	4368609	4462995
CH321-92P04	CHORI-321	2R	7886289	7980332
CH321-92P06	CHORI-321	3R	783146	868798
CH321-92P10	CHORI-321	X	7312182	7390834
CH321-92P11	CHORI-321	3L	902203	989598
CH321-92P12	CHORI-321	3L	1566469	1644889
CH321-92P17	CHORI-321	3R	15762715	15840110
CH321-92P18	CHORI-321	3L	20542974	20630632
CH321-92P19	CHORI-321	3L	14096296	14179466
CH321-92P20	CHORI-321	X	14781626	14867007
CH321-92P21	CHORI-321	3R	2697173	2798577
CH321-92P22	CHORI-321	2R	16210703	16321663
CH321-92P23	CHORI-321	3L	5187792	5274700
CH321-92P24	CHORI-321	3L	12640409	12745764
CH321-93A03	CHORI-321	3R	6700121	6779279
CH321-93A05	CHORI-321	3L	7158044	7228354
CH321-93A10	CHORI-321	3L	23045716	23141931
CH321-93A15	CHORI-321	3R	5800922	5899819
CH321-93A20	CHORI-321	2L	18450587	18508698
CH321-93A21	CHORI-321	X	223613	303645
CH321-93A22	CHORI-321	2L	13590944	13687531
CH321-93A23	CHORI-321	3R	935934	1039297
CH321-93B01	CHORI-321	3L	1326133	1420948
CH321-93B05	CHORI-321	3L	21093482	21194646
CH321-93B12	CHORI-321	X	16021790	16119384
CH321-93B13	CHORI-321	2L	1258401	1342445
CH321-93B22	CHORI-321	3L	17127545	17232682
CH321-93B24	CHORI-321	3L	13876204	13984210
CH321-93C01	CHORI-321	X	4524292	4596039

CH321-93C12	CHORI-321	3R	15592470	15671538
CH321-93C13	CHORI-321	3R	24086888	24168514
CH321-93C14	CHORI-321	X	6388402	6473537
CH321-93C15	CHORI-321	2L	7887561	7972503
CH321-93C19	CHORI-321	3R	24544672	24645897
CH321-93C23	CHORI-321	3R	22411706	22505878
CH321-93C24	CHORI-321	2R	15434027	15527480
CH321-93D04	CHORI-321	3L	3929123	4013966
CH321-93D09	CHORI-321	3R	25393509	25479643
CH321-93D16	CHORI-321	2L	11523988	11615082
CH321-93D18	CHORI-321	3L	7160184	7266398
CH321-93D23	CHORI-321	2L	10006005	10063732
CH321-93E01	CHORI-321	3L	3686280	3742915
CH321-93E05	CHORI-321	2R	5427304	5468637
CH321-93E12	CHORI-321	3L	15709683	15793913
CH321-93E15	CHORI-321	3L	4715752	4791020
CH321-93E16	CHORI-321	3L	18885893	18980391
CH321-93E21	CHORI-321	3R	22022312	22112187
CH321-93E22	CHORI-321	3L	6060316	6161820
CH321-93F01	CHORI-321	3R	23302975	23412351
CH321-93F18	CHORI-321	3R	14637237	14728307
CH321-93F21	CHORI-321	2L	10531094	10623043
CH321-93F22	CHORI-321	3R	2767305	2858253
CH321-93G03	CHORI-321	3L	14545836	14624784
CH321-93G05	CHORI-321	2L	6293578	6381489
CH321-93G14	CHORI-321	3R	4814415	4907246
CH321-93G19	CHORI-321	2R	15023261	15108384
CH321-93G20	CHORI-321	2L	16340582	16425894
CH321-93G22	CHORI-321	3R	2719740	2798194
CH321-93H01	CHORI-321	2L	6528398	6636522
CH321-93H02	CHORI-321	3R	1303544	1400066
CH321-93H12	CHORI-321	3L	7315833	7392484
CH321-93H14	CHORI-321	X	4022358	4121916
CH321-93H16	CHORI-321	2L	15503456	15614435
CH321-93I08	CHORI-321	3R	24152692	24257702
CH321-93I09	CHORI-321	3L	11039666	11126299
CH321-93I21	CHORI-321	2L	18180835	18269168
CH321-93I22	CHORI-321	3R	18572527	18670907
CH321-93I23	CHORI-321	3R	22102384	22203674
CH321-93J04	CHORI-321	3R	6374058	6452717
CH321-93J08	CHORI-321	3R	14724280	14808578
CH321-93J09	CHORI-321	3R	9425777	9508168
CH321-93J20	CHORI-321	2L	1815754	1915563
CH321-93J21	CHORI-321	2L	14545835	14638203
CH321-93K03	CHORI-321	X	22045648	22123465
CH321-93K15	CHORI-321	2L	2132949	2232208
CH321-93K17	CHORI-321	X	1304862	1390867
CH321-93K21	CHORI-321	3R	660873	764165
CH321-93K22	CHORI-321	3R	10554785	10642883
CH321-93L01	CHORI-321	2L	16090781	16184564
CH321-93L03	CHORI-321	X	18339931	18430497
CH321-93L06	CHORI-321	2R	17866737	17958957
CH321-93L08	CHORI-321	3L	10332579	10412902
CH321-93L16	CHORI-321	X	22175005	22272367

CH321-93L21	CHORI-321	2R	7190455	7277508
CH321-93L22	CHORI-321	3L	21194310	21285414
CH321-93M01	CHORI-321	X	12582132	12675835
CH321-93M05	CHORI-321	2L	20687539	20744183
CH321-93M06	CHORI-321	2R	15466000	15564677
CH321-93M17	CHORI-321	2R	7425836	7512160
CH321-93M19	CHORI-321	2R	4118727	4217480
CH321-93M21	CHORI-321	3L	5375254	5453438
CH321-93M22	CHORI-321	3L	15724806	15822606
CH321-93M24	CHORI-321	2R	7028221	7133576
CH321-93N01	CHORI-321	2L	10011271	10101104
CH321-93N05	CHORI-321	2L	1811020	1917860
CH321-93N16	CHORI-321	2L	16996053	17102228
CH321-93N19	CHORI-321	X	14018922	14117299
CH321-93N20	CHORI-321	3L	21402561	21488623
CH321-93N21	CHORI-321	2L	7300620	7390601
CH321-93N23	CHORI-321	2R	9120823	9199713
CH321-93O01	CHORI-321	3R	10377571	10479996
CH321-93O19	CHORI-321	3L	16448507	16541652
CH321-93P02	CHORI-321	3R	391687	470065
CH321-93P03	CHORI-321	3R	25396269	25481100
CH321-93P04	CHORI-321	2R	10900999	11011210
CH321-93P06	CHORI-321	2R	20519378	20606922
CH321-93P11	CHORI-321	2L	18952870	19042165
CH321-93P12	CHORI-321	2R	9148169	9248453
CH321-93P16	CHORI-321	X	17193065	17300875
CH321-93P19	CHORI-321	2R	11421231	11515904
CH321-93P21	CHORI-321	2R	14760388	14835672
CH321-93P22	CHORI-321	3L	12438882	12528246
CH321-93P23	CHORI-321	2L	13864870	13941889
CH321-93P24	CHORI-321	2R	1382505	1484835
CH321-94A01	CHORI-321	X	9394092	9470410
CH321-94A02	CHORI-321	3R	20024764	20139123
CH321-94A03	CHORI-321	2L	14103241	14202373
CH321-94A04	CHORI-321	2R	15292424	15374082
CH321-94A06	CHORI-321	2L	10383611	10482305
CH321-94A08	CHORI-321	2L	10496830	10576380
CH321-94A09	CHORI-321	2R	5469718	5581228
CH321-94A10	CHORI-321	2R	17286579	17363840
CH321-94A13	CHORI-321	X	5434183	5522071
CH321-94A14	CHORI-321	3L	6871292	6958774
CH321-94A20	CHORI-321	3R	23590590	23690463
CH321-94A21	CHORI-321	3R	11975829	12066046
CH321-94A23	CHORI-321	2L	6235692	6323633
CH321-94A24	CHORI-321	2L	22484862	22602101
CH321-94B01	CHORI-321	2R	7467446	7563313
CH321-94B03	CHORI-321	X	10271609	10371405
CH321-94B04	CHORI-321	3L	1202604	1303878
CH321-94B05	CHORI-321	X	16206024	16282124
CH321-94B09	CHORI-321	3R	14609734	14715067
CH321-94B10	CHORI-321	3LHet	887089	972876
CH321-94B11	CHORI-321	3L	7336642	7431788
CH321-94B13	CHORI-321	3L	373070	465776
CH321-94B15	CHORI-321	3R	23523929	23593922

CH321-94B16	CHORI-321	3R	23861271	23945176
CH321-94B20	CHORI-321	2R	11580629	11627677
CH321-94B21	CHORI-321	X	19631190	19733593
CH321-94B23	CHORI-321	3L	20705801	20784604
CH321-94B24	CHORI-321	2R	14367190	14444695
CH321-94C03	CHORI-321	X	7404622	7486609
CH321-94C05	CHORI-321	3R	6790644	6881978
CH321-94C06	CHORI-321	3R	22054892	22144232
CH321-94C15	CHORI-321	2R	6557241	6652663
CH321-94C18	CHORI-321	3L	16788234	16889554
CH321-94C20	CHORI-321	3R	22033171	22113321
CH321-94C21	CHORI-321	2L	9820324	9913077
CH321-94C22	CHORI-321	2R	1712289	1822280
CH321-94C24	CHORI-321	2R	16037494	16121441
CH321-94D04	CHORI-321	2L	12017973	12106511
CH321-94D06	CHORI-321	3R	27505495	27604312
CH321-94D11	CHORI-321	2L	18299669	18400196
CH321-94D12	CHORI-321	X	6289792	6371186
CH321-94D14	CHORI-321	X	11036773	11135283
CH321-94D15	CHORI-321	2R	8475622	8558508
CH321-94D18	CHORI-321	3L	4817197	4890426
CH321-94D20	CHORI-321	3L	14180918	14257998
CH321-94D24	CHORI-321	2R	12634498	12742044
CH321-94E04	CHORI-321	2L	6264716	6347855
CH321-94E11	CHORI-321	2R	11459932	11552737
CH321-94E19	CHORI-321	X	2154468	2235405
CH321-94E21	CHORI-321	3R	17747060	17862614
CH321-94E22	CHORI-321	3L	21846896	21939031
CH321-94F02	CHORI-321	3L	23960247	24048396
CH321-94F04	CHORI-321	X	14384204	14475130
CH321-94F05	CHORI-321	2L	20478467	20583721
CH321-94F06	CHORI-321	2L	13387051	13470833
CH321-94F08	CHORI-321	3R	26861926	26951047
CH321-94F10	CHORI-321	3L	14810585	14902651
CH321-94F11	CHORI-321	3R	6747915	6847654
CH321-94F18	CHORI-321	3L	5809841	5898392
CH321-94F21	CHORI-321	2R	16365467	16450546
CH321-94F23	CHORI-321	2R	5217426	5327475
CH321-94F24	CHORI-321	3L	11999536	12087907
CH321-94G03	CHORI-321	3LHet	677118	770205
CH321-94G13	CHORI-321	3R	21208441	21314499
CH321-94G19	CHORI-321	2L	14781724	14874505
CH321-94G20	CHORI-321	3L	8176008	8272125
CH321-94G21	CHORI-321	2L	4077647	4165560
CH321-94G23	CHORI-321	2L	20674179	20764474
CH321-94G24	CHORI-321	3R	11444207	11525721
CH321-94H02	CHORI-321	3R	19973076	20084475
CH321-94H03	CHORI-321	2R	14422303	14504124
CH321-94H04	CHORI-321	2R	14956205	15042843
CH321-94H05	CHORI-321	2L	6220286	6271952
CH321-94H10	CHORI-321	3R	16327082	16422638
CH321-94H12	CHORI-321	3LHet	632969	713736
CH321-94H13	CHORI-321	2R	8552080	8641519
CH321-94H14	CHORI-321	3R	17610980	17697601

CH321-94H17	CHORI-321	X	5977741	6067162
CH321-94H18	CHORI-321	3R	3951340	4054888
CH321-94H21	CHORI-321	3L	15036275	15121993
CH321-94H24	CHORI-321	3L	7766006	7858467
CH321-94I01	CHORI-321	3L	1785726	1887014
CH321-94I02	CHORI-321	3R	22306193	22393138
CH321-94I03	CHORI-321	3L	7725091	7804815
CH321-94I05	CHORI-321	3L	15984419	16056528
CH321-94I06	CHORI-321	3R	27591369	27682456
CH321-94I09	CHORI-321	2R	2907781	3004575
CH321-94I13	CHORI-321	3L	22950562	23034270
CH321-94I16	CHORI-321	3R	16209555	16295979
CH321-94I18	CHORI-321	2L	14368373	14451106
CH321-94I19	CHORI-321	2R	12742222	12828674
CH321-94I23	CHORI-321	3L	23618865	23709275
CH321-94I24	CHORI-321	2L	17291543	17383667
CH321-94J08	CHORI-321	2R	4617323	4726198
CH321-94J09	CHORI-321	3R	7451443	7556328
CH321-94J10	CHORI-321	X	2525528	2627150
CH321-94J14	CHORI-321	2RHet	2328012	2411735
CH321-94J21	CHORI-321	3R	26334551	26426361
CH321-94K01	CHORI-321	2R	19633784	19719214
CH321-94K02	CHORI-321	3L	17446240	17540597
CH321-94K07	CHORI-321	2L	5823254	5902293
CH321-94K09	CHORI-321	3L	12331735	12421215
CH321-94K11	CHORI-321	3L	476610	578827
CH321-94K15	CHORI-321	3L	3531603	3605093
CH321-94K16	CHORI-321	3L	14113671	14205679
CH321-94K21	CHORI-321	3L	20559793	20646138
CH321-94K22	CHORI-321	3R	24823429	24925749
CH321-94K23	CHORI-321	2L	11016849	11109612
CH321-94K24	CHORI-321	2R	19929169	20034355
CH321-94L02	CHORI-321	2R	12232802	12334109
CH321-94L05	CHORI-321	3L	2184187	2289610
CH321-94L06	CHORI-321	3L	5484891	5574889
CH321-94L09	CHORI-321	2L	5869082	5964068
CH321-94L12	CHORI-321	2L	15137057	15233241
CH321-94L13	CHORI-321	2L	10679824	10769320
CH321-94L16	CHORI-321	3L	10498017	10597547
CH321-94L18	CHORI-321	3R	4966097	5040078
CH321-94L23	CHORI-321	3R	1043307	1094792
CH321-94M01	CHORI-321	X	6387000	6482058
CH321-94M05	CHORI-321	2R	18802311	18907161
CH321-94M06	CHORI-321	3L	9413791	9511525
CH321-94M08	CHORI-321	2R	6596594	6700544
CH321-94M10	CHORI-321	X	11537406	11577992
CH321-94M14	CHORI-321	X	18214869	18299235
CH321-94M15	CHORI-321	3R	617484	711042
CH321-94M16	CHORI-321	3R	1441310	1534339
CH321-94M17	CHORI-321	2L	14743044	14835420
CH321-94M18	CHORI-321	X	12021769	12119124
CH321-94M19	CHORI-321	4	692770	772228
CH321-94M20	CHORI-321	3R	19423428	19503581
CH321-94M21	CHORI-321	X	7966260	8018594

CH321-94N01	CHORI-321	X	7312660	7393117
CH321-94N02	CHORI-321	2R	4114679	4217498
CH321-94N04	CHORI-321	3R	5773969	5828995
CH321-94N05	CHORI-321	2L	19123235	19207113
CH321-94N07	CHORI-321	2R	10339811	10424445
CH321-94N09	CHORI-321	3R	10555920	10640450
CH321-94N11	CHORI-321	3L	3878432	3967883
CH321-94N12	CHORI-321	3R	26242274	26335658
CH321-94N13	CHORI-321	X	10884287	10968462
CH321-94N14	CHORI-321	2R	7293772	7401388
CH321-94N18	CHORI-321	2L	14157138	14235486
CH321-94N19	CHORI-321	3L	2789309	2875909
CH321-94N20	CHORI-321	3L	19867902	19954752
CH321-94N21	CHORI-321	X	4150654	4254148
CH321-94N22	CHORI-321	2L	11701774	11783738
CH321-94N23	CHORI-321	2L	4199415	4294306
CH321-94O01	CHORI-321	3LHet	263252	326952
CH321-94O03	CHORI-321	X	12876838	12953695
CH321-94O06	CHORI-321	3R	22738973	22845537
CH321-94O07	CHORI-321	3L	10179769	10258004
CH321-94O08	CHORI-321	2L	8210446	8325343
CH321-94O14	CHORI-321	3R	21744233	21847458
CH321-94O15	CHORI-321	2R	12535140	12644650
CH321-94O16	CHORI-321	2R	18101045	18190309
CH321-94O18	CHORI-321	2L	3799216	3869191
CH321-94O21	CHORI-321	3L	23483864	23583893
CH321-94O22	CHORI-321	2R	10389008	10486972
CH321-94O23	CHORI-321	3R	19040354	19124834
CH321-94P03	CHORI-321	2L	19693403	19774234
CH321-94P04	CHORI-321	3L	17056863	17151263
CH321-94P06	CHORI-321	2L	17305882	17363763
CH321-94P10	CHORI-321	3R	334986	417182
CH321-94P13	CHORI-321	X	10970394	11067666
CH321-94P16	CHORI-321	3L	21191897	21290604
CH321-94P17	CHORI-321	3R	16688567	16777836
CH321-94P18	CHORI-321	2R	14827487	14925352
CH321-94P19	CHORI-321	2R	1715005	1809959
CH321-94P20	CHORI-321	3R	9912174	9998797
CH321-94P21	CHORI-321	3R	509508	601618
CH321-94P22	CHORI-321	3LHet	934100	1023544
CH321-94P23	CHORI-321	3R	6680462	6760322
CH321-95A02	CHORI-321	2R	12901344	12990289
CH321-95A03	CHORI-321	3L	14443693	14513690
CH321-95A04	CHORI-321	3L	4693653	4782286
CH321-95A05	CHORI-321	3L	1225550	1327246
CH321-95A07	CHORI-321	2L	19913076	20004596
CH321-95A08	CHORI-321	X	733102	819993
CH321-95A10	CHORI-321	2L	19428799	19537776
CH321-95A11	CHORI-321	3RHet	1999618	2076435
CH321-95A12	CHORI-321	X	16314253	16398586
CH321-95A14	CHORI-321	2R	17811316	17913371
CH321-95A15	CHORI-321	2RHet	445788	543185
CH321-95A16	CHORI-321	3L	745003	830161
CH321-95A17	CHORI-321	X	6056517	6140166

CH321-95A21	CHORI-321	2R	3685206	3774413
CH321-95A22	CHORI-321	3L	10464368	10542033
CH321-95A23	CHORI-321	3R	4351710	4436456
CH321-95B01	CHORI-321	3L	13268250	13359588
CH321-95B02	CHORI-321	2L	17541623	17630356
CH321-95B04	CHORI-321	3L	6594745	6677362
CH321-95B06	CHORI-321	X	20356076	20448524
CH321-95B09	CHORI-321	2L	2840409	2935546
CH321-95B11	CHORI-321	3R	24608021	24693319
CH321-95B12	CHORI-321	3L	7948258	8022242
CH321-95B13	CHORI-321	2L	7479547	7562550
CH321-95B14	CHORI-321	2R	8100537	8198516
CH321-95B15	CHORI-321	2L	14845287	14929845
CH321-95B21	CHORI-321	2R	5892027	5968732
CH321-95B23	CHORI-321	2R	16693795	16738035
CH321-95B24	CHORI-321	2L	6551127	6631693
CH321-95C02	CHORI-321	3R	13586093	13683384
CH321-95C03	CHORI-321	2L	18446649	18543247
CH321-95C04	CHORI-321	2R	20226495	20326386
CH321-95C05	CHORI-321	3R	20873473	20960407
CH321-95C06	CHORI-321	X	1651816	1743654
CH321-95C08	CHORI-321	2R	7205637	7288060
CH321-95C09	CHORI-321	2L	19261576	19348596
CH321-95C10	CHORI-321	2L	9548525	9647391
CH321-95C11	CHORI-321	2L	17452669	17554666
CH321-95C14	CHORI-321	X	1146118	1186963
CH321-95C19	CHORI-321	3L	19875801	19968475
CH321-95D02	CHORI-321	2R	4345029	4452346
CH321-95D03	CHORI-321	3R	10341878	10426737
CH321-95D04	CHORI-321	X	16324473	16417965
CH321-95D05	CHORI-321	3R	5699762	5789994
CH321-95D06	CHORI-321	2L	13798691	13895470
CH321-95D11	CHORI-321	2R	1933296	2014277
CH321-95D16	CHORI-321	2R	10298768	10376398
CH321-95D21	CHORI-321	3L	14993647	15092352
CH321-95D23	CHORI-321	2L	1093382	1190590
CH321-95E02	CHORI-321	3L	8429582	8522069
CH321-95E03	CHORI-321	2L	8358466	8445022
CH321-95E05	CHORI-321	3L	3471532	3566993
CH321-95E08	CHORI-321	3R	12631819	12728743
CH321-95E09	CHORI-321	3R	6422826	6519827
CH321-95E12	CHORI-321	2R	1232170	1318085
CH321-95E13	CHORI-321	2R	16950761	17052863
CH321-95E14	CHORI-321	2L	12726200	12793457
CH321-95E22	CHORI-321	3L	20844202	20913731
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CH321-95F01	CHORI-321	2R	6619394	6705341
CH321-95F02	CHORI-321	3L	11097261	11194710
CH321-95F03	CHORI-321	3L	19440570	19531099
CH321-95F04	CHORI-321	2R	5556024	5645028
CH321-95F06	CHORI-321	X	5872741	5956433
CH321-95F08	CHORI-321	2L	13708841	13796680
CH321-95F10	CHORI-321	3R	22894936	22980447
CH321-95F11	CHORI-321	3L	2141391	2230626

CH321-95F12	CHORI-321	3R	12335442	12442203
CH321-95F14	CHORI-321	3L	5718069	5804720
CH321-95F16	CHORI-321	3R	4266808	4369912
CH321-95F23	CHORI-321	2L	15760227	15869398
CH321-95F24	CHORI-321	3L	14812572	14910304
CH321-95G01	CHORI-321	3R	776670	865791
CH321-95G04	CHORI-321	3L	21372279	21466709
CH321-95G06	CHORI-321	X	10886716	10974189
CH321-95G07	CHORI-321	3L	21070245	21172264
CH321-95G08	CHORI-321	2R	19269243	19372747
CH321-95G09	CHORI-321	3R	17200620	17288906
CH321-95G18	CHORI-321	2L	18975268	19056632
CH321-95G20	CHORI-321	X	11156538	11242901
CH321-95G22	CHORI-321	3L	18004507	18108834
CH321-95H13	CHORI-321	2L	13872406	13973268
CH321-95H14	CHORI-321	3R	13424880	13503473
CH321-95H18	CHORI-321	X	10971562	11090049
CH321-95H22	CHORI-321	3R	2622643	2723925
CH321-95H23	CHORI-321	3R	5907118	5991362
CH321-95H24	CHORI-321	3R	15854028	15942665
CH321-95I02	CHORI-321	3L	9203687	9305808
CH321-95I06	CHORI-321	3L	4364988	4447941
CH321-95I07	CHORI-321	2R	4358771	4456583
CH321-95I10	CHORI-321	3R	18456146	18530238
CH321-95I12	CHORI-321	3L	20952526	21037208
CH321-95I14	CHORI-321	2L	1267740	1351427
CH321-95I21	CHORI-321	2L	18733363	18824907
CH321-95J16	CHORI-321	2L	13665315	13763732
CH321-95J17	CHORI-321	X	3483554	3566771
CH321-95J18	CHORI-321	2RHet	985571	1070617
CH321-95J19	CHORI-321	3R	4907243	5019341
CH321-95J20	CHORI-321	3L	885923	986934
CH321-95J22	CHORI-321	X	2237511	2332576
CH321-95K01	CHORI-321	2R	8142867	8235534
CH321-95K03	CHORI-321	2L	4170137	4263904
CH321-95K08	CHORI-321	3L	1610907	1674446
CH321-95K09	CHORI-321	2L	5823373	5902293
CH321-95K10	CHORI-321	2R	15295314	15383921
CH321-95K13	CHORI-321	3R	10593854	10697148
CH321-95K14	CHORI-321	X	3082751	3175156
CH321-95K15	CHORI-321	2L	7922147	7995276
CH321-95K16	CHORI-321	3R	17924147	18012305
CH321-95K17	CHORI-321	3L	7796724	7886686
CH321-95K21	CHORI-321	3L	20020849	20122986
CH321-95K22	CHORI-321	2R	12085739	12166061
CH321-95K23	CHORI-321	2R	14113205	14204666
CH321-95K24	CHORI-321	3L	15671151	15779837
CH321-95L09	CHORI-321	3R	6171955	6261364
CH321-95L10	CHORI-321	2R	16037712	16121219
CH321-95L12	CHORI-321	2R	2390096	2464380
CH321-95L14	CHORI-321	3L	19047385	19121766
CH321-95L15	CHORI-321	2R	21056453	21144276
CH321-95L17	CHORI-321	3R	24482334	24565480
CH321-95L18	CHORI-321	2R	13486628	13577315

CH321-95L22	CHORI-321	3R	14332780	14430620
CH321-95L23	CHORI-321	3L	18984680	19067068
CH321-95L24	CHORI-321	X	4964032	5060594
CH321-95M01	CHORI-321	2R	11464540	11551472
CH321-95M02	CHORI-321	3L	4866845	4975913
CH321-95M03	CHORI-321	2R	575065	661378
CH321-95M09	CHORI-321	3R	25859051	25934444
CH321-95M11	CHORI-321	2R	556780	639392
CH321-95M13	CHORI-321	3L	5984332	6059068
CH321-95M19	CHORI-321	2R	11023912	11118922
CH321-95M20	CHORI-321	2R	19284887	19360836
CH321-95M21	CHORI-321	3R	16163560	16252569
CH321-95N01	CHORI-321	3R	7624808	7714107
CH321-95N02	CHORI-321	3R	14129864	14197160
CH321-95N04	CHORI-321	3R	16309114	16403498
CH321-95N05	CHORI-321	3L	991803	1082671
CH321-95N06	CHORI-321	2L	6468499	6556156
CH321-95N07	CHORI-321	3L	16411774	16521654
CH321-95N08	CHORI-321	3L	2445052	2538623
CH321-95N09	CHORI-321	3R	17559351	17650877
CH321-95N10	CHORI-321	2R	13145370	13220403
CH321-95N11	CHORI-321	3R	3235854	3337099
CH321-95N12	CHORI-321	3R	26206915	26311241
CH321-95N14	CHORI-321	3R	11495529	11581287
CH321-95N21	CHORI-321	3L	15463781	15552031
CH321-95N22	CHORI-321	3L	845407	937845
CH321-95O01	CHORI-321	X	19741702	19802085
CH321-95O03	CHORI-321	3R	25853929	25931858
CH321-95O06	CHORI-321	3L	19046440	19143408
CH321-95O09	CHORI-321	2L	6789509	6881822
CH321-95O10	CHORI-321	2L	6526034	6609227
CH321-95O12	CHORI-321	3L	14069603	14163749
CH321-95O13	CHORI-321	3LHet	1569879	1652314
CH321-95O15	CHORI-321	3L	582837	681167
CH321-95O16	CHORI-321	2R	17275485	17383684
CH321-95O17	CHORI-321	X	2139454	2220407
CH321-95O19	CHORI-321	2L	13020039	13094043
CH321-95O22	CHORI-321	2L	15349185	15442553
CH321-95O23	CHORI-321	3R	19533505	19618855
CH321-95P03	CHORI-321	2L	17692878	17778389
CH321-95P04	CHORI-321	3R	15333167	15423461
CH321-95P05	CHORI-321	3L	11439157	11522848
CH321-95P06	CHORI-321	3LHet	1272910	1357846
CH321-95P07	CHORI-321	3L	16230373	16308564
CH321-95P10	CHORI-321	2L	17003949	17088848
CH321-95P11	CHORI-321	2L	7182488	7268020
CH321-95P13	CHORI-321	2R	14759303	14837412
CH321-95P14	CHORI-321	3L	19317581	19399454
CH321-95P16	CHORI-321	3R	11596840	11681407
CH321-95P17	CHORI-321	2L	12442947	12535960
CH321-95P18	CHORI-321	3L	10251522	10359051
CH321-96A02	CHORI-321	3L	14108850	14199528
CH321-96A08	CHORI-321	3R	11062691	11157731
CH321-96A10	CHORI-321	3R	12720343	12806942

CH321-96A11	CHORI-321	X	2515989	2590220
CH321-96A12	CHORI-321	3R	17351842	17433630
CH321-96A13	CHORI-321	X	18718151	18764925
CH321-96A14	CHORI-321	2L	2242204	2344665
CH321-96A16	CHORI-321	3R	4506541	4606359
CH321-96A17	CHORI-321	3L	4563158	4646864
CH321-96A18	CHORI-321	X	5567748	5650231
CH321-96A19	CHORI-321	3R	22303374	22405086
CH321-96A20	CHORI-321	3L	5372604	5457982
CH321-96B02	CHORI-321	3R	13336681	13425230
CH321-96B12	CHORI-321	3L	6734822	6810244
CH321-96B13	CHORI-321	2R	7045558	7142083
CH321-96B16	CHORI-321	3R	10923311	11005756
CH321-96B19	CHORI-321	X	2744895	2817564
CH321-96B21	CHORI-321	3L	8356764	8444582
CH321-96B22	CHORI-321	3R	19469600	19554486
CH321-96B24	CHORI-321	2L	19207275	19285977
CH321-96C05	CHORI-321	3R	9617309	9705699
CH321-96C06	CHORI-321	3R	20231360	20318163
CH321-96C14	CHORI-321	2L	11569284	11650445
CH321-96C16	CHORI-321	X	21005528	21094468
CH321-96C17	CHORI-321	3R	24867690	24964989
CH321-96C18	CHORI-321	3L	17183109	17275538
CH321-96D02	CHORI-321	3L	4927706	4994948
CH321-96D04	CHORI-321	X	2250625	2349004
CH321-96D13	CHORI-321	3R	6261361	6348766
CH321-96D14	CHORI-321	2R	9148158	9248453
CH321-96D15	CHORI-321	3R	5143102	5252952
CH321-96D20	CHORI-321	2R	13204079	13288424
CH321-96D21	CHORI-321	2L	18315039	18413316
CH321-96D23	CHORI-321	3R	7517820	7617547
CH321-96E04	CHORI-321	3R	20500599	20591713
CH321-96E10	CHORI-321	3R	24934157	25034870
CH321-96E12	CHORI-321	2L	8451715	8538520
CH321-96F02	CHORI-321	3R	4925323	5014128
CH321-96F03	CHORI-321	3R	15894385	15942280
CH321-96F04	CHORI-321	3R	3372652	3458029
CH321-96F09	CHORI-321	2R	15069672	15155895
CH321-96F10	CHORI-321	2R	13351660	13457295
CH321-96F18	CHORI-321	2R	16694885	16775914
CH321-96F21	CHORI-321	3L	8907980	9001829
CH321-96F22	CHORI-321	2L	5813305	5892925
CH321-96G07	CHORI-321	2R	16758024	16868057
CH321-96G12	CHORI-321	3L	3267424	3349608
CH321-96G13	CHORI-321	2R	7799908	7882243
CH321-96G14	CHORI-321	X	20093228	20193182
CH321-96G16	CHORI-321	2R	3299289	3386736
CH321-96G18	CHORI-321	2R	12246675	12335086
CH321-96G20	CHORI-321	3R	15052933	15156307
CH321-96G22	CHORI-321	3R	23392003	23490518
CH321-96H14	CHORI-321	2R	6167857	6263885
CH321-96H18	CHORI-321	3R	2287510	2380441
CH321-96I08	CHORI-321	X	5234532	5321868
CH321-96I12	CHORI-321	3R	836459	914986

CH321-96I13	CHORI-321	X	7521707	7602941
CH321-96I14	CHORI-321	2R	2602615	2691777
CH321-96I16	CHORI-321	2R	8769964	8874085
CH321-96I17	CHORI-321	3R	15324755	15405542
CH321-96I22	CHORI-321	2R	7103370	7159923
CH321-96I24	CHORI-321	2R	19708043	19803070
CH321-96J02	CHORI-321	3L	21194310	21285414
CH321-96J12	CHORI-321	3L	9209787	9314512
CH321-96J13	CHORI-321	X	3919577	4014942
CH321-96J14	CHORI-321	2R	8558505	8636871
CH321-96J21	CHORI-321	2L	8783583	8892220
CH321-96J22	CHORI-321	3R	3846681	3909279
CH321-96K01	CHORI-321	X	6793493	6871230
CH321-96K04	CHORI-321	3R	20079151	20191088
CH321-96K05	CHORI-321	3R	1183003	1235899
CH321-96K06	CHORI-321	3R	13255606	13346029
CH321-96K10	CHORI-321	2R	13756229	13837850
CH321-96K13	CHORI-321	3L	5950978	6044320
CH321-96K14	CHORI-321	X	2497559	2586637
CH321-96K16	CHORI-321	3R	3157724	3245540
CH321-96K18	CHORI-321	3L	20768192	20846221
CH321-96K22	CHORI-321	X	19261628	19338445
CH321-96K24	CHORI-321	2R	18951694	19027428
CH321-96L02	CHORI-321	X	15400211	15504453
CH321-96L03	CHORI-321	3R	21974974	22053936
CH321-96L06	CHORI-321	2R	9309739	9395959
CH321-96L07	CHORI-321	3R	1539503	1628183
CH321-96L08	CHORI-321	2L	11224573	11316192
CH321-96L09	CHORI-321	3L	6498776	6591609
CH321-96L10	CHORI-321	X	13735247	13827886
CH321-96L11	CHORI-321	2R	10260913	10345023
CH321-96L13	CHORI-321	3R	4429836	4508919
CH321-96L14	CHORI-321	2L	20283522	20374100
CH321-96M02	CHORI-321	2L	12917903	13003174
CH321-96M03	CHORI-321	3R	4984926	5061147
CH321-96M04	CHORI-321	3R	24079196	24162654
CH321-96M05	CHORI-321	3L	20921479	21029099
CH321-96M06	CHORI-321	3R	14874008	14958574
CH321-96M08	CHORI-321	2R	12203227	12294199
CH321-96M09	CHORI-321	X	22328068	22371047
CH321-96M10	CHORI-321	3R	4358651	4444208
CH321-96M13	CHORI-321	3R	18343235	18421127
CH321-96M14	CHORI-321	2L	3952419	4039006
CH321-96M15	CHORI-321	2L	7745291	7825890
CH321-96M16	CHORI-321	3L	3804316	3890426
CH321-96M20	CHORI-321	3L	10630371	10702926
CH321-96M21	CHORI-321	2R	17275492	17351721
CH321-96M22	CHORI-321	3L	3236640	3313930
CH321-96N02	CHORI-321	3R	889749	965698
CH321-96N06	CHORI-321	3R	23179264	23261109
CH321-96N07	CHORI-321	X	9731251	9798843
CH321-96N09	CHORI-321	3L	9671920	9748798
CH321-96N11	CHORI-321	2R	11768216	11870447
CH321-96N12	CHORI-321	2R	19321154	19439919

CH321-96N20	CHORI-321	2R	12513908	12620390
CH321-96N22	CHORI-321	2L	13719419	13802674
CH321-96O01	CHORI-321	3R	19413848	19506716
CH321-96O03	CHORI-321	3R	14276571	14359961
CH321-96O04	CHORI-321	3R	21087846	21189429
CH321-96O05	CHORI-321	3R	17610980	17700377
CH321-96O16	CHORI-321	2R	17608892	17687734
CH321-96O21	CHORI-321	3R	16059137	16145625
CH321-96O22	CHORI-321	3R	11030165	11127992
CH321-96O23	CHORI-321	2R	18524653	18605769
CH321-96P02	CHORI-321	3L	12262144	12367575
CH321-96P06	CHORI-321	2R	10623325	10719321
CH321-96P10	CHORI-321	2L	20176301	20261491
CH321-96P13	CHORI-321	2R	5188915	5286860
CH321-96P17	CHORI-321	2L	16590243	16682066
CH321-96P18	CHORI-321	2L	16454903	16546728
CH321-96P19	CHORI-321	2L	20150427	20233560
CH321-96P20	CHORI-321	3L	17802537	17903709
CH321-96P21	CHORI-321	2R	19521499	19616977
CH322-01A04	CHORI-322	2L	5103422	5127456
CH322-01A05	CHORI-322	3L	16125393	16149871
CH322-01A06	CHORI-322	3L	20193864	20214439
CH322-01A07	CHORI-322	3R	21018769	21039592
CH322-01A08	CHORI-322	4	395671	416441
CH322-01A09	CHORI-322	3R	8482930	8505406
CH322-01A11	CHORI-322	3R	12933861	12954398
CH322-01A12	CHORI-322	3R	14180175	14203326
CH322-01A17	CHORI-322	2RHet	8716	28003
CH322-01A19	CHORI-322	3L	4891255	4912697
CH322-01A21	CHORI-322	3L	3916428	3936918
CH322-01A24	CHORI-322	X	7438020	7457443
CH322-01B01	CHORI-322	X	8206356	8225852
CH322-01B02	CHORI-322	3L	22981021	23004415
CH322-01B03	CHORI-322	3R	6683143	6703513
CH322-01B06	CHORI-322	3R	25363587	25388733
CH322-01B09	CHORI-322	2R	17288788	17314461
CH322-01B10	CHORI-322	3L	20240219	20260718
CH322-01B12	CHORI-322	4	646073	666308
CH322-01B15	CHORI-322	X	19773841	19794283
CH322-01C01	CHORI-322	X	16558800	16582790
CH322-01C03	CHORI-322	3L	2569427	2592900
CH322-01C09	CHORI-322	2L	14415770	14435623
CH322-01C10	CHORI-322	X	13627354	13649827
CH322-01C11	CHORI-322	3L	13110793	13132840
CH322-01C14	CHORI-322	3R	12243614	12266975
CH322-01C15	CHORI-322	3R	13567705	13587564
CH322-01C16	CHORI-322	X	11757917	11778965
CH322-01C17	CHORI-322	3L	3046122	3070949
CH322-01C18	CHORI-322	X	19377191	19398532
CH322-01C23	CHORI-322	3R	5296711	5316310
CH322-01D05	CHORI-322	2L	2537055	2560544
CH322-01D06	CHORI-322	2R	20805460	20826764
CH322-01D08	CHORI-322	2R	19210263	19233958
CH322-01D09	CHORI-322	3L	9566274	9588931

CH322-01D13	CHORI-322	3R	21768191	21791963
CH322-01D14	CHORI-322	3R	11931185	11952142
CH322-01D15	CHORI-322	X	16823218	16844374
CH322-01D20	CHORI-322	2R	20795082	20815545
CH322-01D21	CHORI-322	3R	20344838	20365327
CH322-01D23	CHORI-322	3R	25835214	25862324
CH322-01E01	CHORI-322	3L	12529452	12549905
CH322-01E02	CHORI-322	2L	10861313	10884945
CH322-01E12	CHORI-322	2L	6355230	6376441
CH322-01E14	CHORI-322	X	6675860	6696967
CH322-01E17	CHORI-322	3L	18005593	18026533
CH322-01E19	CHORI-322	2RHet	1848551	1873068
CH322-01E22	CHORI-322	3R	24678997	24700209
CH322-01E23	CHORI-322	X	12267545	12287812
CH322-01F02	CHORI-322	2R	16809950	16832090
CH322-01F03	CHORI-322	X	884657	907045
CH322-01F04	CHORI-322	2L	9787751	9807924
CH322-01F09	CHORI-322	3L	7007705	7025866
CH322-01F11	CHORI-322	3L	7165774	7189892
CH322-01F18	CHORI-322	2R	6781354	6804713
CH322-01F22	CHORI-322	2R	9012660	9034773
CH322-01G01	CHORI-322	3L	16324069	16344948
CH322-01G04	CHORI-322	3L	7882518	7904912
CH322-01G08	CHORI-322	X	4416704	4437053
CH322-01G12	CHORI-322	3R	1430600	1450752
CH322-01G14	CHORI-322	X	948835	971445
CH322-01G18	CHORI-322	2R	15221626	15242736
CH322-01G19	CHORI-322	2L	13906580	13927748
CH322-01G21	CHORI-322	X	1186592	1210635
CH322-01H01	CHORI-322	3L	11987071	12008215
CH322-01H02	CHORI-322	X	15851227	15874438
CH322-01H03	CHORI-322	3R	21053396	21076541
CH322-01H06	CHORI-322	2R	12100615	12125433
CH322-01H07	CHORI-322	2L	14193196	14214253
CH322-01H11	CHORI-322	3L	22344777	22365083
CH322-01H12	CHORI-322	2R	3019261	3041158
CH322-01H13	CHORI-322	2R	6952262	6977470
CH322-01H14	CHORI-322	3R	7787043	7808632
CH322-01I02	CHORI-322	X	14782304	14803637
CH322-01I13	CHORI-322	2L	6477920	6499176
CH322-01I18	CHORI-322	2R	12860189	12884774
CH322-01J03	CHORI-322	3R	2188859	2209808
CH322-01J04	CHORI-322	X	15707584	15727481
CH322-01J09	CHORI-322	2L	9279135	9299027
CH322-01J12	CHORI-322	X	15556698	15577473
CH322-01J16	CHORI-322	2L	10410197	10433842
CH322-01J21	CHORI-322	X	16692810	16712706
CH322-01K02	CHORI-322	2R	19072146	19091540
CH322-01K03	CHORI-322	2L	9304528	9327931
CH322-01K04	CHORI-322	3R	14181142	14200201
CH322-01K10	CHORI-322	2L	13486674	13510255
CH322-01K16	CHORI-322	X	10219963	10240891
CH322-01K17	CHORI-322	2L	19925372	19946517
CH322-01L02	CHORI-322	2L	742597	763366

CH322-01L03	CHORI-322	3R	3731156	3754039
CH322-01L04	CHORI-322	3R	10841578	10863702
CH322-01L06	CHORI-322	3R	19718315	19739608
CH322-01L10	CHORI-322	3R	6282398	6302130
CH322-01L12	CHORI-322	3R	6575355	6595785
CH322-01L13	CHORI-322	3L	22103201	22126230
CH322-01L22	CHORI-322	2L	19747379	19771727
CH322-01L23	CHORI-322	2R	19095997	19116779
CH322-01M07	CHORI-322	2R	11843755	11865979
CH322-01M10	CHORI-322	X	1538719	1564924
CH322-01M11	CHORI-322	X	3357858	3380487
CH322-01M16	CHORI-322	3R	4222066	4242676
CH322-01M17	CHORI-322	2R	4097354	4118730
CH322-01M19	CHORI-322	3R	17547808	17567839
CH322-01M22	CHORI-322	3R	5287371	5307097
CH322-01N05	CHORI-322	3L	1229131	1253618
CH322-01N07	CHORI-322	X	5844766	5864483
CH322-01N10	CHORI-322	3L	23743263	23765073
CH322-01N12	CHORI-322	X	2096130	2122769
CH322-01N13	CHORI-322	2L	4003354	4022803
CH322-01N16	CHORI-322	3L	13383086	13402260
CH322-01N18	CHORI-322	3L	23563330	23584048
CH322-01N19	CHORI-322	2R	19076851	19097992
CH322-01N20	CHORI-322	2L	6714664	6734896
CH322-01O04	CHORI-322	3L	22509122	22530823
CH322-01O06	CHORI-322	3R	500246	523569
CH322-01O09	CHORI-322	2R	11871709	11892509
CH322-01P04	CHORI-322	3R	2836205	2858334
CH322-01P07	CHORI-322	3L	14998800	15020851
CH322-01P08	CHORI-322	3L	1005463	1026637
CH322-01P10	CHORI-322	3L	1575026	1596962
CH322-01P11	CHORI-322	3R	24529607	24553307
CH322-01P12	CHORI-322	2R	6747173	6768303
CH322-02A01	CHORI-322	2L	6559675	6582694
CH322-02A04	CHORI-322	2R	6980975	7003922
CH322-02A06	CHORI-322	2R	17154766	17175895
CH322-02A07	CHORI-322	2L	14610897	14634511
CH322-02A08	CHORI-322	X	20746273	20765948
CH322-02A10	CHORI-322	3R	20615208	20636986
CH322-02A17	CHORI-322	3L	3684222	3706850
CH322-02A19	CHORI-322	2L	6397111	6417805
CH322-02A21	CHORI-322	3R	9984491	10003837
CH322-02B01	CHORI-322	2R	20838278	20862743
CH322-02B06	CHORI-322	2R	20473653	20497916
CH322-02B11	CHORI-322	3L	21103707	21123227
CH322-02B12	CHORI-322	2R	10194137	10215364
CH322-02B14	CHORI-322	2L	8039073	8061894
CH322-02B17	CHORI-322	X	6703001	6729274
CH322-02B18	CHORI-322	2L	3643386	3663399
CH322-02B19	CHORI-322	2L	11161075	11180223
CH322-02C04	CHORI-322	2R	1946569	1969934
CH322-02C08	CHORI-322	X	8453486	8475243
CH322-02C11	CHORI-322	2R	5031310	5054205
CH322-02C13	CHORI-322	3L	21810182	21831245

CH322-02C15	CHORI-322	2R	16818824	16842512
CH322-02C21	CHORI-322	2L	12008159	12030628
CH322-02D01	CHORI-322	3R	13270049	13290928
CH322-02D05	CHORI-322	X	9118706	9138961
CH322-02D06	CHORI-322	2L	15230076	15251040
CH322-02D12	CHORI-322	3R	17379461	17403306
CH322-02D14	CHORI-322	2L	16414229	16435666
CH322-02D15	CHORI-322	3R	19431793	19452767
CH322-02D17	CHORI-322	X	20136268	20156433
CH322-02D20	CHORI-322	3L	24504792	24524004
CH322-02E07	CHORI-322	X	22035202	22055364
CH322-02E11	CHORI-322	3L	1455789	1477239
CH322-02E22	CHORI-322	3L	8548330	8568351
CH322-02F01	CHORI-322	2L	8463239	8487464
CH322-02F03	CHORI-322	3R	9802521	9826939
CH322-02F04	CHORI-322	2L	10058527	10081242
CH322-02F10	CHORI-322	3L	5824333	5845719
CH322-02F12	CHORI-322	3L	15698557	15721145
CH322-02F13	CHORI-322	4	387115	408516
CH322-02G02	CHORI-322	X	1313725	1335853
CH322-02G06	CHORI-322	2R	13441631	13462713
CH322-02G09	CHORI-322	X	15266949	15288734
CH322-02G12	CHORI-322	2L	1985933	2008366
CH322-02G13	CHORI-322	2L	893918	915568
CH322-02G14	CHORI-322	3R	5576625	5600994
CH322-02G15	CHORI-322	2L	13880984	13903374
CH322-02G21	CHORI-322	3L	1065486	1088293
CH322-02G22	CHORI-322	2R	11179369	11204052
CH322-02H09	CHORI-322	X	12514010	12534870
CH322-02I12	CHORI-322	2R	7855282	7877878
CH322-02J01	CHORI-322	2L	11514070	11534344
CH322-02J02	CHORI-322	2L	6303051	6321718
CH322-02J04	CHORI-322	2L	83621	104395
CH322-02J05	CHORI-322	3L	11693188	11715366
CH322-02J11	CHORI-322	X	6492738	6513773
CH322-02J14	CHORI-322	3R	10618811	10640816
CH322-02K04	CHORI-322	2R	8711949	8731408
CH322-02K08	CHORI-322	3L	1835038	1858853
CH322-02K11	CHORI-322	3L	19433596	19454446
CH322-02K12	CHORI-322	3L	4921114	4942311
CH322-02K13	CHORI-322	3R	19452699	19474322
CH322-02K24	CHORI-322	3R	25387426	25410787
CH322-02L01	CHORI-322	3L	20766003	20787379
CH322-02L13	CHORI-322	3R	25928173	25948817
CH322-02L15	CHORI-322	3R	18606618	18630275
CH322-02L16	CHORI-322	2R	19824812	19847228
CH322-02L21	CHORI-322	2R	12971738	12993413
CH322-02L24	CHORI-322	3L	14398084	14418005
CH322-02M03	CHORI-322	2R	13651124	13674367
CH322-02M05	CHORI-322	3R	22869174	22891993
CH322-02M06	CHORI-322	2L	10346269	10367535
CH322-02M09	CHORI-322	4	202202	222556
CH322-02M10	CHORI-322	3R	6593983	6615578
CH322-02M11	CHORI-322	3R	20740385	20761928

CH322-02M12	CHORI-322	3L	18187763	18211588
CH322-02M14	CHORI-322	2R	16014652	16034654
CH322-02M15	CHORI-322	2L	7792841	7815703
CH322-02M17	CHORI-322	2L	15220158	15240512
CH322-02M18	CHORI-322	2R	13431263	13452503
CH322-02M19	CHORI-322	4	394281	416441
CH322-02M22	CHORI-322	X	16697029	16712858
CH322-02N01	CHORI-322	2L	8788003	8809652
CH322-02N03	CHORI-322	X	17283723	17303407
CH322-02N04	CHORI-322	3L	7107437	7128742
CH322-02N06	CHORI-322	2L	10506524	10529796
CH322-02N08	CHORI-322	3R	3721344	3741911
CH322-02N12	CHORI-322	2L	7359679	7383082
CH322-02N14	CHORI-322	2L	2533334	2553020
CH322-02N15	CHORI-322	3L	9593022	9616671
CH322-02N18	CHORI-322	3L	20744336	20766301
CH322-02N21	CHORI-322	X	9924168	9948263
CH322-02O02	CHORI-322	3R	5238934	5261919
CH322-02O03	CHORI-322	3L	5005054	5026584
CH322-02O06	CHORI-322	2L	22587957	22608051
CH322-02O08	CHORI-322	X	3928377	3951705
CH322-02O09	CHORI-322	2R	1669949	1692849
CH322-02O12	CHORI-322	2R	20453361	20475095
CH322-02O13	CHORI-322	2R	20386572	20408086
CH322-02O14	CHORI-322	3L	7459728	7478365
CH322-02O21	CHORI-322	3R	993709	1016147
CH322-02O22	CHORI-322	2L	19561815	19584948
CH322-02P03	CHORI-322	3R	1134102	1158023
CH322-02P04	CHORI-322	2L	10589806	10608969
CH322-02P05	CHORI-322	2R	8242995	8265061
CH322-02P08	CHORI-322	3R	13523834	13547250
CH322-02P09	CHORI-322	3R	15356831	15379392
CH322-02P10	CHORI-322	3L	23720648	23739038
CH322-02P12	CHORI-322	2R	16422292	16444776
CH322-02P13	CHORI-322	2L	5914584	5938796
CH322-02P14	CHORI-322	3R	24063108	24083746
CH322-02P15	CHORI-322	X	19621735	19646761
CH322-02P16	CHORI-322	2R	15461061	15483821
CH322-02P17	CHORI-322	2L	19751980	19774003
CH322-02P18	CHORI-322	3L	6502665	6523834
CH322-02P20	CHORI-322	2R	8026486	8049285
CH322-03A01	CHORI-322	3R	25548306	25568673
CH322-03A02	CHORI-322	3R	7388104	7412485
CH322-03A05	CHORI-322	2R	6030356	6049625
CH322-03A06	CHORI-322	2R	4805350	4828211
CH322-03A08	CHORI-322	2L	5309705	5332353
CH322-03A10	CHORI-322	3R	3947938	3971326
CH322-03A19	CHORI-322	3R	7832929	7855799
CH322-03A21	CHORI-322	X	10998777	11020860
CH322-03A22	CHORI-322	3R	18567375	18588363
CH322-03A23	CHORI-322	3L	12566349	12586703
CH322-03A24	CHORI-322	2L	4286640	4308251
CH322-03B01	CHORI-322	2R	5254059	5274417
CH322-03B02	CHORI-322	3L	3861734	3883697

CH322-03B03	CHORI-322	3L	12736291	12758517
CH322-03B07	CHORI-322	X	74673 94907	
CH322-03B08	CHORI-322	3R	17673926	17694303
CH322-03B09	CHORI-322	X	3658815	3679380
CH322-03B10	CHORI-322	3R	1021215	1045118
CH322-03B12	CHORI-322	2R	20340063	20361572
CH322-03B13	CHORI-322	X	7182928	7203302
CH322-03B14	CHORI-322	3R	16017906	16038722
CH322-03B24	CHORI-322	3L	794795	815754
CH322-03C01	CHORI-322	3R	23770338	23789839
CH322-03C02	CHORI-322	3L	6856509	6880118
CH322-03C03	CHORI-322	3R	21869589	21894754
CH322-03C09	CHORI-322	3R	7410077	7431737
CH322-03C10	CHORI-322	3L	14216559	14238789
CH322-03C11	CHORI-322	3R	26454191	26478982
CH322-03C21	CHORI-322	3L	20557587	20580336
CH322-03C22	CHORI-322	3R	26553526	26574519
CH322-03C23	CHORI-322	3L	14988600	15008798
CH322-03D01	CHORI-322	3L	12781427	12802608
CH322-03D02	CHORI-322	X	19900916	19923763
CH322-03D09	CHORI-322	2L	10427164	10448407
CH322-03D10	CHORI-322	X	5857461	5879567
CH322-03D17	CHORI-322	3R	19251651	19275559
CH322-03D18	CHORI-322	3L	22234775	22257871
CH322-03D20	CHORI-322	X	20325752	20344773
CH322-03D21	CHORI-322	2L	9346948	9369616
CH322-03E05	CHORI-322	X	17560991	17583988
CH322-03E06	CHORI-322	3R	9501751	9524122
CH322-03E07	CHORI-322	2R	6156462	6177696
CH322-03E08	CHORI-322	2L	5017529	5040003
CH322-03E09	CHORI-322	2L	495770	520873
CH322-03E12	CHORI-322	3R	18813964	18837872
CH322-03E15	CHORI-322	2R	13654121	13677901
CH322-03E16	CHORI-322	X	17267377	17287829
CH322-03E21	CHORI-322	X	8973591	8995925
CH322-03F01	CHORI-322	3R	666002	689890
CH322-03F03	CHORI-322	2R	7414626	7435266
CH322-03F04	CHORI-322	X	5853324	5873059
CH322-03F05	CHORI-322	3L	8901107	8923497
CH322-03F08	CHORI-322	3L	4086768	4111504
CH322-03F10	CHORI-322	2L	3274428	3296876
CH322-03F18	CHORI-322	3R	25341003	25363256
CH322-03F21	CHORI-322	3L	2137282	2160956
CH322-03F22	CHORI-322	2L	20266337	20293087
CH322-03G03	CHORI-322	3L	4688159	4710355
CH322-03G04	CHORI-322	2R	5677943	5703476
CH322-03G08	CHORI-322	2L	3800453	3824401
CH322-03G12	CHORI-322	3L	13918846	13938516
CH322-03G21	CHORI-322	3L	13715303	13738271
CH322-03G23	CHORI-322	X	19653977	19677283
CH322-03H01	CHORI-322	2R	9447906	9468120
CH322-03H02	CHORI-322	3L	2318219	2339017
CH322-03H03	CHORI-322	3R	16548162	16569576
CH322-03H05	CHORI-322	3L	9018402	9041235

CH322-03H06	CHORI-322	3R	10725994	10745681
CH322-03H22	CHORI-322	3L	3506350	3529638
CH322-03I03	CHORI-322	3R	8095185	8114679
CH322-03I04	CHORI-322	3L	2106761	2130193
CH322-03I06	CHORI-322	3L	8750000	8770261
CH322-03I12	CHORI-322	X	18401646	18424852
CH322-03I14	CHORI-322	3R	3596721	3619870
CH322-03J01	CHORI-322	3R	27532781	27555032
CH322-03J03	CHORI-322	3R	269762	293948
CH322-03J04	CHORI-322	2L	2650087	2670345
CH322-03J09	CHORI-322	3R	17181538	17205906
CH322-03J13	CHORI-322	3L	16509152	16531602
CH322-03J23	CHORI-322	2R	19581340	19606355
CH322-03K02	CHORI-322	2L	7191627	7211624
CH322-03K05	CHORI-322	X	14163840	14184562
CH322-03K06	CHORI-322	3L	17653996	17675954
CH322-03K09	CHORI-322	3L	15244686	15267020
CH322-03K12	CHORI-322	2L	5415418	5436663
CH322-03K13	CHORI-322	3L	8566597	8584716
CH322-03L01	CHORI-322	2R	19568507	19585868
CH322-03L05	CHORI-322	3R	2867739	2889670
CH322-03L07	CHORI-322	3L	10816771	10839426
CH322-03L08	CHORI-322	X	20982115	21002550
CH322-03L12	CHORI-322	2R	15194972	15219324
CH322-03L13	CHORI-322	X	16553852	16574953
CH322-03L14	CHORI-322	2L	20660200	20685017
CH322-03L16	CHORI-322	3R	26807153	26830808
CH322-03M01	CHORI-322	X	12760264	12783552
CH322-03M02	CHORI-322	3R	2019370	2043666
CH322-03M03	CHORI-322	3L	20131602	20152244
CH322-03M06	CHORI-322	3R	4797356	4818920
CH322-03M08	CHORI-322	X	11015945	11037781
CH322-03M11	CHORI-322	3L	11839447	11863858
CH322-03M12	CHORI-322	2L	2268188	2287457
CH322-03M17	CHORI-322	3L	7931112	7953546
CH322-03M18	CHORI-322	3L	20533622	20556402
CH322-03M20	CHORI-322	2L	4958499	4983955
CH322-03M22	CHORI-322	2L	13619034	13639689
CH322-03M23	CHORI-322	X	10715200	10738899
CH322-03N01	CHORI-322	3L	3236866	3260740
CH322-03N02	CHORI-322	3L	268799	290061
CH322-03N03	CHORI-322	X	18775193	18794728
CH322-03N04	CHORI-322	2L	15349263	15371615
CH322-03N06	CHORI-322	X	1925177	1947220
CH322-03N07	CHORI-322	2R	9403116	9425087
CH322-03N08	CHORI-322	3L	1591226	1612666
CH322-03N10	CHORI-322	X	12927792	12948736
CH322-03N14	CHORI-322	3L	15180393	15203511
CH322-03N16	CHORI-322	2R	13525830	13549402
CH322-03N17	CHORI-322	3L	17121691	17143471
CH322-03N18	CHORI-322	3L	4099913	4121538
CH322-03N19	CHORI-322	3R	6055184	6077573
CH322-03N20	CHORI-322	2L	272224	296773
CH322-03O01	CHORI-322	X	13643718	13665596

CH322-03O02	CHORI-322	3L	812027	829497
CH322-03O04	CHORI-322	3L	19488747	19511168
CH322-03O06	CHORI-322	3R	4979608	4998737
CH322-03O07	CHORI-322	2L	4967826	4990512
CH322-03O08	CHORI-322	2R	8832631	8855363
CH322-03O10	CHORI-322	X	9468554	9487871
CH322-03O11	CHORI-322	2R	9430949	9454606
CH322-03O12	CHORI-322	3R	26757655	26781262
CH322-03O13	CHORI-322	2R	1887881	1909733
CH322-03O14	CHORI-322	X	17917059	17941122
CH322-03O18	CHORI-322	3R	12072543	12097337
CH322-03O24	CHORI-322	3L	16013073	16034195
CH322-03P01	CHORI-322	3R	709421	731795
CH322-03P05	CHORI-322	3R	5526057	5548276
CH322-03P08	CHORI-322	3R	9071731	9093835
CH322-03P13	CHORI-322	2R	17078789	17098909
CH322-03P19	CHORI-322	X	11336716	11356594
CH322-04A04	CHORI-322	3R	2752979	2776097
CH322-04A10	CHORI-322	3R	18119999	18141471
CH322-04A11	CHORI-322	2L	8657799	8682197
CH322-04A17	CHORI-322	3R	6776476	6797602
CH322-04A21	CHORI-322	3R	2184424	2206670
CH322-04A23	CHORI-322	X	45073 64553	
CH322-04B01	CHORI-322	3L	13131965	13153273
CH322-04B03	CHORI-322	X	1487133	1507548
CH322-04B04	CHORI-322	2L	707775	729242
CH322-04B06	CHORI-322	3R	4943423	4965080
CH322-04B07	CHORI-322	3L	13858346	13879297
CH322-04B08	CHORI-322	2R	19117345	19138766
CH322-04B09	CHORI-322	2R	1206830	1226833
CH322-04B11	CHORI-322	3R	4620790	4642118
CH322-04B12	CHORI-322	2R	20206823	20226498
CH322-04B14	CHORI-322	2R	7767861	7791229
CH322-04B15	CHORI-322	2R	5797121	5817012
CH322-04B18	CHORI-322	3R	6598470	6619022
CH322-04B24	CHORI-322	3L	22495404	22515827
CH322-04C06	CHORI-322	2L	3880910	3903333
CH322-04C09	CHORI-322	3L	689631	712894
CH322-04C10	CHORI-322	3R	9782362	9799180
CH322-04C11	CHORI-322	2R	11692569	11714393
CH322-04C13	CHORI-322	2R	17925831	17947302
CH322-04C17	CHORI-322	X	6224550	6245099
CH322-04C19	CHORI-322	3L	15162912	15182298
CH322-04C21	CHORI-322	3L	14777514	14796550
CH322-04C22	CHORI-322	2R	5296782	5320063
CH322-04C24	CHORI-322	2L	15391829	15415906
CH322-04D01	CHORI-322	X	12734512	12756461
CH322-04D03	CHORI-322	2R	19581219	19605066
CH322-04D04	CHORI-322	2L	3691299	3716096
CH322-04D05	CHORI-322	3R	18782968	18807303
CH322-04D07	CHORI-322	2L	10702632	10723340
CH322-04D09	CHORI-322	2R	19569698	19591765
CH322-04D10	CHORI-322	3R	8156197	8176532
CH322-04D12	CHORI-322	4	784479	807124

CH322-04D14	CHORI-322	2R	7731183	7751846
CH322-04D16	CHORI-322	2R	18378030	18399801
CH322-04D17	CHORI-322	2R	1519816	1540050
CH322-04D20	CHORI-322	2R	8385901	8405921
CH322-04E01	CHORI-322	3R	1382357	1404504
CH322-04E02	CHORI-322	3L	8783046	8808409
CH322-04E03	CHORI-322	X	2613526	2635217
CH322-04E05	CHORI-322	2R	16508213	16529262
CH322-04E06	CHORI-322	X	2107891	2125976
CH322-04E07	CHORI-322	3R	20856699	20881636
CH322-04E09	CHORI-322	3R	5870779	5890677
CH322-04E11	CHORI-322	X	18575794	18595901
CH322-04E12	CHORI-322	2L	6021887	6042897
CH322-04E13	CHORI-322	3L	620687	640358
CH322-04E15	CHORI-322	3L	6080862	6104876
CH322-04E17	CHORI-322	3R	11699567	11719553
CH322-04E21	CHORI-322	3R	3053466	3074587
CH322-04E22	CHORI-322	2L	19161724	19182682
CH322-04E23	CHORI-322	3R	14472097	14493868
CH322-04E24	CHORI-322	3R	26308600	26332032
CH322-04F02	CHORI-322	3L	20103834	20124404
CH322-04F15	CHORI-322	X	15058217	15080534
CH322-04F21	CHORI-322	3L	20776608	20801251
CH322-04F22	CHORI-322	3L	8381537	8403187
CH322-04F23	CHORI-322	3L	1198076	1219775
CH322-04F24	CHORI-322	X	653116	674597
CH322-04G01	CHORI-322	2L	9891954	9914330
CH322-04G03	CHORI-322	3R	6584395	6606898
CH322-04G05	CHORI-322	X	209733	231496
CH322-04G11	CHORI-322	2L	2219630	2240456
CH322-04G12	CHORI-322	3R	23042176	23063433
CH322-04G13	CHORI-322	2L	20851262	20871521
CH322-04G14	CHORI-322	2L	15322796	15345163
CH322-04G23	CHORI-322	3L	20195335	20218935
CH322-04H01	CHORI-322	3R	20165714	20187027
CH322-04H03	CHORI-322	X	5891130	5914443
CH322-04H04	CHORI-322	3L	11981205	12003719
CH322-04H05	CHORI-322	3R	25416713	25441058
CH322-04H09	CHORI-322	X	8301069	8320070
CH322-04H10	CHORI-322	3L	5790852	5811798
CH322-04H12	CHORI-322	2L	5872912	5892925
CH322-04H13	CHORI-322	3R	7522394	7543096
CH322-04H17	CHORI-322	3L	14692337	14709659
CH322-04H20	CHORI-322	3R	20965165	20984345
CH322-04H21	CHORI-322	2L	17742848	17764321
CH322-04I01	CHORI-322	3R	10152090	10169727
CH322-04I02	CHORI-322	3L	497620	518570
CH322-04I04	CHORI-322	X	17160625	17182441
CH322-04I05	CHORI-322	2L	15199514	15221861
CH322-04I06	CHORI-322	X	10067823	10085600
CH322-04I09	CHORI-322	2L	12589838	12610897
CH322-04I11	CHORI-322	3R	25682370	25703205
CH322-04I13	CHORI-322	2L	20657891	20680598
CH322-04I23	CHORI-322	X	6515662	6534687

CH322-04J01	CHORI-322	3L	20267874	20287849
CH322-04J02	CHORI-322	3L	1503307	1521898
CH322-04J04	CHORI-322	2R	11283062	11303293
CH322-04J11	CHORI-322	3L	12617904	12639345
CH322-04J14	CHORI-322	3R	10429743	10450432
CH322-04J17	CHORI-322	3R	20748547	20770015
CH322-04K03	CHORI-322	X	9374600	9392000
CH322-04K04	CHORI-322	3L	6984372	7004107
CH322-04K05	CHORI-322	3L	9754388	9772766
CH322-04K08	CHORI-322	3L	10819690	10841101
CH322-04K10	CHORI-322	3L	20920821	20941883
CH322-04K12	CHORI-322	3L	14910719	14931250
CH322-04K13	CHORI-322	3L	16190833	16211366
CH322-04L01	CHORI-322	X	6840564	6858832
CH322-04L03	CHORI-322	3R	16475439	16496975
CH322-04L06	CHORI-322	3L	15000090	15020921
CH322-04L07	CHORI-322	3L	17667118	17685576
CH322-04L09	CHORI-322	3L	14470895	14490912
CH322-04L11	CHORI-322	2L	10071602	10092526
CH322-04L13	CHORI-322	X	2533351	2554121
CH322-04L14	CHORI-322	3R	27607940	27629146
CH322-04L16	CHORI-322	3R	13156993	13176870
CH322-04L21	CHORI-322	X	2912243	2932948
CH322-04M02	CHORI-322	X	21111525	21133545
CH322-04M03	CHORI-322	X	841491	863155
CH322-04M04	CHORI-322	2L	15262521	15284990
CH322-04M05	CHORI-322	3R	21368235	21384846
CH322-04M06	CHORI-322	2R	6213598	6235523
CH322-04M11	CHORI-322	3R	6095521	6117095
CH322-04M13	CHORI-322	3R	5242092	5262322
CH322-04M14	CHORI-322	X	1177422	1202054
CH322-04M15	CHORI-322	3L	16492194	16514179
CH322-04M16	CHORI-322	2L	19011363	19031311
CH322-04M17	CHORI-322	3R	17092346	17112400
CH322-04M18	CHORI-322	3L	11481511	11502231
CH322-04M19	CHORI-322	3R	12027857	12047769
CH322-04M20	CHORI-322	X	3167875	3190544
CH322-04M21	CHORI-322	2R	20103246	20124568
CH322-04M22	CHORI-322	3L	1789934	1810856
CH322-04M23	CHORI-322	3R	25698179	25720224
CH322-04M24	CHORI-322	2L	6099810	6118989
CH322-04N01	CHORI-322	4	727897	748602
CH322-04N02	CHORI-322	3L	14569528	14591040
CH322-04N03	CHORI-322	X	1386511	1408699
CH322-04N06	CHORI-322	3L	4933384	4953033
CH322-04N07	CHORI-322	3L	12599091	12618931
CH322-04N08	CHORI-322	X	19046256	19068621
CH322-04N09	CHORI-322	2R	4903087	4922126
CH322-04N10	CHORI-322	3L	21805795	21825025
CH322-04N11	CHORI-322	3R	11631731	11653566
CH322-04N12	CHORI-322	3L	8074233	8097122
CH322-04N13	CHORI-322	3R	20967959	20986004
CH322-04N15	CHORI-322	3R	10785956	10808706
CH322-04N16	CHORI-322	3L	6110749	6129220

CH322-04N17	CHORI-322	2L	14148393	14169711
CH322-04N19	CHORI-322	3R	13110639	13129412
CH322-04N20	CHORI-322	3R	2081419	2099907
CH322-04N23	CHORI-322	3R	2755836	2775071
CH322-04N24	CHORI-322	X	2250925	2269899
CH322-04O02	CHORI-322	2R	9257486	9279517
CH322-04O04	CHORI-322	3R	6160392	6178694
CH322-04O05	CHORI-322	2R	2540770	2559374
CH322-04O07	CHORI-322	3L	21507390	21526765
CH322-04O08	CHORI-322	2L	11587004	11605466
CH322-04O11	CHORI-322	2L	14524961	14543306
CH322-04O13	CHORI-322	3R	27580435	27599988
CH322-04O14	CHORI-322	3R	20733403	20751898
CH322-04O15	CHORI-322	2L	13495736	13514057
CH322-04O17	CHORI-322	2R	15728711	15750320
CH322-04O18	CHORI-322	2L	13026996	13045987
CH322-04O19	CHORI-322	X	18151946	18176294
CH322-04O20	CHORI-322	3L	22233873	22253105
CH322-04O21	CHORI-322	2L	2441112	2461438
CH322-04O22	CHORI-322	X	10339525	10360484
CH322-04O23	CHORI-322	3L	8904852	8924311
CH322-04P01	CHORI-322	3R	27446672	27466909
CH322-04P02	CHORI-322	3R	12830744	12852999
CH322-04P03	CHORI-322	2L	17830730	17851861
CH322-04P04	CHORI-322	X	7847382	7870572
CH322-04P05	CHORI-322	3L	21173226	21191599
CH322-04P06	CHORI-322	3R	19802549	19820413
CH322-04P08	CHORI-322	2L	6237581	6255491
CH322-04P09	CHORI-322	2L	17626654	17646495
CH322-04P10	CHORI-322	3L	12788665	12807395
CH322-04P11	CHORI-322	3L	18128344	18148650
CH322-04P16	CHORI-322	X	18007246	18025787
CH322-04P17	CHORI-322	3L	20273350	20291982
CH322-04P18	CHORI-322	2L	4657466	4676393
CH322-04P21	CHORI-322	2L	16552871	16570937
CH322-05A01	CHORI-322	2L	7272679	7294077
CH322-05A02	CHORI-322	3L	23322651	23346988
CH322-05A03	CHORI-322	3R	7537893	7558170
CH322-05A04	CHORI-322	3L	18875989	18897112
CH322-05A05	CHORI-322	3L	4021787	4045821
CH322-05A06	CHORI-322	3L	4546875	4569981
CH322-05A07	CHORI-322	3R	4322639	4345369
CH322-05A08	CHORI-322	3R	4992368	5014128
CH322-05A11	CHORI-322	2L	18977390	18998692
CH322-05A14	CHORI-322	3L	12790873	12812793
CH322-05A20	CHORI-322	X	2468089	2488684
CH322-05A22	CHORI-322	X	7367584	7387076
CH322-05A23	CHORI-322	3R	19165750	19187309
CH322-05B02	CHORI-322	X	12632932	12657172
CH322-05B03	CHORI-322	3L	21798321	21819024
CH322-05B04	CHORI-322	3L	22493203	22516112
CH322-05B05	CHORI-322	3L	4003766	4025026
CH322-05B07	CHORI-322	2L	21303555	21322746
CH322-05B08	CHORI-322	3R	14321491	14341678

CH322-05B09	CHORI-322	3R	9350024	9369606
CH322-05B13	CHORI-322	3L	15671151	15692707
CH322-05B14	CHORI-322	3R	5014216	5034986
CH322-05B15	CHORI-322	2R	5518114	5539810
CH322-05B16	CHORI-322	2L	19365231	19387197
CH322-05B17	CHORI-322	2L	10148718	10171038
CH322-05B18	CHORI-322	X	3889869	3910362
CH322-05B20	CHORI-322	2R	3431336	3450642
CH322-05B23	CHORI-322	3R	2741384	2760449
CH322-05B24	CHORI-322	3L	631192	651473
CH322-05C02	CHORI-322	3L	650503	673452
CH322-05C06	CHORI-322	3R	1687553	1711003
CH322-05C08	CHORI-322	3R	8460245	8485042
CH322-05C09	CHORI-322	2R	12902705	12922788
CH322-05C10	CHORI-322	X	16598108	16620092
CH322-05C11	CHORI-322	2L	8161945	8183309
CH322-05C12	CHORI-322	2L	3807063	3829990
CH322-05C13	CHORI-322	X	2802807	2826213
CH322-05C14	CHORI-322	X	6670091	6694033
CH322-05C15	CHORI-322	2L	20829884	20849983
CH322-05C16	CHORI-322	3R	7108461	7130199
CH322-05C17	CHORI-322	2L	8739576	8758290
CH322-05C18	CHORI-322	2L	20791248	20813317
CH322-05C21	CHORI-322	3L	15069710	15093599
CH322-05C22	CHORI-322	3R	15292008	15315531
CH322-05D03	CHORI-322	3R	3193528	3215822
CH322-05D04	CHORI-322	3L	14756160	14780438
CH322-05D07	CHORI-322	3R	15077520	15102136
CH322-05D08	CHORI-322	2R	15388870	15407889
CH322-05D10	CHORI-322	2R	16809950	16832091
CH322-05D11	CHORI-322	2R	19578892	19601537
CH322-05D12	CHORI-322	3L	18059070	18082465
CH322-05D13	CHORI-322	3L	9740728	9761897
CH322-05D14	CHORI-322	3R	17952534	17976279
CH322-05D15	CHORI-322	3L	5788906	5810145
CH322-05D16	CHORI-322	3R	3443672	3466778
CH322-05D17	CHORI-322	3R	19352283	19375285
CH322-05D18	CHORI-322	3R	14701703	14720508
CH322-05D22	CHORI-322	2R	18924408	18947902
CH322-05E02	CHORI-322	3L	21026742	21047092
CH322-05E03	CHORI-322	3R	5196769	5220593
CH322-05E04	CHORI-322	3L	3614846	3635584
CH322-05E05	CHORI-322	3R	20719626	20739304
CH322-05E06	CHORI-322	2L	7482773	7505212
CH322-05E07	CHORI-322	2R	1762108	1786587
CH322-05E11	CHORI-322	3R	12965770	12985664
CH322-05E14	CHORI-322	3R	27300315	27323070
CH322-05E15	CHORI-322	3R	11377618	11398916
CH322-05E18	CHORI-322	X	12013215	12036408
CH322-05E21	CHORI-322	2L	18977265	18999145
CH322-05E22	CHORI-322	3R	20707287	20727662
CH322-05F03	CHORI-322	2L	21814799	21837413
CH322-05F04	CHORI-322	3R	2657077	2679241
CH322-05F05	CHORI-322	3L	17964880	17985131

CH322-05F11	CHORI-322	2L	994668	1015244
CH322-05F12	CHORI-322	3R	511759	532750
CH322-05F14	CHORI-322	2L	6303051	6326983
CH322-05F18	CHORI-322	3R	27058192	27077987
CH322-05F21	CHORI-322	3R	2659165	2678360
CH322-05G01	CHORI-322	4	420934	444205
CH322-05G02	CHORI-322	3L	11615059	11636424
CH322-05G03	CHORI-322	3R	26626962	26649597
CH322-05G04	CHORI-322	2L	10217848	10240505
CH322-05G05	CHORI-322	3L	4801265	4822381
CH322-05G06	CHORI-322	3R	18130614	18154322
CH322-05G09	CHORI-322	3R	12786837	12806745
CH322-05G10	CHORI-322	2L	5965497	5986659
CH322-05G11	CHORI-322	3R	26043632	26067298
CH322-05G13	CHORI-322	3L	4415902	4437080
CH322-05G14	CHORI-322	3R	27387963	27407538
CH322-05G16	CHORI-322	3L	7550830	7571209
CH322-05G18	CHORI-322	3L	16080099	16104067
CH322-05G19	CHORI-322	2L	18732870	18756354
CH322-05G20	CHORI-322	3L	22298740	22323657
CH322-05G21	CHORI-322	3R	9106324	9128327
CH322-05G22	CHORI-322	3L	18871586	18891027
CH322-05G23	CHORI-322	2R	1180866	1199843
CH322-05H01	CHORI-322	3R	9508246	9530320
CH322-05H02	CHORI-322	2L	22219697	22242064
CH322-05H03	CHORI-322	3L	11973232	11997525
CH322-05H04	CHORI-322	2R	19761602	19783593
CH322-05H05	CHORI-322	2R	10663237	10685255
CH322-05H06	CHORI-322	2L	18184978	18209086
CH322-05H07	CHORI-322	X	19448808	19469465
CH322-05H09	CHORI-322	X	382931	405293
CH322-05H10	CHORI-322	2R	12094689	12116550
CH322-05H12	CHORI-322	3R	27405516	27429235
CH322-05H13	CHORI-322	3L	3853206	3872694
CH322-05H15	CHORI-322	3R	11037451	11062189
CH322-05H16	CHORI-322	X	2308440	2332903
CH322-05H17	CHORI-322	2L	5505180	5528838
CH322-05H20	CHORI-322	2L	5307948	5331607
CH322-05H22	CHORI-322	2R	7719487	7740960
CH322-05I03	CHORI-322	X	13643969	13664674
CH322-05I05	CHORI-322	3L	19583474	19604659
CH322-05I06	CHORI-322	2L	6818253	6839999
CH322-05I07	CHORI-322	2L	2415617	2437500
CH322-05I08	CHORI-322	3R	5241251	5262364
CH322-05I09	CHORI-322	3R	7573406	7593027
CH322-05I10	CHORI-322	X	5958234	5978347
CH322-05I11	CHORI-322	3R	12243912	12267832
CH322-05I12	CHORI-322	3R	4688017	4710564
CH322-05I13	CHORI-322	3R	26303536	26328876
CH322-05I14	CHORI-322	X	15100568	15121211
CH322-05I15	CHORI-322	3R	18453403	18476060
CH322-05I19	CHORI-322	3L	8377742	8399755
CH322-05I20	CHORI-322	3L	17336639	17357095
CH322-05I22	CHORI-322	3L	9408090	9429586

CH322-05I23	CHORI-322	3R	14499180	14522474
CH322-05I24	CHORI-322	2L	19494114	19517256
CH322-05J02	CHORI-322	2R	20528655	20553157
CH322-05J03	CHORI-322	X	10186431	10208277
CH322-05J04	CHORI-322	2R	4007149	4032103
CH322-05J05	CHORI-322	X	1109079	1131927
CH322-05J06	CHORI-322	2L	9139090	9162618
CH322-05J08	CHORI-322	2R	15042714	15065813
CH322-05J09	CHORI-322	X	16162658	16186050
CH322-05J11	CHORI-322	2L	9895528	9916744
CH322-05J13	CHORI-322	3L	19546818	19566281
CH322-05J15	CHORI-322	2L	7334028	7355125
CH322-05J17	CHORI-322	2L	9999882	10020663
CH322-05J21	CHORI-322	2L	10236765	10259149
CH322-05J24	CHORI-322	2R	12116547	12140710
CH322-05K02	CHORI-322	2L	3336268	3357625
CH322-05K03	CHORI-322	2R	11375216	11396855
CH322-05K04	CHORI-322	3R	5680763	5703089
CH322-05K07	CHORI-322	3L	16647244	16668475
CH322-05K08	CHORI-322	2L	18137043	18160077
CH322-05K10	CHORI-322	3R	986254	1006789
CH322-05K11	CHORI-322	2R	1862747	1886342
CH322-05K12	CHORI-322	2L	8417866	8440092
CH322-05K14	CHORI-322	ArmU	1351924	1373250
CH322-05K15	CHORI-322	X	19463067	19487129
CH322-05K16	CHORI-322	3R	11847205	11870598
CH322-05K19	CHORI-322	3R	6327771	6348764
CH322-05K20	CHORI-322	3L	21188525	21211295
CH322-05K22	CHORI-322	2R	20473653	20496460
CH322-05K23	CHORI-322	2R	19006161	19027516
CH322-05L01	CHORI-322	X	17851661	17875659
CH322-05L03	CHORI-322	3R	26381861	26407568
CH322-05L04	CHORI-322	2R	17893643	17915128
CH322-05L05	CHORI-322	2R	12534988	12554635
CH322-05L08	CHORI-322	2R	15938237	15961408
CH322-05L09	CHORI-322	2L	4576690	4597761
CH322-05L10	CHORI-322	X	6520238	6540612
CH322-05L11	CHORI-322	3L	6834135	6856512
CH322-05L12	CHORI-322	2R	19767490	19791724
CH322-05L14	CHORI-322	2R	17001015	17022442
CH322-05L17	CHORI-322	3R	12649893	12672533
CH322-05L18	CHORI-322	2R	7660808	7685291
CH322-05L19	CHORI-322	2L	17118894	17138344
CH322-05L20	CHORI-322	2R	1670306	1692849
CH322-05L23	CHORI-322	2L	10961075	10980074
CH322-05L24	CHORI-322	2L	18012066	18034096
CH322-05M01	CHORI-322	X	157397	176481
CH322-05M02	CHORI-322	3R	9642415	9662660
CH322-05M03	CHORI-322	3R	4515259	4539351
CH322-05M04	CHORI-322	2L	684972	706081
CH322-05M06	CHORI-322	3L	15152080	15172894
CH322-05M10	CHORI-322	3L	6825191	6848782
CH322-05M11	CHORI-322	3R	521743	544933
CH322-05M12	CHORI-322	3R	26649594	26670511

CH322-05M13	CHORI-322	3L	23696035	23717581
CH322-05M15	CHORI-322	3LHet	598388	620842
CH322-05M16	CHORI-322	2RHet	2884454	2904730
CH322-05M17	CHORI-322	3R	2172512	2194054
CH322-05M18	CHORI-322	3R	2170002	2191252
CH322-05M20	CHORI-322	2L	16268981	16290426
CH322-05M22	CHORI-322	3L	11972560	11993953
CH322-05M23	CHORI-322	X	8950558	8975670
CH322-05M24	CHORI-322	2R	12110481	12132132
CH322-05N01	CHORI-322	3R	705715	727734
CH322-05N03	CHORI-322	3R	1794831	1820136
CH322-05N06	CHORI-322	X	19899280	19924656
CH322-05N07	CHORI-322	3L	17620067	17641637
CH322-05N08	CHORI-322	3R	11511180	11532360
CH322-05N09	CHORI-322	2L	18580116	18601769
CH322-05N10	CHORI-322	3R	25993139	26016480
CH322-05N12	CHORI-322	3R	7365334	7388389
CH322-05N13	CHORI-322	2R	1943574	1964657
CH322-05N15	CHORI-322	X	10208274	10228814
CH322-05N16	CHORI-322	3R	26249175	26274172
CH322-05N18	CHORI-322	2L	12111206	12130838
CH322-05N20	CHORI-322	3R	21428683	21448005
CH322-05N21	CHORI-322	X	8752331	8773817
CH322-05O01	CHORI-322	X	3722512	3743499
CH322-05O02	CHORI-322	2R	20150012	20170235
CH322-05O03	CHORI-322	2R	12115264	12135189
CH322-05O05	CHORI-322	2R	3042227	3066635
CH322-05O06	CHORI-322	3R	4257409	4281602
CH322-05O09	CHORI-322	3R	15152882	15175474
CH322-05O11	CHORI-322	3L	6716535	6740984
CH322-05O13	CHORI-322	3R	23775141	23799736
CH322-05O15	CHORI-322	3L	1894181	1913950
CH322-05O16	CHORI-322	3L	13134179	13154857
CH322-05O17	CHORI-322	2R	20849445	20869759
CH322-05O18	CHORI-322	2L	6243878	6263811
CH322-05O19	CHORI-322	2R	18266513	18290360
CH322-05O22	CHORI-322	2R	4995787	5018216
CH322-05O23	CHORI-322	3LHet	928524	950523
CH322-05P01	CHORI-322	2R	16952248	16973219
CH322-05P02	CHORI-322	3R	18901728	18922752
CH322-05P03	CHORI-322	3R	7109853	7131334
CH322-05P05	CHORI-322	3R	20558055	20581348
CH322-05P07	CHORI-322	3L	7491181	7512417
CH322-05P09	CHORI-322	3R	1106199	1125520
CH322-05P12	CHORI-322	3L	2137282	2158841
CH322-05P13	CHORI-322	3L	5586168	5609968
CH322-05P14	CHORI-322	2R	12028526	12052659
CH322-05P16	CHORI-322	2R	17929689	17951153
CH322-05P21	CHORI-322	3R	4576407	4598052
CH322-06A03	CHORI-322	3R	21462338	21484205
CH322-06A04	CHORI-322	2L	19941840	19964517
CH322-06A05	CHORI-322	3L	13149257	13168913
CH322-06A06	CHORI-322	2R	7877510	7901672
CH322-06A07	CHORI-322	3R	23429065	23452355

CH322-06A08	CHORI-322	X	6155595	6179295
CH322-06A10	CHORI-322	2L	18897562	18919696
CH322-06A15	CHORI-322	3R	2595066	2618663
CH322-06A16	CHORI-322	3L	21445334	21468479
CH322-06A19	CHORI-322	2R	15224382	15247795
CH322-06A20	CHORI-322	X	7354157	7374917
CH322-06A21	CHORI-322	2R	15695224	15715603
CH322-06B02	CHORI-322	X	5990790	6011505
CH322-06B04	CHORI-322	3L	12282550	12304544
CH322-06B05	CHORI-322	3R	3946920	3966843
CH322-06B08	CHORI-322	3L	7965165	7985772
CH322-06B09	CHORI-322	X	15223373	15246928
CH322-06B10	CHORI-322	3R	6669244	6692359
CH322-06B11	CHORI-322	2R	969286	991691
CH322-06B12	CHORI-322	2R	17814562	17835223
CH322-06B13	CHORI-322	2R	3868611	3890017
CH322-06B14	CHORI-322	2L	9857312	9881046
CH322-06B15	CHORI-322	2R	14797711	14818685
CH322-06B16	CHORI-322	3L	10471823	10491300
CH322-06B18	CHORI-322	3R	12200319	12221223
CH322-06B21	CHORI-322	3L	21571114	21593939
CH322-06B23	CHORI-322	3R	20654625	20675628
CH322-06B24	CHORI-322	3R	24332986	24353970
CH322-06C04	CHORI-322	2R	16950911	16971906
CH322-06C05	CHORI-322	2R	9034770	9057410
CH322-06C06	CHORI-322	2L	19967684	19989225
CH322-06C08	CHORI-322	3L	9809724	9830896
CH322-06C11	CHORI-322	X	19183456	19206402
CH322-06C15	CHORI-322	2L	1630720	1651735
CH322-06C17	CHORI-322	2R	5723097	5744080
CH322-06C18	CHORI-322	3L	1190004	1213558
CH322-06C19	CHORI-322	3L	448891	471155
CH322-06C21	CHORI-322	2R	6754055	6774787
CH322-06C22	CHORI-322	3R	20157864	20181222
CH322-06D01	CHORI-322	3R	23392019	23414773
CH322-06D02	CHORI-322	2R	3898122	3918067
CH322-06D03	CHORI-322	3R	583554	602977
CH322-06D04	CHORI-322	X	10109762	10130658
CH322-06D06	CHORI-322	2R	20269922	20293587
CH322-06D08	CHORI-322	3R	21258632	21279126
CH322-06D09	CHORI-322	3L	22253792	22277581
CH322-06D10	CHORI-322	2L	11159797	11183410
CH322-06D11	CHORI-322	X	11720415	11744610
CH322-06D12	CHORI-322	2R	12649222	12671866
CH322-06D14	CHORI-322	2R	2934058	2956951
CH322-06D15	CHORI-322	3R	10244259	10268900
CH322-06D17	CHORI-322	2R	20654640	20676045
CH322-06D18	CHORI-322	3L	22237317	22260367
CH322-06D20	CHORI-322	2R	19248874	19274973
CH322-06D21	CHORI-322	2L	19386426	19409704
CH322-06D22	CHORI-322	3R	1377974	1403475
CH322-06D23	CHORI-322	3R	21340141	21359256
CH322-06D24	CHORI-322	2L	1476638	1496907
CH322-06E01	CHORI-322	2L	21890085	21913340

CH322-06E05	CHORI-322	2L	16809626	16829663
CH322-06E06	CHORI-322	3R	12628614	12650379
CH322-06E08	CHORI-322	3R	6489935	6509427
CH322-06E09	CHORI-322	3R	22910026	22931438
CH322-06E13	CHORI-322	2R	2650547	2672629
CH322-06E16	CHORI-322	X	20961351	20984630
CH322-06E17	CHORI-322	X	18725245	18748588
CH322-06E18	CHORI-322	X	19975542	19996375
CH322-06E19	CHORI-322	3L	2019950	2039567
CH322-06E20	CHORI-322	2R	12552834	12575861
CH322-06E21	CHORI-322	3L	8543777	8565156
CH322-06E22	CHORI-322	3L	8362755	8382612
CH322-06F01	CHORI-322	2L	1038110	1061487
CH322-06F02	CHORI-322	X	21057417	21080986
CH322-06F06	CHORI-322	X	19607590	19632962
CH322-06F09	CHORI-322	3R	16444690	16467538
CH322-06F10	CHORI-322	3R	22745734	22765175
CH322-06F11	CHORI-322	3R	25571645	25592134
CH322-06F12	CHORI-322	X	7170635	7191598
CH322-06F16	CHORI-322	3R	22746427	22768732
CH322-06F18	CHORI-322	2R	13643343	13668980
CH322-06F20	CHORI-322	X	16091729	16113720
CH322-06F21	CHORI-322	3R	939143	959763
CH322-06F22	CHORI-322	X	12867608	12891704
CH322-06G03	CHORI-322	3R	16901686	16921825
CH322-06G04	CHORI-322	3L	2107397	2132408
CH322-06G08	CHORI-322	X	21123497	21143179
CH322-06G11	CHORI-322	3R	24709893	24730673
CH322-06G12	CHORI-322	2R	20181463	20202408
CH322-06G13	CHORI-322	2R	1983119	2003060
CH322-06G14	CHORI-322	3L	23312005	23331086
CH322-06G15	CHORI-322	X	5539587	5562706
CH322-06G21	CHORI-322	2L	4550732	4571910
CH322-06H01	CHORI-322	2R	16896834	16919725
CH322-06H02	CHORI-322	3R	733735	757989
CH322-06H03	CHORI-322	2L	18740284	18760889
CH322-06H04	CHORI-322	2L	10221995	10241270
CH322-06H05	CHORI-322	X	2494056	2520798
CH322-06H08	CHORI-322	2L	14535759	14557464
CH322-06H09	CHORI-322	X	5884696	5905363
CH322-06H11	CHORI-322	3R	3224622	3246452
CH322-06H12	CHORI-322	3L	20568483	20591685
CH322-06H14	CHORI-322	2R	13291253	13311404
CH322-06H16	CHORI-322	2L	20676472	20697998
CH322-06H18	CHORI-322	2R	10629979	10651555
CH322-06H20	CHORI-322	3R	25072727	25095364
CH322-06H21	CHORI-322	3R	22351452	22372231
CH322-06H22	CHORI-322	3L	16560573	16582751
CH322-06H24	CHORI-322	3R	14006833	14031230
CH322-06I02	CHORI-322	3R	21423305	21444773
CH322-06I04	CHORI-322	X	7063136	7085125
CH322-06I08	CHORI-322	3L	23397764	23419831
CH322-06I09	CHORI-322	3R	23388213	23410955
CH322-06I12	CHORI-322	X	12616399	12641007

CH322-06I13	CHORI-322	X	17222677	17241743
CH322-06I14	CHORI-322	3L	1288498	1312741
CH322-06I17	CHORI-322	2R	13261313	13279983
CH322-06I18	CHORI-322	3R	14514434	14534825
CH322-06I23	CHORI-322	3L	23387466	23411767
CH322-06J04	CHORI-322	2L	13117606	13139503
CH322-06J06	CHORI-322	2R	12965982	12985335
CH322-06J07	CHORI-322	X	20256520	20278004
CH322-06J09	CHORI-322	3R	18315919	18340269
CH322-06J10	CHORI-322	3R	16563656	16587654
CH322-06J11	CHORI-322	3R	16856469	16876876
CH322-06J13	CHORI-322	2L	14342352	14363654
CH322-06J14	CHORI-322	X	8976010	8996676
CH322-06J16	CHORI-322	2L	11532289	11553538
CH322-06J18	CHORI-322	3R	12963916	12984189
CH322-06J24	CHORI-322	3L	4705013	4725327
CH322-06K01	CHORI-322	2R	11981700	12003217
CH322-06K02	CHORI-322	X	13969448	13993001
CH322-06K05	CHORI-322	3R	12953585	12978182
CH322-06K06	CHORI-322	2R	12703377	12724816
CH322-06K11	CHORI-322	2R	6245025	6266569
CH322-06K13	CHORI-322	2R	12182253	12204971
CH322-06K14	CHORI-322	X	16361906	16382139
CH322-06K23	CHORI-322	X	4891842	4914774
CH322-06L03	CHORI-322	2L	9736481	9759460
CH322-06L04	CHORI-322	2R	20231478	20254635
CH322-06L06	CHORI-322	3L	16264265	16287724
CH322-06L07	CHORI-322	3R	6651572	6674168
CH322-06L10	CHORI-322	3R	14805133	14825444
CH322-06L12	CHORI-322	3R	21089552	21109542
CH322-06L14	CHORI-322	3L	12392283	12414975
CH322-06L15	CHORI-322	3L	12395637	12415812
CH322-06L17	CHORI-322	2L	11494494	11514417
CH322-06L20	CHORI-322	X	14163972	14188327
CH322-06L22	CHORI-322	X	10475020	10497338
CH322-06L23	CHORI-322	2R	19572030	19593325
CH322-06L24	CHORI-322	2L	5352827	5377265
CH322-06M02	CHORI-322	3R	588002	611001
CH322-06M03	CHORI-322	2L	16792284	16813568
CH322-06M04	CHORI-322	X	7193317	7214637
CH322-06M05	CHORI-322	3L	1253450	1276168
CH322-06M06	CHORI-322	2R	10187393	10211133
CH322-06M08	CHORI-322	2R	13641833	13664804
CH322-06M09	CHORI-322	2R	10528454	10552324
CH322-06M12	CHORI-322	3R	10744635	10766443
CH322-06M13	CHORI-322	X	19166459	19189024
CH322-06M15	CHORI-322	2L	16745822	16766250
CH322-06M16	CHORI-322	3L	16755398	16778091
CH322-06M18	CHORI-322	3R	1194219	1216422
CH322-06M19	CHORI-322	3L	8297629	8318733
CH322-06N01	CHORI-322	3R	17072024	17092481
CH322-06N02	CHORI-322	3R	15117150	15137670
CH322-06N06	CHORI-322	X	11386030	11407866
CH322-06N07	CHORI-322	3L	657327	682455

CH322-06N12	CHORI-322	3L	8384130	8404372
CH322-06N14	CHORI-322	3R	18173628	18199309
CH322-06N15	CHORI-322	3L	22448741	22473582
CH322-06N16	CHORI-322	2R	10174499	10198256
CH322-06N17	CHORI-322	3L	20557587	20580274
CH322-06N18	CHORI-322	2L	4941331	4960949
CH322-06N20	CHORI-322	2L	20119922	20144063
CH322-06N21	CHORI-322	X	15184337	15204985
CH322-06N22	CHORI-322	3L	22832646	22854910
CH322-06N24	CHORI-322	3L	4748560	4769505
CH322-06O01	CHORI-322	2R	16700234	16724688
CH322-06O02	CHORI-322	2L	6630154	6652757
CH322-06O03	CHORI-322	3R	3975881	3999372
CH322-06O04	CHORI-322	X	16801837	16823879
CH322-06O05	CHORI-322	3R	8169433	8192341
CH322-06O07	CHORI-322	2L	12821607	12840279
CH322-06O08	CHORI-322	2L	12611277	12632086
CH322-06O09	CHORI-322	2R	10737859	10759644
CH322-06O10	CHORI-322	3R	3805045	3826074
CH322-06O13	CHORI-322	3R	2778751	2798800
CH322-06O15	CHORI-322	X	3305238	3327196
CH322-06O16	CHORI-322	3L	12968243	12989426
CH322-06O18	CHORI-322	2R	18417816	18439353
CH322-06O20	CHORI-322	2L	2042367	2062154
CH322-06O24	CHORI-322	2L	3843489	3865749
CH322-06P02	CHORI-322	2L	13415619	13436708
CH322-06P04	CHORI-322	3R	20493024	20517689
CH322-06P05	CHORI-322	3R	10299382	10318468
CH322-06P08	CHORI-322	2RHet	501191	522130
CH322-06P09	CHORI-322	2L	20068715	20089084
CH322-06P13	CHORI-322	2R	4767209	4789364
CH322-06P16	CHORI-322	2R	2790934	2810667
CH322-06P17	CHORI-322	2L	12679538	12703734
CH322-06P18	CHORI-322	3R	20162556	20182854
CH322-06P20	CHORI-322	X	10979189	10998297
CH322-06P21	CHORI-322	3L	8252272	8272125
CH322-06P23	CHORI-322	3R	2166787	2188721
CH322-06P24	CHORI-322	2L	5062402	5086476
CH322-07A05	CHORI-322	X	19007374	19027560
CH322-07A06	CHORI-322	2L	15300586	15321583
CH322-07A09	CHORI-322	3L	1272827	1294649
CH322-07A12	CHORI-322	3R	15883964	15906141
CH322-07A13	CHORI-322	3L	13248607	13267832
CH322-07A14	CHORI-322	3L	1286994	1312278
CH322-07A16	CHORI-322	2R	17154933	17175477
CH322-07A17	CHORI-322	X	17141731	17165145
CH322-07A19	CHORI-322	3R	19428223	19450242
CH322-07B01	CHORI-322	3L	17484877	17505367
CH322-07B02	CHORI-322	3L	24205888	24224657
CH322-07B10	CHORI-322	3L	3156882	3177379
CH322-07B13	CHORI-322	2R	20572614	20592693
CH322-07C01	CHORI-322	2L	19813538	19836751
CH322-07C02	CHORI-322	2RHet	569270	590850
CH322-07C04	CHORI-322	2R	6601659	6622389

CH322-07C05	CHORI-322	3R	17561427	17587008
CH322-07C06	CHORI-322	2L	19682291	19703309
CH322-07C10	CHORI-322	3L	18914563	18934400
CH322-07C11	CHORI-322	3R	1762462	1786980
CH322-07C15	CHORI-322	3R	16218028	16240244
CH322-07C16	CHORI-322	2L	17375618	17398633
CH322-07C17	CHORI-322	3L	11506289	11526545
CH322-07C18	CHORI-322	2R	8922078	8941445
CH322-07C21	CHORI-322	X	637250	662728
CH322-07C23	CHORI-322	2L	16355015	16375911
CH322-07D03	CHORI-322	2L	8323337	8343799
CH322-07D05	CHORI-322	X	13089237	13111418
CH322-07D07	CHORI-322	3R	7629853	7650627
CH322-07D10	CHORI-322	3R	11644969	11664768
CH322-07D11	CHORI-322	3L	339730	365446
CH322-07D15	CHORI-322	3L	3227591	3248510
CH322-07D22	CHORI-322	2R	9452047	9473324
CH322-07E03	CHORI-322	3L	20672216	20692765
CH322-07E09	CHORI-322	3L	16786012	16809163
CH322-07E11	CHORI-322	3R	20028121	20048837
CH322-07E14	CHORI-322	3R	18365870	18387414
CH322-07E21	CHORI-322	2L	859005	882254
CH322-07F01	CHORI-322	X	5255794	5275337
CH322-07F02	CHORI-322	2L	3352883	3375225
CH322-07F04	CHORI-322	X	200859	221921
CH322-07F05	CHORI-322	2R	19087165	19107146
CH322-07F07	CHORI-322	2R	11164821	11187018
CH322-07F09	CHORI-322	3R	22590042	22612127
CH322-07F11	CHORI-322	3L	8417574	8437423
CH322-07F18	CHORI-322	2L	12592587	12615825
CH322-07F22	CHORI-322	3R	25554784	25576477
CH322-07G01	CHORI-322	2R	6002426	6022214
CH322-07G02	CHORI-322	3R	13885897	13906227
CH322-07G03	CHORI-322	2R	19253012	19277543
CH322-07G13	CHORI-322	2L	15015662	15039891
CH322-07G14	CHORI-322	3L	4244218	4265629
CH322-07G20	CHORI-322	2L	4400348	4424573
CH322-07H02	CHORI-322	2L	9518281	9537929
CH322-07H05	CHORI-322	3R	15671535	15693403
CH322-07H13	CHORI-322	3R	21457058	21478190
CH322-07I01	CHORI-322	2R	19879609	19906288
CH322-07I02	CHORI-322	2L	3377630	3397140
CH322-07I03	CHORI-322	3R	7473824	7494708
CH322-07I04	CHORI-322	3R	19989437	20010863
CH322-07I12	CHORI-322	2R	20926709	20950681
CH322-07I13	CHORI-322	2R	18301785	18321716
CH322-07I15	CHORI-322	4	1187660	1207064
CH322-07I16	CHORI-322	3R	13471604	13493395
CH322-07J02	CHORI-322	X	9954723	9974491
CH322-07J03	CHORI-322	3R	19142490	19166876
CH322-07J04	CHORI-322	2L	19023427	19048010
CH322-07J09	CHORI-322	3L	1797623	1821364
CH322-07J10	CHORI-322	X	11270833	11291422
CH322-07J11	CHORI-322	3R	17694133	17714030

CH322-07J17	CHORI-322	2L	10327090	10352087
CH322-07K01	CHORI-322	2L	14101887	14124057
CH322-07K02	CHORI-322	3R	4131514	4153039
CH322-07K03	CHORI-322	2R	7673453	7693623
CH322-07K07	CHORI-322	2R	20906809	20930136
CH322-07K11	CHORI-322	X	18809149	18831541
CH322-07K12	CHORI-322	2L	17385740	17405074
CH322-07K13	CHORI-322	3L	2127558	2149514
CH322-07K15	CHORI-322	X	1213372	1238759
CH322-07K18	CHORI-322	X	4462667	4486237
CH322-07L03	CHORI-322	3R	5559198	5579687
CH322-07L07	CHORI-322	3L	23452921	23476569
CH322-07L09	CHORI-322	2L	7383079	7403954
CH322-07L11	CHORI-322	3R	93738	118060
CH322-07L12	CHORI-322	3L	5339848	5360397
CH322-07L16	CHORI-322	2R	17624793	17645103
CH322-07M03	CHORI-322	X	11076921	11098690
CH322-07M04	CHORI-322	3R	4576206	4599610
CH322-07M05	CHORI-322	2L	11382966	11405402
CH322-07M07	CHORI-322	X	15828662	15847921
CH322-07M11	CHORI-322	3R	9861364	9885213
CH322-07M14	CHORI-322	3R	16379821	16403856
CH322-07M17	CHORI-322	X	7811226	7834475
CH322-07N01	CHORI-322	2L	10208180	10227687
CH322-07N05	CHORI-322	2L	21932540	21951493
CH322-07N06	CHORI-322	3R	11737922	11758985
CH322-07N09	CHORI-322	3R	22313317	22333605
CH322-07N10	CHORI-322	3R	17244382	17267523
CH322-07N13	CHORI-322	2L	13134321	13154567
CH322-07N16	CHORI-322	2R	5899171	5921111
CH322-07O02	CHORI-322	2R	2464387	2488648
CH322-07O06	CHORI-322	2R	1558432	1582772
CH322-07O07	CHORI-322	2R	13021033	13042090
CH322-07O08	CHORI-322	2R	16526204	16547288
CH322-07O09	CHORI-322	2L	19338733	19358982
CH322-07O14	CHORI-322	2L	5255565	5276707
CH322-07O16	CHORI-322	2L	1712447	1733379
CH322-07O19	CHORI-322	3R	13792707	13815033
CH322-07P01	CHORI-322	2R	4867043	4891365
CH322-07P04	CHORI-322	3R	7530045	7552913
CH322-07P06	CHORI-322	X	19547112	19570459
CH322-07P07	CHORI-322	3R	13595864	13618488
CH322-07P09	CHORI-322	2L	5946220	5969474
CH322-07P10	CHORI-322	X	15122709	15146148
CH322-07P11	CHORI-322	X	2239571	2261951
CH322-07P14	CHORI-322	2L	2163331	2182642
CH322-07P16	CHORI-322	X	7293835	7314527
CH322-07P18	CHORI-322	3L	5723788	5744301
CH322-07P23	CHORI-322	2L	174734	197724
CH322-08A02	CHORI-322	3L	3206836	3228244
CH322-08A03	CHORI-322	3L	1449711	1471933
CH322-08A04	CHORI-322	3R	15908844	15928116
CH322-08A05	CHORI-322	3R	15003927	15026281
CH322-08A09	CHORI-322	2L	9590452	9611028

CH322-08A11	CHORI-322	3L	23307523	23331085
CH322-08A13	CHORI-322	2L	656963	677007
CH322-08A17	CHORI-322	3L	12751598	12770756
CH322-08A18	CHORI-322	3L	13271580	13295975
CH322-08A19	CHORI-322	2R	20756609	20779812
CH322-08A22	CHORI-322	3L	12773949	12795289
CH322-08A23	CHORI-322	3L	13890869	13913151
CH322-08B01	CHORI-322	X	12148288	12169191
CH322-08B02	CHORI-322	2R	9727982	9751575
CH322-08B03	CHORI-322	2L	8523890	8545099
CH322-08B07	CHORI-322	2L	6726910	6750100
CH322-08B09	CHORI-322	3L	15595699	15617576
CH322-08B14	CHORI-322	X	2496282	2518336
CH322-08B15	CHORI-322	3R	2500737	2521170
CH322-08B17	CHORI-322	X	16461909	16483531
CH322-08B24	CHORI-322	2L	2141710	2162180
CH322-08C01	CHORI-322	2R	20797831	20818109
CH322-08C02	CHORI-322	2R	10711725	10734957
CH322-08C04	CHORI-322	3R	11715622	11739399
CH322-08C06	CHORI-322	2L	2648985	2670575
CH322-08C11	CHORI-322	3R	23325218	23346620
CH322-08C13	CHORI-322	2R	8009375	8030726
CH322-08C19	CHORI-322	2L	14321560	14343868
CH322-08C21	CHORI-322	3R	6695005	6718009
CH322-08C23	CHORI-322	2L	21753812	21773960
CH322-08D02	CHORI-322	2R	4456282	4476048
CH322-08D03	CHORI-322	3L	2438426	2458659
CH322-08D04	CHORI-322	2R	3046131	3068017
CH322-08D05	CHORI-322	X	13890	36484
CH322-08D06	CHORI-322	3R	8353552	8376525
CH322-08D08	CHORI-322	3R	5203836	5225846
CH322-08D09	CHORI-322	X	22395228	22417439
CH322-08D10	CHORI-322	X	5534142	5554783
CH322-08D17	CHORI-322	X	11833019	11852765
CH322-08D18	CHORI-322	3L	21689241	21712578
CH322-08D19	CHORI-322	2L	1133410	1154742
CH322-08D24	CHORI-322	2R	16192961	16212849
CH322-08E03	CHORI-322	3L	7825793	7846757
CH322-08E04	CHORI-322	3L	18038520	18059881
CH322-08E05	CHORI-322	X	715766	734966
CH322-08E08	CHORI-322	3L	329723	351775
CH322-08E12	CHORI-322	X	6396885	6418919
CH322-08E13	CHORI-322	3RHet	821341	841980
CH322-08E17	CHORI-322	2L	11234722	11257285
CH322-08E20	CHORI-322	3L	5135997	5157892
CH322-08E23	CHORI-322	X	14799492	14819372
CH322-08E24	CHORI-322	2L	7666380	7688360
CH322-08F01	CHORI-322	2L	20912205	20935764
CH322-08F03	CHORI-322	3R	6358958	6379454
CH322-08F05	CHORI-322	3R	7537301	7558416
CH322-08F06	CHORI-322	3R	6020791	6041274
CH322-08F09	CHORI-322	2R	13595246	13616928
CH322-08F10	CHORI-322	2L	19875545	19894807
CH322-08F11	CHORI-322	3L	15552881	15574135

CH322-08F13	CHORI-322	3R	21902901	21923984
CH322-08F15	CHORI-322	2L	13847463	13867795
CH322-08F17	CHORI-322	3R	27126257	27149448
CH322-08F21	CHORI-322	2L	10326798	10348082
CH322-08G01	CHORI-322	3L	16758636	16778932
CH322-08G02	CHORI-322	X	9121759	9142938
CH322-08G03	CHORI-322	2R	1567149	1589325
CH322-08G06	CHORI-322	3L	278441	299498
CH322-08G12	CHORI-322	2R	20339246	20361801
CH322-08G13	CHORI-322	3R	18298007	18318879
CH322-08G14	CHORI-322	X	2361057	2381338
CH322-08G15	CHORI-322	2R	16935175	16956511
CH322-08G19	CHORI-322	3R	15073411	15095783
CH322-08G20	CHORI-322	3L	21932381	21957236
CH322-08G22	CHORI-322	3R	2217073	2238078
CH322-08G23	CHORI-322	2L	14602030	14622699
CH322-08H01	CHORI-322	2R	662141	684900
CH322-08H02	CHORI-322	2L	16424698	16447237
CH322-08H05	CHORI-322	2R	12732934	12753351
CH322-08H07	CHORI-322	3L	11704848	11727583
CH322-08H10	CHORI-322	3RHet	2180841	2200126
CH322-08H11	CHORI-322	2R	4324727	4348905
CH322-08H15	CHORI-322	2L	2737953	2760369
CH322-08H17	CHORI-322	2R	6338869	6360082
CH322-08H19	CHORI-322	2R	14373724	14395087
CH322-08H21	CHORI-322	3L	2483836	2507985
CH322-08I01	CHORI-322	3L	15043080	15063842
CH322-08I04	CHORI-322	X	16309769	16333307
CH322-08I05	CHORI-322	2L	120664	143263
CH322-08I08	CHORI-322	2R	9645346	9664602
CH322-08I09	CHORI-322	3L	1910316	1933628
CH322-08I13	CHORI-322	3L	23998903	24022908
CH322-08I17	CHORI-322	3R	16897401	16918748
CH322-08I19	CHORI-322	2L	2061693	2083540
CH322-08I20	CHORI-322	2R	1023272	1043070
CH322-08I22	CHORI-322	2R	20011954	20033693
CH322-08I24	CHORI-322	2L	1852936	1876433
CH322-08J01	CHORI-322	2L	4525913	4546385
CH322-08J03	CHORI-322	3R	8037754	8060654
CH322-08J05	CHORI-322	3R	13817227	13839662
CH322-08J09	CHORI-322	X	10470544	10490957
CH322-08J11	CHORI-322	2L	14483847	14508284
CH322-08J13	CHORI-322	3R	5824084	5844653
CH322-08J15	CHORI-322	X	144196	165034
CH322-08J19	CHORI-322	2R	7975076	7995554
CH322-08J21	CHORI-322	3R	9858756	9880272
CH322-08J23	CHORI-322	X	10315805	10339801
CH322-08K03	CHORI-322	2L	10686973	10710108
CH322-08K04	CHORI-322	2R	19981164	20006236
CH322-08K07	CHORI-322	3R	7734764	7755906
CH322-08K17	CHORI-322	X	8926620	8950533
CH322-08K19	CHORI-322	3R	18194640	18219021
CH322-08K21	CHORI-322	3R	17037870	17060966
CH322-08K24	CHORI-322	3R	20941992	20963509

CH322-08L02	CHORI-322	3R	5044353	5064578
CH322-08L04	CHORI-322	2L	8059139	8080982
CH322-08L05	CHORI-322	3R	20510694	20530754
CH322-08L07	CHORI-322	3L	11822827	11845310
CH322-08L13	CHORI-322	2L	5189917	5209652
CH322-08L19	CHORI-322	XHet	161013	181534
CH322-08L21	CHORI-322	3R	9150178	9169886
CH322-08L24	CHORI-322	3R	9483399	9507859
CH322-08M01	CHORI-322	2R	14689371	14711300
CH322-08M02	CHORI-322	2R	16549618	16573626
CH322-08M03	CHORI-322	2R	14702926	14724503
CH322-08M04	CHORI-322	X	11733097	11753640
CH322-08M06	CHORI-322	2L	5521167	5541769
CH322-08M07	CHORI-322	3R	18333191	18356714
CH322-08M09	CHORI-322	2R	2561749	2585018
CH322-08M14	CHORI-322	3R	14325349	14346698
CH322-08M16	CHORI-322	X	20199354	20222077
CH322-08M17	CHORI-322	X	21211192	21233240
CH322-08M18	CHORI-322	3L	20266138	20285575
CH322-08M19	CHORI-322	2R	20951929	20975272
CH322-08M20	CHORI-322	3L	3566990	3588423
CH322-08M22	CHORI-322	3L	22395877	22414425
CH322-08M23	CHORI-322	2R	843655	864367
CH322-08N01	CHORI-322	2L	15760227	15783037
CH322-08N02	CHORI-322	3R	25583	51493
CH322-08N03	CHORI-322	3R	7794404	7815154
CH322-08N05	CHORI-322	2R	18340432	18362278
CH322-08N06	CHORI-322	2R	14802710	14822513
CH322-08N07	CHORI-322	3R	23367381	23388931
CH322-08N10	CHORI-322	2R	20774326	20800159
CH322-08N11	CHORI-322	3R	12096181	12119813
CH322-08N13	CHORI-322	X	8504777	8526354
CH322-08N15	CHORI-322	2R	4968684	4988284
CH322-08N17	CHORI-322	3R	15117658	15137201
CH322-08N19	CHORI-322	2L	3058536	3078807
CH322-08O01	CHORI-322	3R	18551320	18571970
CH322-08O02	CHORI-322	2L	18860237	18883791
CH322-08O04	CHORI-322	3R	20574723	20598285
CH322-08O05	CHORI-322	3L	4304741	4326580
CH322-08O06	CHORI-322	X	18259117	18280146
CH322-08O07	CHORI-322	3R	9932985	9954314
CH322-08O10	CHORI-322	2R	10317680	10341578
CH322-08O12	CHORI-322	3R	19756409	19778107
CH322-08O13	CHORI-322	2R	16445121	16465767
CH322-08O16	CHORI-322	X	255396	278060
CH322-08O17	CHORI-322	2L	13993158	14014101
CH322-08O21	CHORI-322	2R	3426945	3449821
CH322-08O22	CHORI-322	2R	12601855	12623169
CH322-08P01	CHORI-322	2R	9611779	9633625
CH322-08P02	CHORI-322	X	5960945	5984456
CH322-08P03	CHORI-322	3R	18213988	18240471
CH322-08P04	CHORI-322	2L	10419713	10442895
CH322-08P05	CHORI-322	3R	26380045	26402270
CH322-08P06	CHORI-322	2R	11162542	11185494

CH322-08P07	CHORI-322	3R	8263515	8283081
CH322-08P10	CHORI-322	3R	27387754	27409094
CH322-08P17	CHORI-322	2L	14069002	14090910
CH322-08P22	CHORI-322	3R	8773216	8794927
CH322-08P23	CHORI-322	2RHet	2795220	2819028
CH322-08P24	CHORI-322	3R	12591478	12611820
CH322-09A02	CHORI-322	2L	4202595	4224656
CH322-09A03	CHORI-322	3L	10597539	10619052
CH322-09A06	CHORI-322	3L	16811604	16833093
CH322-09A07	CHORI-322	X	8001624	8023750
CH322-09A09	CHORI-322	3R	9107543	9128894
CH322-09A10	CHORI-322	3L	8829443	8851724
CH322-09A11	CHORI-322	3L	16844221	16864117
CH322-09A12	CHORI-322	X	6967734	6986366
CH322-09A14	CHORI-322	3L	17178303	17199784
CH322-09A15	CHORI-322	3L	18328294	18347901
CH322-09A18	CHORI-322	2L	4098661	4120797
CH322-09A19	CHORI-322	3L	18198879	18220906
CH322-09A21	CHORI-322	3R	6509854	6534425
CH322-09B02	CHORI-322	X	19607537	19631573
CH322-09B03	CHORI-322	3L	13133415	13155555
CH322-09B04	CHORI-322	2R	5705341	5725120
CH322-09B05	CHORI-322	2R	3845552	3868259
CH322-09B06	CHORI-322	4	1237023	1256609
CH322-09B07	CHORI-322	3R	931830	954054
CH322-09B09	CHORI-322	2L	10767423	10787236
CH322-09B10	CHORI-322	3L	22974074	22997163
CH322-09B11	CHORI-322	2R	9802139	9823159
CH322-09B12	CHORI-322	3L	1691964	1714245
CH322-09B13	CHORI-322	2R	7314852	7335940
CH322-09B17	CHORI-322	3R	17540976	17561133
CH322-09B18	CHORI-322	3L	1528638	1551831
CH322-09B19	CHORI-322	2R	20534137	20555230
CH322-09B20	CHORI-322	3RHet	2008606	2031967
CH322-09C01	CHORI-322	2R	19844803	19868305
CH322-09C02	CHORI-322	2L	299284	318445
CH322-09C03	CHORI-322	3L	17519435	17543716
CH322-09C04	CHORI-322	X	15367596	15392500
CH322-09C08	CHORI-322	X	17125343	17149812
CH322-09C09	CHORI-322	3L	12730230	12752338
CH322-09C11	CHORI-322	3R	25058475	25082226
CH322-09C12	CHORI-322	2R	8621970	8645493
CH322-09C14	CHORI-322	X	9018956	9040820
CH322-09C16	CHORI-322	3L	711212	733527
CH322-09C17	CHORI-322	3L	11785906	11807835
CH322-09C19	CHORI-322	3R	18547771	18572515
CH322-09C21	CHORI-322	3R	8049968	8070840
CH322-09C22	CHORI-322	2R	17922728	17944460
CH322-09D02	CHORI-322	2L	12472705	12491833
CH322-09D03	CHORI-322	3R	5348256	5369624
CH322-09D04	CHORI-322	2L	6843312	6863986
CH322-09D05	CHORI-322	3R	20910137	20930378
CH322-09D07	CHORI-322	X	9664554	9685988
CH322-09D09	CHORI-322	2R	8205652	8226668

CH322-09D10	CHORI-322	2R	20757754	20778045
CH322-09D12	CHORI-322	2L	5190460	5212024
CH322-09D13	CHORI-322	2R	3387716	3409277
CH322-09D14	CHORI-322	2R	4150281	4174575
CH322-09D15	CHORI-322	3L	10768554	10790708
CH322-09D18	CHORI-322	X	2251575	2275631
CH322-09D19	CHORI-322	2R	502576	523106
CH322-09D20	CHORI-322	X	7997190	8020711
CH322-09E07	CHORI-322	3R	12614251	12635830
CH322-09E09	CHORI-322	2R	15194265	15216345
CH322-09E10	CHORI-322	3R	24122428	24144512
CH322-09E11	CHORI-322	2R	3290509	3313725
CH322-09E12	CHORI-322	2R	10869883	10889872
CH322-09E14	CHORI-322	2L	10339487	10361550
CH322-09E18	CHORI-322	3R	11949864	11971579
CH322-09E20	CHORI-322	2L	17714379	17738517
CH322-09E23	CHORI-322	X	16788400	16812765
CH322-09E24	CHORI-322	3L	11030252	11050964
CH322-09F02	CHORI-322	2R	2972197	2994504
CH322-09F03	CHORI-322	2L	3481030	3501715
CH322-09F04	CHORI-322	3L	18139327	18162100
CH322-09F06	CHORI-322	X	13674440	13695448
CH322-09F09	CHORI-322	3R	23201613	23226494
CH322-09F10	CHORI-322	3R	22765172	22787657
CH322-09F11	CHORI-322	3R	16388972	16410962
CH322-09F14	CHORI-322	4	1112433	1135440
CH322-09F15	CHORI-322	3R	2885634	2905110
CH322-09F19	CHORI-322	3L	15282365	15300835
CH322-09F22	CHORI-322	2R	19984434	20008793
CH322-09G02	CHORI-322	3R	2453029	2474910
CH322-09G03	CHORI-322	2R	8203061	8224659
CH322-09G04	CHORI-322	X	5538022	5558609
CH322-09G05	CHORI-322	3R	1288056	1314316
CH322-09G06	CHORI-322	X	10470544	10490656
CH322-09G09	CHORI-322	3L	24082197	24103410
CH322-09G10	CHORI-322	X	16846989	16870450
CH322-09G14	CHORI-322	2L	16475504	16495137
CH322-09G18	CHORI-322	3L	985352	1009940
CH322-09G20	CHORI-322	2L	5965829	5991156
CH322-09G22	CHORI-322	2R	13247253	13267899
CH322-09H02	CHORI-322	2R	18767455	18789158
CH322-09H03	CHORI-322	X	8005844	8026262
CH322-09H05	CHORI-322	X	11766585	11787069
CH322-09H09	CHORI-322	2R	19428976	19448743
CH322-09H11	CHORI-322	3R	22013877	22035927
CH322-09H13	CHORI-322	3L	6275454	6296421
CH322-09H17	CHORI-322	2L	18272097	18294046
CH322-09I04	CHORI-322	3R	5588594	5613287
CH322-09I06	CHORI-322	2L	10769166	10791979
CH322-09I07	CHORI-322	2L	10263067	10283693
CH322-09I11	CHORI-322	3R	19990340	20010907
CH322-09I12	CHORI-322	X	19536374	19563510
CH322-09I13	CHORI-322	2R	9767607	9790865
CH322-09I14	CHORI-322	2R	8422634	8444413

CH322-09I18	CHORI-322	3L	16348699	16368138
CH322-09I19	CHORI-322	2L	285481	308590
CH322-09I22	CHORI-322	2R	14310853	14334465
CH322-09I24	CHORI-322	3R	11312767	11333204
CH322-09J03	CHORI-322	X	21072736	21093271
CH322-09J06	CHORI-322	X	5922574	5943816
CH322-09J07	CHORI-322	X	8561715	8582014
CH322-09J09	CHORI-322	2R	11126775	11148062
CH322-09J12	CHORI-322	3R	9709393	9729013
CH322-09J13	CHORI-322	2L	12026410	12050696
CH322-09J17	CHORI-322	3R	17186883	17209649
CH322-09J22	CHORI-322	2R	2669619	2690914
CH322-09K04	CHORI-322	3L	20520321	20541744
CH322-09K06	CHORI-322	X	21341914	21364018
CH322-09K08	CHORI-322	3R	17380644	17400387
CH322-09K09	CHORI-322	3L	15727795	15750180
CH322-09K10	CHORI-322	2L	11344966	11368543
CH322-09K11	CHORI-322	2R	7280773	7302046
CH322-09K12	CHORI-322	3L	17287612	17311057
CH322-09K13	CHORI-322	2L	13807369	13830228
CH322-09K14	CHORI-322	2L	4952497	4972072
CH322-09K20	CHORI-322	3L	2905925	2924638
CH322-09K22	CHORI-322	2R	18720879	18744532
CH322-09L06	CHORI-322	2RHet	1897700	1919664
CH322-09L07	CHORI-322	3R	18195192	18217755
CH322-09L11	CHORI-322	2L	3975398	3998153
CH322-09L12	CHORI-322	3R	6704381	6726470
CH322-09L14	CHORI-322	2L	12744084	12764959
CH322-09L19	CHORI-322	2L	10481856	10504852
CH322-09L23	CHORI-322	3L	10845396	10866290
CH322-09L24	CHORI-322	2R	15347645	15369251
CH322-09M02	CHORI-322	3L	15182037	15202133
CH322-09M04	CHORI-322	3L	14487241	14511020
CH322-09M06	CHORI-322	3R	25399306	25424179
CH322-09M07	CHORI-322	3L	8958437	8981738
CH322-09M08	CHORI-322	3L	9344939	9368172
CH322-09M10	CHORI-322	3L	5932971	5955889
CH322-09M12	CHORI-322	3R	12978179	13001447
CH322-09M14	CHORI-322	3L	7904402	7928602
CH322-09M16	CHORI-322	2L	4141221	4165028
CH322-09M18	CHORI-322	X	22369780	22392495
CH322-09M20	CHORI-322	3L	14091089	14112081
CH322-09M22	CHORI-322	3R	11877965	11901221
CH322-09M24	CHORI-322	2R	14860929	14883828
CH322-09N03	CHORI-322	2L	19365231	19388030
CH322-09N05	CHORI-322	3L	11349433	11370581
CH322-09N08	CHORI-322	3R	6700094	6721738
CH322-09N10	CHORI-322	2R	20060898	20080500
CH322-09N13	CHORI-322	3L	8529358	8553675
CH322-09N15	CHORI-322	X	22184101	22203500
CH322-09N17	CHORI-322	3L	12525365	12548583
CH322-09N18	CHORI-322	3L	18903181	18924651
CH322-09N20	CHORI-322	3R	13008773	13028338
CH322-09N21	CHORI-322	2R	17105199	17124816

CH322-09O01	CHORI-322	2L	2725284	2748045
CH322-09O02	CHORI-322	3R	10838877	10860122
CH322-09O03	CHORI-322	3L	13701367	13725164
CH322-09O04	CHORI-322	3RHet	230359	254316
CH322-09O06	CHORI-322	2R	18819555	18843156
CH322-09O08	CHORI-322	2R	18484330	18504425
CH322-09O09	CHORI-322	3L	1371984	1392126
CH322-09O12	CHORI-322	2R	12732904	12755960
CH322-09O13	CHORI-322	2L	10251546	10270649
CH322-09O14	CHORI-322	3L	21069456	21089146
CH322-09O17	CHORI-322	3R	12872792	12894764
CH322-09O21	CHORI-322	3R	7477975	7502747
CH322-09O22	CHORI-322	2L	11936359	11956170
CH322-09O24	CHORI-322	3R	23036353	23057042
CH322-09P01	CHORI-322	2L	8842742	8863097
CH322-09P02	CHORI-322	2R	7629407	7650442
CH322-09P03	CHORI-322	2R	2995206	3017958
CH322-09P05	CHORI-322	3R	7790354	7813511
CH322-09P06	CHORI-322	2L	1580500	1600143
CH322-09P08	CHORI-322	2L	18431280	18449757
CH322-09P09	CHORI-322	3L	17073727	17093854
CH322-09P10	CHORI-322	3R	9712097	9732190
CH322-09P12	CHORI-322	X	15226819	15249124
CH322-09P14	CHORI-322	3L	16879576	16900088
CH322-09P18	CHORI-322	2R	7601505	7620829
CH322-09P24	CHORI-322	3R	20574312	20595147
CH322-100A01	CHORI-322	2R	20253722	20276159
CH322-100A02	CHORI-322	2R	20362476	20386621
CH322-100A06	CHORI-322	3R	15643149	15666096
CH322-100A07	CHORI-322	X	3388157	3409597
CH322-100A08	CHORI-322	3R	398484	417907
CH322-100A09	CHORI-322	2R	14639283	14659746
CH322-100A10	CHORI-322	3R	14109596	14130281
CH322-100A14	CHORI-322	2L	15425656	15443908
CH322-100A15	CHORI-322	3R	5346456	5369618
CH322-100A16	CHORI-322	3R	25792472	25811984
CH322-100A18	CHORI-322	3L	16358291	16378715
CH322-100A20	CHORI-322	2L	294986	316866
CH322-100A21	CHORI-322	3R	3625625	3650379
CH322-100A22	CHORI-322	3L	6330030	6352035
CH322-100A24	CHORI-322	2R	12100615	12123443
CH322-100B01	CHORI-322	3R	17586663	17608281
CH322-100B02	CHORI-322	X	4534738	4556633
CH322-100B04	CHORI-322	X	21948357	21969386
CH322-100B05	CHORI-322	3L	23422102	23443731
CH322-100B06	CHORI-322	X	5490901	5510770
CH322-100B07	CHORI-322	3L	18867412	18887687
CH322-100B08	CHORI-322	X	3546614	3569246
CH322-100B09	CHORI-322	3R	18222624	18244532
CH322-100B10	CHORI-322	X	16135951	16157504
CH322-100B11	CHORI-322	3R	8565683	8585131
CH322-100B13	CHORI-322	2R	3538775	3560775
CH322-100B15	CHORI-322	2R	7321983	7342077
CH322-100B17	CHORI-322	2R	9096965	9113470

CH322-100B19	CHORI-322	2R	1895461	1918287
CH322-100B20	CHORI-322	X	18925706	18945491
CH322-100B22	CHORI-322	2R	12052108	12076984
CH322-100C01	CHORI-322	X	2358986	2382206
CH322-100C02	CHORI-322	3L	9207376	9229203
CH322-100C03	CHORI-322	3R	26106801	26126704
CH322-100C04	CHORI-322	3L	1243510	1265816
CH322-100C06	CHORI-322	X	12119196	12138422
CH322-100C07	CHORI-322	2L	4103948	4123816
CH322-100C09	CHORI-322	2L	21181812	21204818
CH322-100C10	CHORI-322	3L	10929998	10950849
CH322-100C14	CHORI-322	3LHet	1343310	1364226
CH322-100C15	CHORI-322	2R	4040714	4062787
CH322-100C16	CHORI-322	X	1785714	1806157
CH322-100C17	CHORI-322	ArmU	1950924	1973555
CH322-100C20	CHORI-322	X	20026978	20049777
CH322-100C21	CHORI-322	X	8734960	8757846
CH322-100D01	CHORI-322	3R	9187390	9209906
CH322-100D02	CHORI-322	2L	14429723	14450339
CH322-100D03	CHORI-322	3R	25099287	25120147
CH322-100D04	CHORI-322	2R	7927137	7949452
CH322-100D05	CHORI-322	3R	2804398	2824567
CH322-100D07	CHORI-322	2R	8313724	8336482
CH322-100D08	CHORI-322	2L	21185632	21203663
CH322-100D09	CHORI-322	2R	19976832	20001403
CH322-100D10	CHORI-322	3L	6665062	6686473
CH322-100D11	CHORI-322	3L	20072272	20092448
CH322-100D14	CHORI-322	3R	3587912	3610757
CH322-100D15	CHORI-322	3R	1687553	1708356
CH322-100D16	CHORI-322	3L	11130224	11150576
CH322-100D18	CHORI-322	3R	2571191	2589642
CH322-100D19	CHORI-322	2L	1613914	1633167
CH322-100D20	CHORI-322	2L	487143	506841
CH322-100D21	CHORI-322	3R	15155058	15176374
CH322-100D23	CHORI-322	4	781049	798388
CH322-100D24	CHORI-322	3R	22999447	23022150
CH322-100E03	CHORI-322	3L	5924156	5947244
CH322-100E04	CHORI-322	3R	1041038	1066020
CH322-100E05	CHORI-322	2L	13221098	13244537
CH322-100E06	CHORI-322	X	903637	925829
CH322-100E11	CHORI-322	3L	8742496	8765991
CH322-100E16	CHORI-322	2L	8437523	8460101
CH322-100E17	CHORI-322	3L	23870873	23893466
CH322-100E18	CHORI-322	2R	4780818	4806247
CH322-100E19	CHORI-322	2L	256137	275523
CH322-100E20	CHORI-322	2R	4841259	4862315
CH322-100E21	CHORI-322	2L	15901598	15923992
CH322-100E22	CHORI-322	3R	11571123	11592217
CH322-100E23	CHORI-322	3L	14780435	14801816
CH322-100F01	CHORI-322	2L	2370768	2392913
CH322-100F04	CHORI-322	X	1312146	1334137
CH322-100F05	CHORI-322	3R	26601045	26624590
CH322-100F06	CHORI-322	3R	13043240	13063695
CH322-100F08	CHORI-322	3R	17064170	17087592

CH322-100F09	CHORI-322	3L	7067767	7089101
CH322-100F10	CHORI-322	3R	841349	862478
CH322-100F12	CHORI-322	2R	4232809	4254945
CH322-100F15	CHORI-322	2L	19422383	19445587
CH322-100F18	CHORI-322	3L	3165797	3188462
CH322-100F19	CHORI-322	2L	12509488	12530229
CH322-100F20	CHORI-322	2R	8710006	8733699
CH322-100F21	CHORI-322	3R	679754	700032
CH322-100F22	CHORI-322	X	8518806	8539046
CH322-100G03	CHORI-322	2R	783625	808234
CH322-100G04	CHORI-322	3R	17235012	17257776
CH322-100G05	CHORI-322	X	2109338	2132276
CH322-100G06	CHORI-322	3R	5268265	5290786
CH322-100G07	CHORI-322	3R	435595	455161
CH322-100G10	CHORI-322	3L	20362249	20386316
CH322-100G11	CHORI-322	3LHet	2004351	2027823
CH322-100G14	CHORI-322	3R	5732624	5755429
CH322-100G18	CHORI-322	3L	16817353	16839091
CH322-100G23	CHORI-322	2R	12030986	12054197
CH322-100G24	CHORI-322	2R	14573784	14596406
CH322-100H01	CHORI-322	X	11956504	11977390
CH322-100H02	CHORI-322	3L	7607282	7630010
CH322-100H03	CHORI-322	ArmU	569275	593134
CH322-100H04	CHORI-322	3L	3446035	3468820
CH322-100H05	CHORI-322	2R	861472	885294
CH322-100H06	CHORI-322	3L	19397306	19418983
CH322-100H07	CHORI-322	3R	16646560	16666959
CH322-100H10	CHORI-322	3R	24552375	24575284
CH322-100H12	CHORI-322	3R	2273342	2294590
CH322-100H13	CHORI-322	3R	12662932	12686713
CH322-100H14	CHORI-322	2R	5210934	5233049
CH322-100H16	CHORI-322	2L	14082169	14101213
CH322-100H17	CHORI-322	4	890940	912939
CH322-100H19	CHORI-322	2R	16954446	16976759
CH322-100H21	CHORI-322	2R	11190087	11213927
CH322-100I02	CHORI-322	X	4768136	4791575
CH322-100I03	CHORI-322	3L	14976826	14998028
CH322-100I04	CHORI-322	3L	11507432	11529919
CH322-100I05	CHORI-322	2R	1526887	1549566
CH322-100I06	CHORI-322	2R	16880247	16905031
CH322-100I07	CHORI-322	3R	2092189	2113036
CH322-100I09	CHORI-322	3L	4882656	4902631
CH322-100I11	CHORI-322	3R	1388791	1415629
CH322-100I12	CHORI-322	3R	12837113	12857888
CH322-100I15	CHORI-322	2L	6737664	6757430
CH322-100I17	CHORI-322	3L	23226169	23247667
CH322-100I18	CHORI-322	2R	12938106	12961050
CH322-100I19	CHORI-322	2L	13953234	13975678
CH322-100I20	CHORI-322	2RHet	2884454	2907215
CH322-100I21	CHORI-322	3L	13902155	13920755
CH322-100I22	CHORI-322	3L	2551625	2574491
CH322-100I24	CHORI-322	X	17698554	17719350
CH322-100J03	CHORI-322	3R	23281860	23302978
CH322-100J05	CHORI-322	X	10579902	10604025

CH322-100J10	CHORI-322	3L	21919069	21940501
CH322-100J13	CHORI-322	2L	1942349	1964065
CH322-100J15	CHORI-322	3R	17083465	17105833
CH322-100J17	CHORI-322	2L	22708105	22729401
CH322-100J18	CHORI-322	2R	10619723	10640983
CH322-100J19	CHORI-322	X	16594043	16613788
CH322-100J20	CHORI-322	2L	14616698	14638931
CH322-100J21	CHORI-322	X	2132313	2153369
CH322-100J22	CHORI-322	X	19844446	19867552
CH322-100J24	CHORI-322	3R	15286860	15309860
CH322-100K02	CHORI-322	2LHet	276272	296455
CH322-100K03	CHORI-322	3R	25923291	25947919
CH322-100K04	CHORI-322	2L	17068019	17087533
CH322-100K05	CHORI-322	3LHet	2472405	2494631
CH322-100K06	CHORI-322	3R	20230613	20254540
CH322-100K08	CHORI-322	X	8701904	8721226
CH322-100K09	CHORI-322	3R	1855060	1875496
CH322-100K10	CHORI-322	ArmU	1586347	1605829
CH322-100K13	CHORI-322	2R	6290474	6308914
CH322-100K14	CHORI-322	2R	14048980	14071105
CH322-100K16	CHORI-322	ArmU	1348773	1370240
CH322-100K21	CHORI-322	3L	18637132	18657895
CH322-100K22	CHORI-322	2L	22514990	22539890
CH322-100K23	CHORI-322	3LHet	893847	917879
CH322-100L01	CHORI-322	2RHet	720500	740989
CH322-100L03	CHORI-322	2L	16059914	16080276
CH322-100L04	CHORI-322	2L	8081133	8102412
CH322-100L06	CHORI-322	X	13010573	13033861
CH322-100L07	CHORI-322	3R	13503884	13523131
CH322-100L09	CHORI-322	2L	3267593	3288659
CH322-100L10	CHORI-322	2L	6777207	6799476
CH322-100L11	CHORI-322	3LHet	381516	400267
CH322-100L13	CHORI-322	3L	8315409	8337751
CH322-100L14	CHORI-322	2RHet	3200102	3221993
CH322-100L15	CHORI-322	2R	5388747	5410584
CH322-100L16	CHORI-322	X	14097627	14121068
CH322-100L19	CHORI-322	2R	6411998	6433119
CH322-100L22	CHORI-322	3L	23791033	23814512
CH322-100M01	CHORI-322	3L	13176857	13200061
CH322-100M02	CHORI-322	2R	1862548	1884311
CH322-100M03	CHORI-322	2L	7351650	7374199
CH322-100M04	CHORI-322	3LHet	2446510	2469395
CH322-100M06	CHORI-322	3L	8544880	8566481
CH322-100M07	CHORI-322	2R	4232787	4254035
CH322-100M08	CHORI-322	2R	1789839	1811848
CH322-100M09	CHORI-322	3R	21147419	21172038
CH322-100M10	CHORI-322	2L	14347845	14368020
CH322-100M11	CHORI-322	2L	3821184	3842225
CH322-100M13	CHORI-322	2R	17537978	17558416
CH322-100M14	CHORI-322	3R	11131231	11155411
CH322-100M15	CHORI-322	3R	20057579	20082978
CH322-100M17	CHORI-322	3R	5785417	5809698
CH322-100M18	CHORI-322	3LHet	2133217	2156805
CH322-100M19	CHORI-322	3L	20090031	20112578

CH322-100M20	CHORI-322	3R	4075747	4097371
CH322-100M22	CHORI-322	3R	12983111	13002813
CH322-100M23	CHORI-322	3L	8580708	8603292
CH322-100M24	CHORI-322	3R	9617202	9639258
CH322-100N01	CHORI-322	3R	11307104	11330209
CH322-100N02	CHORI-322	3L	1379752	1400590
CH322-100N03	CHORI-322	2R	4450481	4471487
CH322-100N04	CHORI-322	2R	1426721	1447987
CH322-100N05	CHORI-322	2R	14709020	14730877
CH322-100N06	CHORI-322	2L	5468924	5490490
CH322-100N07	CHORI-322	2R	13425350	13449292
CH322-100N08	CHORI-322	2L	8059351	8080041
CH322-100N09	CHORI-322	2R	14302115	14320258
CH322-100N10	CHORI-322	3R	22454857	22475640
CH322-100N12	CHORI-322	3L	15821475	15844242
CH322-100N13	CHORI-322	2R	14324073	14349650
CH322-100N16	CHORI-322	2L	5489635	5509853
CH322-100N18	CHORI-322	3R	15214875	15234613
CH322-100N19	CHORI-322	3L	13951655	13976360
CH322-100N20	CHORI-322	2RHet	1893584	1914017
CH322-100N21	CHORI-322	2R	8816410	8840240
CH322-100N22	CHORI-322	3L	9316203	9336379
CH322-100N23	CHORI-322	X	10672249	10695550
CH322-100O03	CHORI-322	3R	13186167	13209186
CH322-100O04	CHORI-322	2R	16950387	16971747
CH322-100O05	CHORI-322	3LHet	1701568	1722060
CH322-100O06	CHORI-322	2L	12487351	12508434
CH322-100O07	CHORI-322	X	14113937	14138050
CH322-100O08	CHORI-322	3L	7432127	7454857
CH322-100O09	CHORI-322	2R	299857	319329
CH322-100O11	CHORI-322	2L	10493801	10514572
CH322-100O12	CHORI-322	2L	2996743	3017525
CH322-100O13	CHORI-322	3R	1547759	1567480
CH322-100O16	CHORI-322	3L	22142482	22167389
CH322-100O17	CHORI-322	4	353356	375130
CH322-100O21	CHORI-322	3R	7835856	7859440
CH322-100O23	CHORI-322	3R	12449291	12472075
CH322-100O24	CHORI-322	4	1091391	1113379
CH322-100P01	CHORI-322	3R	2626861	2650391
CH322-100P05	CHORI-322	2R	559687	581761
CH322-100P06	CHORI-322	3L	15001839	15025640
CH322-100P07	CHORI-322	3L	23683478	23706717
CH322-100P08	CHORI-322	2R	4123867	4147131
CH322-100P10	CHORI-322	2L	15732952	15753118
CH322-100P11	CHORI-322	3L	15197223	15219754
CH322-100P12	CHORI-322	3L	20968656	20990655
CH322-100P13	CHORI-322	3R	6502898	6525521
CH322-100P14	CHORI-322	2R	9779135	9800881
CH322-100P15	CHORI-322	2L	19261236	19281814
CH322-100P16	CHORI-322	3L	5982032	6005029
CH322-100P17	CHORI-322	3R	4136905	4159973
CH322-100P18	CHORI-322	2R	19777331	19801872
CH322-100P20	CHORI-322	2R	10700101	10720254
CH322-100P21	CHORI-322	3L	20364404	20385444

CH322-100P23	CHORI-322	3R	13830474	13852538
CH322-101A06	CHORI-322	3R	25700040	25721289
CH322-101A10	CHORI-322	3L	5146503	5169790
CH322-101A22	CHORI-322	3L	20557587	20580274
CH322-101B04	CHORI-322	3R	11458241	11481902
CH322-101B05	CHORI-322	2RHet	2618614	2641234
CH322-101B07	CHORI-322	2R	20681060	20702803
CH322-101B08	CHORI-322	3R	9888985	9913406
CH322-101B09	CHORI-322	3R	20719918	20742617
CH322-101B11	CHORI-322	2L	19076242	19098192
CH322-101B14	CHORI-322	3L	23479533	23498640
CH322-101B16	CHORI-322	3R	23134506	23155450
CH322-101B17	CHORI-322	2L	14296849	14319578
CH322-101B18	CHORI-322	3R	21923981	21945114
CH322-101B20	CHORI-322	2L	17379777	17401098
CH322-101B22	CHORI-322	X	20491177	20513958
CH322-101C02	CHORI-322	3L	12214231	12233808
CH322-101C04	CHORI-322	2L	21951490	21972216
CH322-101C05	CHORI-322	3R	25086513	25108061
CH322-101C10	CHORI-322	X	15349934	15376752
CH322-101C13	CHORI-322	X	21893979	21915198
CH322-101C14	CHORI-322	3R	21079517	21098779
CH322-101C15	CHORI-322	3LHet	2249478	2269121
CH322-101C16	CHORI-322	X	5655408	5678484
CH322-101C18	CHORI-322	3L	8208469	8233342
CH322-101C19	CHORI-322	3R	7721233	7742248
CH322-101C22	CHORI-322	2R	17349142	17369665
CH322-101C23	CHORI-322	2L	5133321	5154210
CH322-101D02	CHORI-322	3L	5006942	5026535
CH322-101D04	CHORI-322	3R	21750823	21773513
CH322-101D09	CHORI-322	2L	21068668	21088635
CH322-101D10	CHORI-322	3R	26022430	26045226
CH322-101D13	CHORI-322	2R	8831139	8851524
CH322-101D14	CHORI-322	3R	2456179	2480194
CH322-101D17	CHORI-322	X	13271504	13294338
CH322-101D19	CHORI-322	3L	11703921	11727645
CH322-101D21	CHORI-322	2R	16229789	16250108
CH322-101D22	CHORI-322	3R	6426192	6447204
CH322-101E03	CHORI-322	3L	8146545	8166119
CH322-101E04	CHORI-322	2L	3543263	3566501
CH322-101E05	CHORI-322	2R	14174761	14195637
CH322-101E06	CHORI-322	2L	19359452	19381747
CH322-101E13	CHORI-322	2L	1696352	1715891
CH322-101E14	CHORI-322	2L	6200693	6220289
CH322-101E15	CHORI-322	3R	20837619	20858053
CH322-101E16	CHORI-322	3R	18553728	18575002
CH322-101E17	CHORI-322	2L	4985994	5007616
CH322-101E20	CHORI-322	3L	22438604	22458880
CH322-101E21	CHORI-322	3R	933256	955066
CH322-101E22	CHORI-322	X	9157895	9181284
CH322-101E23	CHORI-322	2R	16939349	16962599
CH322-101F02	CHORI-322	X	2324377	2345314
CH322-101F04	CHORI-322	2R	7671196	7690967
CH322-101F06	CHORI-322	3R	2633707	2655399

CH322-101F07	CHORI-322	3L	3663424	3683218
CH322-101F10	CHORI-322	2R	14075193	14096588
CH322-101F11	CHORI-322	X	10470894	10493649
CH322-101F13	CHORI-322	3R	4325964	4350885
CH322-101F14	CHORI-322	3L	15721170	15740741
CH322-101F15	CHORI-322	2L	5710884	5734299
CH322-101F17	CHORI-322	3R	9030145	9053422
CH322-101F18	CHORI-322	3L	4644875	4667034
CH322-101F21	CHORI-322	2L	18829778	18849474
CH322-101F22	CHORI-322	2R	3844634	3864878
CH322-101F23	CHORI-322	3R	18917736	18942098
CH322-101G02	CHORI-322	2R	8580451	8600152
CH322-101G06	CHORI-322	X	10241434	10262996
CH322-101G17	CHORI-322	X	5519396	5539030
CH322-101G20	CHORI-322	3L	6063856	6088321
CH322-101G22	CHORI-322	3R	636914	656122
CH322-101H04	CHORI-322	3R	19680432	19701619
CH322-101H05	CHORI-322	3R	21855564	21877640
CH322-101H14	CHORI-322	3R	5347016	5369624
CH322-101H15	CHORI-322	3L	22112770	22132902
CH322-101H16	CHORI-322	3L	14910446	14933282
CH322-101H17	CHORI-322	X	7822569	7843520
CH322-101H18	CHORI-322	2L	4297626	4319798
CH322-101H19	CHORI-322	X	9664110	9685988
CH322-101H20	CHORI-322	2R	8003968	8026867
CH322-101H22	CHORI-322	2L	883384	905089
CH322-101I02	CHORI-322	3R	13041045	13061278
CH322-101I03	CHORI-322	2L	2754720	2774767
CH322-101I04	CHORI-322	3R	15729953	15750160
CH322-101I05	CHORI-322	2L	9702774	9723714
CH322-101I08	CHORI-322	X	12270851	12292819
CH322-101I10	CHORI-322	2R	14134643	14156546
CH322-101I14	CHORI-322	3R	21826658	21849086
CH322-101I17	CHORI-322	3R	24745057	24764923
CH322-101I18	CHORI-322	3L	16788494	16809163
CH322-101I19	CHORI-322	3L	19186791	19207795
CH322-101I20	CHORI-322	3L	16934076	16957199
CH322-101I22	CHORI-322	3L	22753196	22776167
CH322-101J02	CHORI-322	2L	14686008	14705820
CH322-101J05	CHORI-322	X	18192379	18216329
CH322-101J07	CHORI-322	3RHet	1481847	1504760
CH322-101J09	CHORI-322	2L	9662538	9683515
CH322-101J11	CHORI-322	3L	8711066	8735055
CH322-101J14	CHORI-322	2RHet	1415296	1439610
CH322-101J15	CHORI-322	2L	20426395	20448409
CH322-101J18	CHORI-322	3R	9985116	10008095
CH322-101J19	CHORI-322	3L	16586723	16607336
CH322-101J20	CHORI-322	3R	8099159	8123376
CH322-101J21	CHORI-322	3R	27686869	27710112
CH322-101J22	CHORI-322	3LHet	2442123	2464978
CH322-101K02	CHORI-322	2R	19866958	19888671
CH322-101K03	CHORI-322	3L	5209948	5229280
CH322-101K04	CHORI-322	3R	11756958	11778618
CH322-101K09	CHORI-322	X	14367132	14390133

CH322-101K10	CHORI-322	3L	18664126	18688317
CH322-101K13	CHORI-322	X	10610548	10630329
CH322-101K16	CHORI-322	3R	18929137	18953401
CH322-101K17	CHORI-322	3L	23580705	23602037
CH322-101K18	CHORI-322	X	10838264	10860710
CH322-101K19	CHORI-322	X	19567047	19590316
CH322-101K20	CHORI-322	3R	22705935	22728198
CH322-101K22	CHORI-322	3L	11823328	11845333
CH322-101L02	CHORI-322	3L	9032839	9055409
CH322-101L05	CHORI-322	3R	2633705	2654730
CH322-101L08	CHORI-322	2R	625997	647003
CH322-101L09	CHORI-322	2L	5736368	5757868
CH322-101L10	CHORI-322	2R	6954843	6976326
CH322-101L13	CHORI-322	X	7948012	7970833
CH322-101L14	CHORI-322	3L	9614062	9634412
CH322-101L17	CHORI-322	X	10225028	10245728
CH322-101L18	CHORI-322	X	6699267	6723885
CH322-101L20	CHORI-322	3L	8344523	8366167
CH322-101L22	CHORI-322	2R	5753605	5772885
CH322-101M02	CHORI-322	2R	2130759	2155256
CH322-101M04	CHORI-322	3L	17579902	17600178
CH322-101M05	CHORI-322	3R	1212915	1234988
CH322-101M06	CHORI-322	2L	3869188	3889063
CH322-101M07	CHORI-322	2R	9017536	9041558
CH322-101M10	CHORI-322	X	5802327	5821559
CH322-101M15	CHORI-322	2L	512950	537203
CH322-101M17	CHORI-322	2R	7121990	7144752
CH322-101M18	CHORI-322	3L	18654624	18674690
CH322-101M21	CHORI-322	3R	2831855	2851129
CH322-101M22	CHORI-322	3R	6502898	6523712
CH322-101N04	CHORI-322	2R	17030556	17050381
CH322-101N08	CHORI-322	3R	1056439	1079809
CH322-101N11	CHORI-322	X	18304571	18325542
CH322-101N12	CHORI-322	2R	13600671	13622640
CH322-101N14	CHORI-322	3R	4544975	4565719
CH322-101N16	CHORI-322	3L	11794595	11817294
CH322-101N22	CHORI-322	3L	1306832	1331378
CH322-101O05	CHORI-322	2R	10602536	10622232
CH322-101O14	CHORI-322	3L	1889248	1908853
CH322-101O22	CHORI-322	3L	12753956	12777916
CH322-102A08	CHORI-322	2L	5793561	5817736
CH322-102A10	CHORI-322	3R	19304312	19326210
CH322-102A12	CHORI-322	2R	3630370	3651670
CH322-102A15	CHORI-322	X	20642962	20665081
CH322-102A17	CHORI-322	X	21805941	21828706
CH322-102A18	CHORI-322	3R	20989001	21012392
CH322-102B03	CHORI-322	2L	7148884	7168608
CH322-102B04	CHORI-322	2R	4957036	4981813
CH322-102B05	CHORI-322	3R	15913947	15933329
CH322-102B06	CHORI-322	2L	13710387	13730502
CH322-102B08	CHORI-322	3R	3375120	3397938
CH322-102B10	CHORI-322	2L	6240887	6264831
CH322-102B11	CHORI-322	3L	4437761	4459987
CH322-102B12	CHORI-322	2L	6661541	6682899

CH322-102B16	CHORI-322	4	524708	546906
CH322-102B19	CHORI-322	2R	8504587	8529155
CH322-102B20	CHORI-322	3L	817574	840015
CH322-102B22	CHORI-322	2R	5498302	5521130
CH322-102C02	CHORI-322	2R	11071571	11093635
CH322-102C03	CHORI-322	2R	11383249	11407673
CH322-102C05	CHORI-322	X	12484505	12504239
CH322-102C13	CHORI-322	3R	5593	27230
CH322-102C16	CHORI-322	3L	23881128	23902597
CH322-102C17	CHORI-322	3R	19286940	19307876
CH322-102C19	CHORI-322	2R	18369221	18390844
CH322-102C20	CHORI-322	2L	11626881	11647596
CH322-102C21	CHORI-322	3L	17460310	17480347
CH322-102C22	CHORI-322	2L	21857289	21880627
CH322-102D01	CHORI-322	X	15503183	15524333
CH322-102D02	CHORI-322	X	16993436	17017997
CH322-102D03	CHORI-322	2R	16516639	16540864
CH322-102D17	CHORI-322	X	17408560	17432976
CH322-102D19	CHORI-322	3L	1093849	1111467
CH322-102D20	CHORI-322	3R	17331759	17353870
CH322-102D22	CHORI-322	2L	6169430	6190357
CH322-102D23	CHORI-322	2RHet	2788897	2810594
CH322-102E02	CHORI-322	2L	3927629	3948525
CH322-102E13	CHORI-322	3L	7692892	7712558
CH322-102E17	CHORI-322	X	15139114	15161541
CH322-102E18	CHORI-322	3L	1190101	1212838
CH322-102E22	CHORI-322	2R	2439470	2461592
CH322-102E24	CHORI-322	2L	4685239	4708045
CH322-102F01	CHORI-322	ArmU	1057666	1080525
CH322-102F04	CHORI-322	X	15182797	15202995
CH322-102F10	CHORI-322	3L	20228700	20250780
CH322-102F14	CHORI-322	2R	9205709	9226013
CH322-102F17	CHORI-322	3R	5447774	5467454
CH322-102F20	CHORI-322	2R	10794911	10815018
CH322-102F22	CHORI-322	X	2228428	2250336
CH322-102F23	CHORI-322	2R	10054981	10075054
CH322-102F24	CHORI-322	3L	23040926	23061843
CH322-102G01	CHORI-322	3R	13957639	13978015
CH322-102G03	CHORI-322	3LHet	407554	428360
CH322-102G04	CHORI-322	2L	13213758	13234741
CH322-102G15	CHORI-322	3L	12443713	12465338
CH322-102G17	CHORI-322	X	657476	679867
CH322-102G18	CHORI-322	3L	10979452	11000677
CH322-102G22	CHORI-322	3R	12426763	12449566
CH322-102G24	CHORI-322	3L	2783138	2802924
CH322-102H01	CHORI-322	3L	4184298	4206901
CH322-102H03	CHORI-322	3R	15292737	15315429
CH322-102H06	CHORI-322	ArmU	115410	138036
CH322-102H14	CHORI-322	X	6558124	6581089
CH322-102H16	CHORI-322	2R	20798351	20819703
CH322-102H17	CHORI-322	3L	3404823	3424031
CH322-102H18	CHORI-322	X	9214728	9235575
CH322-102H20	CHORI-322	3L	3361395	3382597
CH322-102H22	CHORI-322	2L	8197973	8217618

CH322-102H24	CHORI-322	3R	26516473	26538807
CH322-102I01	CHORI-322	2RHet	1571447	1594311
CH322-102I02	CHORI-322	3L	18232103	18252278
CH322-102I03	CHORI-322	3RHet	2336035	2359437
CH322-102I14	CHORI-322	2RHet	683719	704179
CH322-102I18	CHORI-322	3R	4992366	5014219
CH322-102I19	CHORI-322	3R	21616937	21637489
CH322-102I21	CHORI-322	3L	13223418	13244511
CH322-102I23	CHORI-322	3R	20209858	20233625
CH322-102J01	CHORI-322	2L	8005098	8028412
CH322-102J02	CHORI-322	3L	3570104	3591683
CH322-102J11	CHORI-322	2R	7184090	7205350
CH322-102J13	CHORI-322	3L	1133026	1156244
CH322-102J16	CHORI-322	2R	8125739	8146039
CH322-102J17	CHORI-322	3R	11899580	11919101
CH322-102J21	CHORI-322	3R	18427280	18450970
CH322-102J22	CHORI-322	2L	3691243	3712362
CH322-102J23	CHORI-322	2R	7346614	7370236
CH322-102J24	CHORI-322	3L	824286	847351
CH322-102K04	CHORI-322	X	5141923	5166235
CH322-102K05	CHORI-322	X	13140447	13162563
CH322-102K08	CHORI-322	2R	3559324	3582370
CH322-102K09	CHORI-322	X	8375954	8397735
CH322-102K15	CHORI-322	2L	17435413	17454977
CH322-102K18	CHORI-322	X	8234756	8256080
CH322-102K19	CHORI-322	X	6249895	6272912
CH322-102K22	CHORI-322	3R	12245581	12269515
CH322-102K23	CHORI-322	3R	2697173	2721587
CH322-102L01	CHORI-322	X	16974483	16996897
CH322-102L02	CHORI-322	2R	20425159	20446587
CH322-102L11	CHORI-322	3R	11971722	11994551
CH322-102L13	CHORI-322	3R	25706045	25726942
CH322-102L16	CHORI-322	X	665272	688155
CH322-102L18	CHORI-322	2R	20309291	20333699
CH322-102L20	CHORI-322	2R	2620694	2644234
CH322-102L22	CHORI-322	3R	1166767	1187228
CH322-102M01	CHORI-322	2RHet	1619174	1640697
CH322-102M02	CHORI-322	3L	20654815	20679648
CH322-102M03	CHORI-322	2R	14160946	14180846
CH322-102M09	CHORI-322	3L	1746266	1770075
CH322-102M12	CHORI-322	X	11776006	11795742
CH322-102M13	CHORI-322	2L	14303469	14324324
CH322-102M16	CHORI-322	3R	18546633	18572051
CH322-102M18	CHORI-322	2R	4338153	4358335
CH322-102M19	CHORI-322	2L	645617	668533
CH322-102M20	CHORI-322	3L	3156358	3177713
CH322-102M23	CHORI-322	X	21233237	21256957
CH322-102M24	CHORI-322	3L	14394563	14416178
CH322-102N03	CHORI-322	3L	4229286	4250505
CH322-102N04	CHORI-322	2L	12100794	12126380
CH322-102N05	CHORI-322	X	7999706	8024665
CH322-102N06	CHORI-322	X	16746405	16768956
CH322-102N08	CHORI-322	3L	19649531	19671950
CH322-102N09	CHORI-322	2R	2944249	2966054

CH322-102N10	CHORI-322	2L	873303	899876
CH322-102N12	CHORI-322	2RHet	569270	590850
CH322-102N15	CHORI-322	3R	20072515	20095312
CH322-102N16	CHORI-322	X	6147301	6171327
CH322-102N17	CHORI-322	2R	19538271	19557814
CH322-102N18	CHORI-322	X	11231473	11251292
CH322-102N19	CHORI-322	2L	4964277	4986412
CH322-102N20	CHORI-322	4	391798	410550
CH322-102N21	CHORI-322	X	2361747	2382539
CH322-102N22	CHORI-322	4	609719	632020
CH322-102O02	CHORI-322	3R	2978851	2999143
CH322-102O04	CHORI-322	2R	19208183	19232166
CH322-102O05	CHORI-322	2R	1723442	1744304
CH322-102O09	CHORI-322	3L	21402130	21424916
CH322-102O10	CHORI-322	X	21474539	21497170
CH322-102O11	CHORI-322	2L	15390803	15413079
CH322-102O14	CHORI-322	3L	22683009	22704902
CH322-102O15	CHORI-322	2L	5295134	5319513
CH322-102O18	CHORI-322	3R	17593762	17614162
CH322-102O19	CHORI-322	2R	1167137	1189685
CH322-102O22	CHORI-322	2RHet	2352412	2375704
CH322-102O24	CHORI-322	2RHet	823169	844619
CH322-102P01	CHORI-322	X	16666044	16689177
CH322-102P06	CHORI-322	X	1001987	1024445
CH322-102P08	CHORI-322	3L	15712890	15736553
CH322-102P10	CHORI-322	3L	8711086	8733617
CH322-102P12	CHORI-322	X	1254339	1272672
CH322-102P13	CHORI-322	3R	27512063	27536557
CH322-102P16	CHORI-322	X	15182797	15202219
CH322-102P18	CHORI-322	3R	1456694	1480082
CH322-102P19	CHORI-322	2R	4818397	4842838
CH322-103A04	CHORI-322	3L	11860691	11883243
CH322-103A08	CHORI-322	3R	19878852	19901291
CH322-103A16	CHORI-322	2L	18744844	18764545
CH322-103A20	CHORI-322	3L	11633406	11652991
CH322-103A22	CHORI-322	2R	9098131	9113270
CH322-103A24	CHORI-322	2L	14746964	14766908
CH322-103B02	CHORI-322	X	10348785	10369540
CH322-103B03	CHORI-322	X	7609142	7632417
CH322-103B04	CHORI-322	3LHet	669474	690469
CH322-103B06	CHORI-322	3L	21169347	21191599
CH322-103B07	CHORI-322	3R	12662937	12687124
CH322-103B08	CHORI-322	2R	5323193	5342095
CH322-103B09	CHORI-322	2R	20614288	20637258
CH322-103B10	CHORI-322	3R	4168586	4190631
CH322-103B15	CHORI-322	2L	2982938	3004762
CH322-103B18	CHORI-322	3RHet	1649114	1673172
CH322-103B19	CHORI-322	2L	8827039	8846584
CH322-103B20	CHORI-322	X	19409144	19431873
CH322-103B22	CHORI-322	2L	7889036	7912555
CH322-103B24	CHORI-322	3R	20037255	20058289
CH322-103C03	CHORI-322	2L	10974850	10999577
CH322-103C05	CHORI-322	X	17472558	17495143
CH322-103C08	CHORI-322	2R	2114366	2134103

CH322-103C09	CHORI-322	3R	9170907	9192307
CH322-103C12	CHORI-322	2L	17203645	17227491
CH322-103C14	CHORI-322	3RHet	1936989	1956939
CH322-103C18	CHORI-322	3R	22511161	22536268
CH322-103C22	CHORI-322	2L	14775104	14795991
CH322-103C24	CHORI-322	3RHet	672821	692924
CH322-103D02	CHORI-322	3R	11788789	11811311
CH322-103D03	CHORI-322	3L	4493882	4514843
CH322-103D04	CHORI-322	3R	7141407	7163764
CH322-103D06	CHORI-322	2R	4855962	4877975
CH322-103D08	CHORI-322	2R	13936273	13958818
CH322-103D13	CHORI-322	3R	4506541	4528060
CH322-103D14	CHORI-322	3R	12027055	12050752
CH322-103D15	CHORI-322	X	16821620	16842247
CH322-103D16	CHORI-322	2L	7764884	7786526
CH322-103D24	CHORI-322	2R	10903340	10923753
CH322-103E02	CHORI-322	2R	10783710	10808316
CH322-103E04	CHORI-322	3R	21954910	21976903
CH322-103E05	CHORI-322	3R	3279117	3300687
CH322-103E08	CHORI-322	3R	14128109	14152463
CH322-103E10	CHORI-322	3L	4135461	4160359
CH322-103E11	CHORI-322	2L	6817036	6837825
CH322-103E12	CHORI-322	X	19949852	19969305
CH322-103E18	CHORI-322	X	1366382	1390815
CH322-103E20	CHORI-322	3L	13200399	13223034
CH322-103E21	CHORI-322	2R	4284674	4305953
CH322-103E22	CHORI-322	3L	8734915	8754988
CH322-103F02	CHORI-322	2R	12412616	12435860
CH322-103F04	CHORI-322	2R	5102224	5122817
CH322-103F06	CHORI-322	3L	11460530	11478264
CH322-103F09	CHORI-322	3R	1195971	1219484
CH322-103F10	CHORI-322	3R	3598445	3617934
CH322-103F14	CHORI-322	X	10606170	10629478
CH322-103F16	CHORI-322	3L	22467245	22489459
CH322-103F17	CHORI-322	2L	2843533	2866006
CH322-103F18	CHORI-322	3R	239954	260577
CH322-103F19	CHORI-322	2L	5418751	5442184
CH322-103F20	CHORI-322	2R	20529498	20549469
CH322-103F22	CHORI-322	X	1590882	1611642
CH322-103F23	CHORI-322	X	16372814	16393283
CH322-103G02	CHORI-322	3L	3548732	3570107
CH322-103G03	CHORI-322	3L	612932	637491
CH322-103G06	CHORI-322	3L	19882446	19906000
CH322-103G07	CHORI-322	2R	2510470	2532514
CH322-103G11	CHORI-322	X	21198836	21218667
CH322-103G20	CHORI-322	2R	2602611	2625030
CH322-103G22	CHORI-322	3L	22228392	22247851
CH322-103G23	CHORI-322	2R	4087102	4111139
CH322-103H02	CHORI-322	X	8966565	8986456
CH322-103H03	CHORI-322	X	17344527	17365124
CH322-103H04	CHORI-322	2L	11006774	11030328
CH322-103H05	CHORI-322	3R	25365894	25390116
CH322-103H06	CHORI-322	2L	13232846	13256714
CH322-103H07	CHORI-322	3L	6766321	6788471

CH322-103H08	CHORI-322	2R	14735722	14760575
CH322-103H09	CHORI-322	3L	8468002	8492066
CH322-103H10	CHORI-322	3R	619487	640326
CH322-103H11	CHORI-322	3R	112455	135854
CH322-103H14	CHORI-322	2R	13428172	13453853
CH322-103H16	CHORI-322	X	8607048	8627803
CH322-103H18	CHORI-322	2L	2603207	2625394
CH322-103H19	CHORI-322	2R	5173178	5194441
CH322-103H21	CHORI-322	3L	6788364	6812624
CH322-103H23	CHORI-322	2L	10215911	10236503
CH322-103I02	CHORI-322	3L	18342770	18365614
CH322-103I03	CHORI-322	2L	567843	590258
CH322-103I04	CHORI-322	3L	6868761	6889032
CH322-103I09	CHORI-322	3L	8495126	8515300
CH322-103I10	CHORI-322	3L	841979	862063
CH322-103I12	CHORI-322	3L	374001	396716
CH322-103I15	CHORI-322	3R	11753455	11778475
CH322-103I17	CHORI-322	X	15043360	15067514
CH322-103I19	CHORI-322	2R	10092409	10114610
CH322-103I24	CHORI-322	3R	1542124	1563878
CH322-103J04	CHORI-322	2L	21100769	21120817
CH322-103J06	CHORI-322	3R	1164997	1186210
CH322-103J07	CHORI-322	2L	19487584	19512817
CH322-103J09	CHORI-322	2L	4646324	4666534
CH322-103J10	CHORI-322	2R	19192989	19213873
CH322-103J13	CHORI-322	2L	16292453	16314414
CH322-103J15	CHORI-322	2L	7753688	7774875
CH322-103J17	CHORI-322	X	7158458	7182134
CH322-103J19	CHORI-322	3RHet	209048	230344
CH322-103J20	CHORI-322	2R	6181898	6204378
CH322-103J21	CHORI-322	3L	21658114	21677551
CH322-103J22	CHORI-322	2R	14303566	14329602
CH322-103J23	CHORI-322	2R	20726440	20746723
CH322-103K03	CHORI-322	3R	18437077	18461438
CH322-103K05	CHORI-322	2R	384520	407386
CH322-103K06	CHORI-322	X	3714708	3733038
CH322-103K09	CHORI-322	X	5786426	5808320
CH322-103K10	CHORI-322	2L	21162729	21185499
CH322-103K15	CHORI-322	3R	6914231	6937770
CH322-103K17	CHORI-322	2L	22857982	22878115
CH322-103K19	CHORI-322	2L	617696	639268
CH322-103K22	CHORI-322	2R	5857941	5879114
CH322-103L02	CHORI-322	3L	4723093	4743025
CH322-103L06	CHORI-322	2L	258380	280777
CH322-103L08	CHORI-322	2L	9733420	9754952
CH322-103L10	CHORI-322	3L	7561534	7583247
CH322-103L11	CHORI-322	2R	17560579	17580869
CH322-103L14	CHORI-322	3L	22677255	22700364
CH322-103L17	CHORI-322	2R	3583527	3602741
CH322-103L21	CHORI-322	3L	23215877	23236760
CH322-103L22	CHORI-322	2L	19535125	19555108
CH322-103L23	CHORI-322	3R	11493231	11513366
CH322-103M02	CHORI-322	3R	14886643	14909376
CH322-103M04	CHORI-322	3R	27295251	27315328

CH322-103M05	CHORI-322	2R	7102070	7125001
CH322-103M07	CHORI-322	X	16496351	16518112
CH322-103M08	CHORI-322	2L	1028589	1052202
CH322-103M10	CHORI-322	3R	1632823	1652670
CH322-103M15	CHORI-322	3RHet	625809	646490
CH322-103M16	CHORI-322	2R	1262135	1284492
CH322-103M18	CHORI-322	3R	23166641	23188229
CH322-103N02	CHORI-322	2R	4957050	4978013
CH322-103N06	CHORI-322	3L	2700659	2722368
CH322-103N08	CHORI-322	2L	5345737	5367264
CH322-103N09	CHORI-322	2R	5747466	5772058
CH322-103N10	CHORI-322	3R	22991468	23015821
CH322-103N18	CHORI-322	3L	20922033	20941767
CH322-103N20	CHORI-322	3L	4003884	4025026
CH322-103N22	CHORI-322	ArmU	115410	138179
CH322-103N24	CHORI-322	2R	18966129	18988726
CH322-103O04	CHORI-322	X	18280711	18303147
CH322-103O06	CHORI-322	2RHet	1415313	1436384
CH322-103O08	CHORI-322	2L	12741686	12765165
CH322-103O09	CHORI-322	2L	10751667	10774053
CH322-103O11	CHORI-322	3L	16490867	16511384
CH322-103O12	CHORI-322	3L	15825049	15847062
CH322-103O14	CHORI-322	3R	1075647	1095024
CH322-103O16	CHORI-322	3R	21799007	21820565
CH322-103O18	CHORI-322	3L	13415104	13439241
CH322-103O20	CHORI-322	3L	887260	911014
CH322-103P04	CHORI-322	3L	16344492	16365291
CH322-103P06	CHORI-322	X	20676080	20699157
CH322-103P08	CHORI-322	3L	1624490	1645679
CH322-103P10	CHORI-322	3R	21701605	21722616
CH322-103P14	CHORI-322	2L	19005762	19030907
CH322-103P16	CHORI-322	2R	8160123	8184409
CH322-103P18	CHORI-322	4	437428	458389
CH322-103P20	CHORI-322	3L	13526620	13548966
CH322-104A02	CHORI-322	X	18698255	18723537
CH322-104A03	CHORI-322	3L	17422037	17444795
CH322-104A04	CHORI-322	2RHet	1443283	1463426
CH322-104A05	CHORI-322	2L	19708328	19731592
CH322-104A06	CHORI-322	3L	8960153	8982564
CH322-104A07	CHORI-322	2R	1081203	1104701
CH322-104A08	CHORI-322	3L	9822273	9843483
CH322-104A09	CHORI-322	3R	17717139	17741005
CH322-104A11	CHORI-322	3L	21108069	21128774
CH322-104A12	CHORI-322	2R	5951739	5974190
CH322-104A13	CHORI-322	2L	7383155	7405553
CH322-104A14	CHORI-322	X	4520765	4542195
CH322-104A16	CHORI-322	3L	3872763	3896312
CH322-104A17	CHORI-322	2R	13141096	13163783
CH322-104A19	CHORI-322	2R	668674	690422
CH322-104A20	CHORI-322	3L	17618110	17639508
CH322-104A21	CHORI-322	2R	11422503	11442637
CH322-104A24	CHORI-322	3R	20341469	20367068
CH322-104B03	CHORI-322	3L	8185422	8207570
CH322-104B04	CHORI-322	4	320997	344575

CH322-104B07	CHORI-322	3R	11670022	11692038
CH322-104B11	CHORI-322	3R	17327551	17350927
CH322-104B12	CHORI-322	2L	18320696	18340977
CH322-104B13	CHORI-322	3L	17717621	17742538
CH322-104B15	CHORI-322	3L	17025434	17050243
CH322-104B16	CHORI-322	3R	25626895	25650889
CH322-104B17	CHORI-322	2L	20059528	20082157
CH322-104B18	CHORI-322	3L	18455707	18474714
CH322-104B19	CHORI-322	2L	9913946	9937525
CH322-104B20	CHORI-322	3L	19193805	19215196
CH322-104B21	CHORI-322	3R	3238900	3260527
CH322-104B22	CHORI-322	2L	3848791	3871297
CH322-104B23	CHORI-322	3R	12041617	12061937
CH322-104C01	CHORI-322	2R	8900848	8923895
CH322-104C02	CHORI-322	3R	21180534	21202187
CH322-104C03	CHORI-322	3R	10148651	10170343
CH322-104C04	CHORI-322	3L	7275270	7297831
CH322-104C05	CHORI-322	3R	7040148	7060964
CH322-104C06	CHORI-322	3R	24001547	24021271
CH322-104C11	CHORI-322	X	5554443	5577214
CH322-104C13	CHORI-322	2L	9369203	9390034
CH322-104C15	CHORI-322	2L	370906	391103
CH322-104C19	CHORI-322	2L	9743451	9765981
CH322-104C21	CHORI-322	X	942275	965591
CH322-104C22	CHORI-322	2L	21140938	21164967
CH322-104C24	CHORI-322	3L	22780620	22800943
CH322-104D01	CHORI-322	2R	18693764	18716285
CH322-104D02	CHORI-322	2R	14036977	14060990
CH322-104D03	CHORI-322	X	18178955	18202951
CH322-104D06	CHORI-322	3RHet	1464698	1488467
CH322-104D16	CHORI-322	2R	13432355	13455849
CH322-104D18	CHORI-322	X	16048959	16070863
CH322-104D19	CHORI-322	2R	13711056	13732929
CH322-104D20	CHORI-322	2R	6677707	6699931
CH322-104D21	CHORI-322	3R	4139593	4159973
CH322-104D24	CHORI-322	X	5676656	5697383
CH322-104E01	CHORI-322	2L	18720625	18740287
CH322-104E02	CHORI-322	2RHet	1697768	1720096
CH322-104E03	CHORI-322	2L	14928148	14950899
CH322-104E04	CHORI-322	3R	24394182	24416708
CH322-104E05	CHORI-322	3R	4557194	4579468
CH322-104E06	CHORI-322	3R	1480403	1500729
CH322-104E09	CHORI-322	3L	1751040	1776776
CH322-104E11	CHORI-322	3R	21809703	21829825
CH322-104E13	CHORI-322	3R	15019126	15040564
CH322-104E15	CHORI-322	2L	3508584	3531433
CH322-104E17	CHORI-322	3L	306338	328760
CH322-104E18	CHORI-322	2R	17255088	17275255
CH322-104E19	CHORI-322	2L	1875655	1902155
CH322-104E20	CHORI-322	3R	5448953	5472188
CH322-104E22	CHORI-322	3L	23822601	23841834
CH322-104E23	CHORI-322	2L	17548846	17567774
CH322-104E24	CHORI-322	2L	8293973	8316823
CH322-104F01	CHORI-322	3R	1711071	1735672

CH322-104F02	CHORI-322	3L	5778031	5801517
CH322-104F04	CHORI-322	2R	11911846	11935334
CH322-104F10	CHORI-322	3R	27219144	27239289
CH322-104F11	CHORI-322	3R	19301169	19324575
CH322-104F12	CHORI-322	3L	6367480	6388566
CH322-104F21	CHORI-322	X	11928351	11949835
CH322-104F22	CHORI-322	2L	17088622	17108337
CH322-104F23	CHORI-322	2R	18941146	18962473
CH322-104F24	CHORI-322	3R	1338000	1362143
CH322-104G02	CHORI-322	2R	8423070	8445124
CH322-104G03	CHORI-322	3R	9722325	9744278
CH322-104G04	CHORI-322	3R	3113453	3133300
CH322-104G08	CHORI-322	2L	15104182	15122974
CH322-104G09	CHORI-322	3R	9491488	9513863
CH322-104G11	CHORI-322	X	15367596	15390002
CH322-104G17	CHORI-322	2R	7650303	7672704
CH322-104G21	CHORI-322	X	13898508	13919696
CH322-104G22	CHORI-322	2L	2415808	2438766
CH322-104H01	CHORI-322	2R	17126972	17149305
CH322-104H02	CHORI-322	3R	6486252	6508694
CH322-104H03	CHORI-322	3L	1414499	1437432
CH322-104H04	CHORI-322	2L	14907504	14927252
CH322-104H05	CHORI-322	3L	19145009	19165748
CH322-104H08	CHORI-322	2R	12787392	12808479
CH322-104H09	CHORI-322	X	19073341	19094040
CH322-104H12	CHORI-322	2R	12912251	12935178
CH322-104H13	CHORI-322	3L	16758871	16779690
CH322-104H14	CHORI-322	3R	1092445	1114102
CH322-104H15	CHORI-322	3R	18933837	18954424
CH322-104H21	CHORI-322	3R	1828952	1849268
CH322-104H23	CHORI-322	2R	2341582	2363978
CH322-104I01	CHORI-322	2R	11422417	11444327
CH322-104I02	CHORI-322	X	8527352	8553342
CH322-104I03	CHORI-322	X	13920118	13942531
CH322-104I08	CHORI-322	2R	388500	408186
CH322-104I12	CHORI-322	3R	25426567	25449117
CH322-104I18	CHORI-322	3R	26837530	26859730
CH322-104I19	CHORI-322	2R	2769720	2792229
CH322-104I21	CHORI-322	3L	6181779	6205778
CH322-104I22	CHORI-322	X	16907462	16929753
CH322-104I23	CHORI-322	2L	12030686	12054027
CH322-104J01	CHORI-322	3LHet	557137	576820
CH322-104J02	CHORI-322	X	15520470	15543561
CH322-104J04	CHORI-322	3L	21405428	21428769
CH322-104J07	CHORI-322	2L	20019585	20043270
CH322-104J12	CHORI-322	2R	11720196	11741683
CH322-104J14	CHORI-322	3R	12154502	12174107
CH322-104J15	CHORI-322	3R	25314428	25334946
CH322-104J16	CHORI-322	2R	19098704	19121099
CH322-104J18	CHORI-322	3R	11316619	11339857
CH322-104J19	CHORI-322	3L	24031696	24057835
CH322-104J20	CHORI-322	2R	6525145	6547070
CH322-104J21	CHORI-322	3L	15962354	15983122
CH322-104J22	CHORI-322	2R	19692686	19716315

CH322-104J23	CHORI-322	2L	6923263	6944733
CH322-104J24	CHORI-322	ArmU	230433	250305
CH322-104K01	CHORI-322	2L	4503870	4526724
CH322-104K05	CHORI-322	3R	20491388	20510846
CH322-104K09	CHORI-322	2R	16630359	16654977
CH322-104K11	CHORI-322	3R	4097368	4117069
CH322-104K13	CHORI-322	2L	13689881	13714462
CH322-104K15	CHORI-322	3R	8260666	8281168
CH322-104K18	CHORI-322	3L	2624776	2645469
CH322-104K19	CHORI-322	2R	6907358	6927487
CH322-104K20	CHORI-322	3LHet	269464	288850
CH322-104K21	CHORI-322	X	10130986	10153061
CH322-104K22	CHORI-322	3R	16609106	16631230
CH322-104K24	CHORI-322	X	14161062	14185457
CH322-104L01	CHORI-322	2L	18853148	18875626
CH322-104L03	CHORI-322	2R	14421627	14442507
CH322-104L04	CHORI-322	X	14846886	14870770
CH322-104L05	CHORI-322	2L	6091851	6112975
CH322-104L07	CHORI-322	3R	13888873	13910026
CH322-104L08	CHORI-322	3L	17161966	17182160
CH322-104L09	CHORI-322	3R	21133120	21155464
CH322-104L10	CHORI-322	3L	1252793	1278523
CH322-104L14	CHORI-322	2R	21004930	21026111
CH322-104L15	CHORI-322	3L	21414128	21434273
CH322-104L17	CHORI-322	X	4835423	4860042
CH322-104L19	CHORI-322	3R	911220	930791
CH322-104L21	CHORI-322	X	15197285	15220304
CH322-104L23	CHORI-322	3L	5540715	5560824
CH322-104M01	CHORI-322	2L	11445247	11468994
CH322-104M02	CHORI-322	3R	13732558	13752153
CH322-104M03	CHORI-322	2L	17416539	17440285
CH322-104M05	CHORI-322	3LHet	2127624	2149221
CH322-104M06	CHORI-322	2R	313943	333684
CH322-104M08	CHORI-322	ArmU	1188475	1211307
CH322-104M09	CHORI-322	3R	12556251	12577549
CH322-104M10	CHORI-322	3L	19440370	19460389
CH322-104M11	CHORI-322	2L	8387277	8411787
CH322-104M12	CHORI-322	3R	16387462	16410962
CH322-104M15	CHORI-322	2R	4844562	4866331
CH322-104M18	CHORI-322	3R	19720291	19742817
CH322-104M19	CHORI-322	2R	18364752	18386554
CH322-104M20	CHORI-322	2L	10242749	10263040
CH322-104M21	CHORI-322	2R	6573421	6596325
CH322-104M22	CHORI-322	2R	8164768	8187101
CH322-104M23	CHORI-322	2R	5061038	5083460
CH322-104N01	CHORI-322	2R	20637255	20663098
CH322-104N02	CHORI-322	3R	12422685	12445664
CH322-104N03	CHORI-322	X	19532610	19559234
CH322-104N04	CHORI-322	2L	7897975	7922540
CH322-104N05	CHORI-322	2L	18672675	18691248
CH322-104N06	CHORI-322	X	12057669	12079618
CH322-104N07	CHORI-322	2L	16763363	16786329
CH322-104N09	CHORI-322	3L	14751510	14775780
CH322-104N10	CHORI-322	3L	4885394	4909344

CH322-104N11	CHORI-322	2L	12420580	12442337
CH322-104N12	CHORI-322	2R	6318295	6337306
CH322-104N14	CHORI-322	2R	6754197	6775978
CH322-104N15	CHORI-322	3L	5754413	5771580
CH322-104N16	CHORI-322	3L	8904789	8926387
CH322-104N17	CHORI-322	2R	8538185	8563784
CH322-104N18	CHORI-322	3L	17034103	17056866
CH322-104N20	CHORI-322	X	5343442	5364334
CH322-104N21	CHORI-322	3R	18294356	18314044
CH322-104N23	CHORI-322	4	213082	234994
CH322-104O01	CHORI-322	3RHet	1228475	1248360
CH322-104O02	CHORI-322	3R	27869335	27890623
CH322-104O03	CHORI-322	3RHet	1995319	2017961
CH322-104O05	CHORI-322	3L	5723093	5743851
CH322-104O06	CHORI-322	3R	22424374	22445705
CH322-104O07	CHORI-322	3L	8458887	8480170
CH322-104O08	CHORI-322	2R	9757727	9780000
CH322-104O09	CHORI-322	3L	22394930	22417671
CH322-104O10	CHORI-322	3L	22448778	22465855
CH322-104O11	CHORI-322	3R	21317529	21340096
CH322-104O12	CHORI-322	3R	2186529	2211086
CH322-104O16	CHORI-322	3L	12678478	12702772
CH322-104O17	CHORI-322	3R	18631412	18651048
CH322-104O18	CHORI-322	2L	13867792	13888147
CH322-104O20	CHORI-322	2R	15451670	15473148
CH322-104O21	CHORI-322	2L	885665	905188
CH322-104O22	CHORI-322	X	13026655	13048143
CH322-104O23	CHORI-322	2R	11252211	11274943
CH322-104P01	CHORI-322	3LHet	1266490	1286958
CH322-104P02	CHORI-322	3LHet	594993	616244
CH322-104P03	CHORI-322	3L	4622741	4645707
CH322-104P04	CHORI-322	3R	4932270	4954792
CH322-104P05	CHORI-322	3R	11247156	11268115
CH322-104P07	CHORI-322	3R	8851680	8872416
CH322-104P08	CHORI-322	2L	548924	571360
CH322-104P09	CHORI-322	2L	12768188	12788840
CH322-104P10	CHORI-322	X	4661031	4681113
CH322-104P12	CHORI-322	3L	20287492	20311445
CH322-104P13	CHORI-322	2L	2264633	2286269
CH322-104P14	CHORI-322	X	8949658	8970594
CH322-104P16	CHORI-322	2L	18742450	18762860
CH322-104P17	CHORI-322	3L	19143078	19162871
CH322-104P18	CHORI-322	3R	3679888	3699649
CH322-104P19	CHORI-322	3R	16344562	16365218
CH322-104P20	CHORI-322	2L	2552110	2575310
CH322-106E01	CHORI-322	2L	5396466	5420340
CH322-106F09	CHORI-322	3R	7027293	7050320
CH322-106G09	CHORI-322	2R	423575	443281
CH322-106G17	CHORI-322	2L	19737164	19757812
CH322-106G18	CHORI-322	3R	23524889	23548302
CH322-106H17	CHORI-322	2R	14121279	14141922
CH322-106H18	CHORI-322	2R	2146069	2166957
CH322-106I20	CHORI-322	2L	20233191	20256748
CH322-106J24	CHORI-322	3L	10605176	10628047

CH322-106L17	CHORI-322	X	6012728	6036438
CH322-107L02	CHORI-322	2L	18940602	18964189
CH322-108N03	CHORI-322	3R	8000193	8024182
CH322-10A02	CHORI-322	3R	23466965	23490424
CH322-10A04	CHORI-322	3L	14047880	14070071
CH322-10A05	CHORI-322	X	20464384	20482693
CH322-10A15	CHORI-322	3L	3335555	3359170
CH322-10A20	CHORI-322	X	14440756	14460975
CH322-10A22	CHORI-322	3R	1645320	1667573
CH322-10A24	CHORI-322	3R	22830441	22853685
CH322-10B07	CHORI-322	3R	4979603	4999372
CH322-10B08	CHORI-322	3R	3128848	3148602
CH322-10B09	CHORI-322	2R	12888413	12911314
CH322-10B11	CHORI-322	2R	19662743	19683832
CH322-10B13	CHORI-322	2R	19150549	19171995
CH322-10B15	CHORI-322	3R	11956055	11975970
CH322-10B18	CHORI-322	X	15254042	15275075
CH322-10B21	CHORI-322	2L	6076515	6100972
CH322-10B23	CHORI-322	3R	4080976	4104515
CH322-10B24	CHORI-322	3L	6978247	6996262
CH322-10C03	CHORI-322	2L	11959741	11979950
CH322-10C04	CHORI-322	2R	12973784	12997732
CH322-10C05	CHORI-322	X	5516294	5539018
CH322-10C06	CHORI-322	X	51401 72799	
CH322-10C09	CHORI-322	3R	10671511	10694464
CH322-10C11	CHORI-322	2L	10485279	10507313
CH322-10C13	CHORI-322	2R	826340	846878
CH322-10C16	CHORI-322	2R	13995563	14016800
CH322-10C17	CHORI-322	2R	3358333	3381061
CH322-10C18	CHORI-322	X	9284496	9303959
CH322-10C22	CHORI-322	3L	14159808	14179814
CH322-10D01	CHORI-322	3L	5895015	5917903
CH322-10D04	CHORI-322	3L	22170429	22192499
CH322-10D05	CHORI-322	3R	25402552	25422585
CH322-10D06	CHORI-322	2R	10068845	10091896
CH322-10D07	CHORI-322	2R	14696586	14719147
CH322-10D10	CHORI-322	3R	2741517	2765980
CH322-10D11	CHORI-322	X	20346685	20369314
CH322-10D12	CHORI-322	3R	22734138	22755880
CH322-10D14	CHORI-322	3R	27482901	27505028
CH322-10D15	CHORI-322	3R	10265854	10286430
CH322-10D16	CHORI-322	2R	4151300	4174575
CH322-10D17	CHORI-322	3L	3129120	3151137
CH322-10D20	CHORI-322	3L	18087846	18108486
CH322-10D21	CHORI-322	2R	4894899	4918026
CH322-10D22	CHORI-322	2L	755933	775931
CH322-10E04	CHORI-322	3R	3323908	3346441
CH322-10E05	CHORI-322	3R	4827889	4852400
CH322-10E06	CHORI-322	3R	11489427	11510925
CH322-10E09	CHORI-322	3L	16059396	16079576
CH322-10E10	CHORI-322	X	16768639	16788762
CH322-10E11	CHORI-322	3L	19876289	19897518
CH322-10E12	CHORI-322	3L	20968656	20990173
CH322-10E13	CHORI-322	2L	12001750	12023624

CH322-10E14	CHORI-322	X	16608837	16632272
CH322-10E15	CHORI-322	2L	17452669	17474026
CH322-10E16	CHORI-322	3R	23660285	23681693
CH322-10E17	CHORI-322	2RHet	52668	72182
CH322-10E18	CHORI-322	3R	5157228	5180260
CH322-10E20	CHORI-322	3R	20939752	20960407
CH322-10E21	CHORI-322	2R	6604674	6627101
CH322-10E23	CHORI-322	3R	570708	592713
CH322-10F10	CHORI-322	X	20023337	20045282
CH322-10F12	CHORI-322	3L	16038918	16061510
CH322-10F13	CHORI-322	3R	18019053	18038427
CH322-10F23	CHORI-322	2R	7169845	7189947
CH322-10G02	CHORI-322	2R	8533384	8553375
CH322-10G03	CHORI-322	3L	21831022	21853930
CH322-10G07	CHORI-322	2L	13238658	13259655
CH322-10G09	CHORI-322	2R	10326055	10348887
CH322-10G10	CHORI-322	2R	15898962	15920309
CH322-10G11	CHORI-322	3R	27566446	27587428
CH322-10G12	CHORI-322	2L	21793960	21814569
CH322-10G16	CHORI-322	3L	19274228	19295539
CH322-10G17	CHORI-322	2R	10486680	10507863
CH322-10G18	CHORI-322	3L	17881469	17905223
CH322-10G19	CHORI-322	3R	15849955	15873218
CH322-10G20	CHORI-322	3R	2446892	2467616
CH322-10G22	CHORI-322	3L	20811194	20829418
CH322-10G23	CHORI-322	3L	20173495	20193821
CH322-10H01	CHORI-322	2L	86214	107859
CH322-10H05	CHORI-322	3L	10433161	10453524
CH322-10H10	CHORI-322	2R	20815890	20842037
CH322-10H13	CHORI-322	2R	10494184	10518182
CH322-10H16	CHORI-322	3L	24205138	24226728
CH322-10H17	CHORI-322	2L	10249116	10268867
CH322-10H20	CHORI-322	3L	21020442	21044113
CH322-10I02	CHORI-322	2L	14933604	14956429
CH322-10I03	CHORI-322	3R	13989698	14006836
CH322-10I09	CHORI-322	3R	10410046	10432333
CH322-10I10	CHORI-322	3R	135376	156254
CH322-10I11	CHORI-322	3R	11137760	11158362
CH322-10I14	CHORI-322	X	20563983	20584651
CH322-10I15	CHORI-322	2R	18728815	18749648
CH322-10I17	CHORI-322	2L	19299553	19319994
CH322-10I18	CHORI-322	X	22129136	22150497
CH322-10I19	CHORI-322	3R	14815988	14835832
CH322-10I20	CHORI-322	3L	14943885	14966811
CH322-10I21	CHORI-322	X	6878656	6901595
CH322-10I23	CHORI-322	2R	19173378	19194174
CH322-10I24	CHORI-322	2R	9322165	9345900
CH322-10J03	CHORI-322	2R	20337324	20361608
CH322-10J06	CHORI-322	X	7612930	7633046
CH322-10J11	CHORI-322	3L	16559411	16579727
CH322-10J15	CHORI-322	3R	14043225	14063357
CH322-10J16	CHORI-322	3R	17495009	17515393
CH322-10J21	CHORI-322	X	12475289	12497367
CH322-10J24	CHORI-322	3R	4137682	4159545

CH322-10K02	CHORI-322	3L	18286067	18307323
CH322-10K04	CHORI-322	2L	11183137	11203349
CH322-10K05	CHORI-322	3R	8851680	8872416
CH322-10K06	CHORI-322	3L	11987569	12008765
CH322-10K09	CHORI-322	4	400815	420937
CH322-10K11	CHORI-322	3R	1025213	1050051
CH322-10K12	CHORI-322	3R	6932588	6952829
CH322-10K13	CHORI-322	2L	12891952	12918078
CH322-10K14	CHORI-322	3R	43206	65923
CH322-10K15	CHORI-322	X	14168658	14191871
CH322-10K17	CHORI-322	3R	4553294	4576209
CH322-10K21	CHORI-322	3R	10844190	10865659
CH322-10K23	CHORI-322	2L	10394191	10416254
CH322-10L01	CHORI-322	3L	18340634	18361660
CH322-10L03	CHORI-322	2R	801542	822234
CH322-10L06	CHORI-322	3R	22553002	22575771
CH322-10L07	CHORI-322	3L	16007862	16029632
CH322-10L08	CHORI-322	2L	13596069	13616320
CH322-10L10	CHORI-322	2L	8754757	8775969
CH322-10L13	CHORI-322	3R	16774964	16796671
CH322-10L14	CHORI-322	2L	11054725	11074819
CH322-10L22	CHORI-322	3R	11138307	11159889
CH322-10L24	CHORI-322	2L	6310067	6333719
CH322-10M02	CHORI-322	3R	15178188	15199682
CH322-10M03	CHORI-322	3L	20649746	20671655
CH322-10M04	CHORI-322	2L	12659036	12679889
CH322-10M06	CHORI-322	2R	9446725	9468575
CH322-10M14	CHORI-322	X	3856450	3877313
CH322-10M17	CHORI-322	2L	13847628	13868375
CH322-10M18	CHORI-322	2L	20599098	20620902
CH322-10M19	CHORI-322	2L	21612832	21630873
CH322-10M20	CHORI-322	2L	5328186	5347044
CH322-10M21	CHORI-322	3L	19789441	19810836
CH322-10N03	CHORI-322	2L	5340970	5358922
CH322-10N05	CHORI-322	3R	2269181	2292501
CH322-10N06	CHORI-322	X	15259227	15278961
CH322-10N07	CHORI-322	2R	4464301	4487133
CH322-10N08	CHORI-322	2L	7791408	7815459
CH322-10N09	CHORI-322	2R	10838317	10860135
CH322-10N10	CHORI-322	2R	4469377	4489989
CH322-10N11	CHORI-322	2R	2838282	2862075
CH322-10N14	CHORI-322	2R	18125675	18148772
CH322-10N17	CHORI-322	4	884920	908274
CH322-10N18	CHORI-322	3R	16815617	16835765
CH322-10N19	CHORI-322	3L	7690345	7713309
CH322-10N20	CHORI-322	3R	3569389	3588789
CH322-10N21	CHORI-322	2R	8850049	8871832
CH322-10O01	CHORI-322	3R	2541767	2560939
CH322-10O02	CHORI-322	2L	13974417	13995708
CH322-10O04	CHORI-322	3L	18252275	18272806
CH322-10O06	CHORI-322	X	19169018	19192955
CH322-10O07	CHORI-322	3L	18912841	18936170
CH322-10O08	CHORI-322	2R	18011375	18031717
CH322-10O09	CHORI-322	2R	5566702	5589075

CH322-10O11	CHORI-322	3R	25676175	25701835
CH322-10O12	CHORI-322	2R	19023699	19043444
CH322-10O14	CHORI-322	3R	16513616	16535235
CH322-10O16	CHORI-322	3L	18893413	18912943
CH322-10O17	CHORI-322	2L	2185679	2210957
CH322-10O21	CHORI-322	2L	22585351	22608646
CH322-10O22	CHORI-322	X	11732985	11756649
CH322-10P02	CHORI-322	3L	17826714	17846561
CH322-10P03	CHORI-322	2L	2143485	2167208
CH322-10P05	CHORI-322	2L	7231902	7251800
CH322-10P06	CHORI-322	3L	4435075	4457154
CH322-10P08	CHORI-322	2R	20054922	20078009
CH322-10P13	CHORI-322	3R	4188908	4209454
CH322-10P14	CHORI-322	3R	7919209	7940259
CH322-10P15	CHORI-322	2L	16088135	16112472
CH322-10P17	CHORI-322	3R	16263421	16285227
CH322-10P19	CHORI-322	3R	14016107	14040883
CH322-110F02	CHORI-322	3L	1767917	1789438
CH322-110F12	CHORI-322	X	6350680	6369949
CH322-110J13	CHORI-322	3R	9826936	9848367
CH322-111N17	CHORI-322	3R	5551199	5570619
CH322-112K05	CHORI-322	X	21189348	21211284
CH322-112L05	CHORI-322	2R	3230240	3251131
CH322-113A01	CHORI-322	X	9083563	9104312
CH322-113A03	CHORI-322	3L	18843412	18863983
CH322-113A04	CHORI-322	3LHet	670259	693795
CH322-113A06	CHORI-322	3R	8133497	8156957
CH322-113A07	CHORI-322	2L	19255444	19274853
CH322-113A08	CHORI-322	3L	12272385	12294189
CH322-113A10	CHORI-322	X	6772607	6793618
CH322-113A11	CHORI-322	3L	3860328	3882722
CH322-113A12	CHORI-322	3L	7079624	7102281
CH322-113A13	CHORI-322	2L	22739447	22761549
CH322-113A14	CHORI-322	3L	24299752	24321529
CH322-113A16	CHORI-322	3R	15348246	15371348
CH322-113A17	CHORI-322	2R	4621306	4639034
CH322-113A18	CHORI-322	X	18940401	18963394
CH322-113A19	CHORI-322	2L	19371757	19392431
CH322-113A20	CHORI-322	3R	22785179	22809346
CH322-113A21	CHORI-322	3L	3512391	3533827
CH322-113A22	CHORI-322	X	14820867	14841073
CH322-113A24	CHORI-322	2RHet	700009	721139
CH322-113B01	CHORI-322	2L	1287355	1306639
CH322-113B02	CHORI-322	3L	6068095	6088235
CH322-113B04	CHORI-322	X	21852122	21874064
CH322-113B06	CHORI-322	2L	19510398	19531407
CH322-113B07	CHORI-322	3R	6584395	6606020
CH322-113B11	CHORI-322	3R	5936026	5958251
CH322-113B12	CHORI-322	2L	8255749	8276591
CH322-113B13	CHORI-322	3L	15481905	15503496
CH322-113B15	CHORI-322	3L	1913947	1934127
CH322-113B17	CHORI-322	2R	3562538	3582575
CH322-113B20	CHORI-322	2R	4511607	4532994
CH322-113B21	CHORI-322	2L	9265611	9287156

CH322-113B22	CHORI-322	2L	4172233	4195070
CH322-113B23	CHORI-322	3R	5501535	5523281
CH322-113B24	CHORI-322	2RHet	2798013	2820349
CH322-113C01	CHORI-322	X	1635235	1654815
CH322-113C02	CHORI-322	2L	11956172	11979624
CH322-113C03	CHORI-322	3RHet	1910399	1932982
CH322-113C05	CHORI-322	3R	4475126	4498975
CH322-113C08	CHORI-322	3R	22703332	22726772
CH322-113C09	CHORI-322	2R	19158401	19180570
CH322-113C10	CHORI-322	3R	2135881	2159269
CH322-113C11	CHORI-322	2L	22312879	22336655
CH322-113C12	CHORI-322	X	14876381	14898443
CH322-113C13	CHORI-322	3L	8641466	8660954
CH322-113C14	CHORI-322	2R	8649534	8670119
CH322-113C15	CHORI-322	X	716721	738358
CH322-113C17	CHORI-322	2R	4103045	4128492
CH322-113C19	CHORI-322	3R	5808049	5828757
CH322-113C20	CHORI-322	3R	25697560	25720322
CH322-113C21	CHORI-322	2L	14219086	14241236
CH322-113C23	CHORI-322	2L	22927694	22949112
CH322-113C24	CHORI-322	3L	11843898	11864480
CH322-113D01	CHORI-322	2L	18805744	18827623
CH322-113D03	CHORI-322	2RHet	1870617	1891816
CH322-113D05	CHORI-322	2L	13073591	13097190
CH322-113D06	CHORI-322	2L	8903579	8924809
CH322-113D08	CHORI-322	3R	6380040	6399890
CH322-113D09	CHORI-322	2L	2176943	2197608
CH322-113D10	CHORI-322	3L	20124401	20146213
CH322-113D11	CHORI-322	X	3308336	3328377
CH322-113D16	CHORI-322	3L	8228723	8249396
CH322-113D17	CHORI-322	X	19380068	19400665
CH322-113D19	CHORI-322	2L	8870652	8892226
CH322-113D20	CHORI-322	2R	6678587	6700550
CH322-113D21	CHORI-322	2L	14385837	14405956
CH322-113D22	CHORI-322	2RHet	2357980	2379511
CH322-113D24	CHORI-322	2R	5456073	5478045
CH322-113E01	CHORI-322	2L	15760227	15782219
CH322-113E03	CHORI-322	X	11288932	11312850
CH322-113E04	CHORI-322	3L	8116358	8137641
CH322-113E07	CHORI-322	3L	3233100	3253321
CH322-113E08	CHORI-322	X	8765946	8787379
CH322-113E09	CHORI-322	X	6402891	6423716
CH322-113E12	CHORI-322	2R	9459274	9480684
CH322-113E13	CHORI-322	3L	20282925	20304602
CH322-113E16	CHORI-322	3L	7116180	7137062
CH322-113E18	CHORI-322	2L	12028353	12050909
CH322-113E21	CHORI-322	3R	25794987	25818260
CH322-113E22	CHORI-322	2RHet	1579079	1600365
CH322-113E24	CHORI-322	2L	2340377	2361172
CH322-113F01	CHORI-322	2L	3636090	3658751
CH322-113F03	CHORI-322	3LHet	725639	742971
CH322-113F07	CHORI-322	X	9135866	9159510
CH322-113F12	CHORI-322	3R	15154869	15176129
CH322-113F13	CHORI-322	2L	9539898	9561558

CH322-113F14	CHORI-322	4	951632	971343
CH322-113F17	CHORI-322	3LHet	2272719	2292179
CH322-113F18	CHORI-322	2L	3663396	3685946
CH322-113F20	CHORI-322	2L	8007386	8027117
CH322-113F23	CHORI-322	2L	6854674	6878260
CH322-113F24	CHORI-322	2R	9701548	9721085
CH322-113G02	CHORI-322	3L	14940205	14962688
CH322-113G03	CHORI-322	3R	23023327	23048308
CH322-113G05	CHORI-322	2L	445033	468634
CH322-113G06	CHORI-322	3L	19988257	20009250
CH322-113G09	CHORI-322	3LHet	1070189	1093638
CH322-113G11	CHORI-322	2R	13311702	13334337
CH322-113G12	CHORI-322	2R	316098	338687
CH322-113G13	CHORI-322	2R	14626435	14648805
CH322-113G14	CHORI-322	3R	27817771	27839940
CH322-113G15	CHORI-322	2R	12808479	12828495
CH322-113G16	CHORI-322	2R	10518179	10540405
CH322-113G20	CHORI-322	3L	17006308	17028638
CH322-113G21	CHORI-322	3R	2867305	2886841
CH322-113G22	CHORI-322	3R	27418411	27441291
CH322-113G23	CHORI-322	2R	16758310	16780880
CH322-113H02	CHORI-322	3R	3810320	3832233
CH322-113H03	CHORI-322	X	19100367	19120578
CH322-113H04	CHORI-322	3L	10767274	10791446
CH322-113H05	CHORI-322	2R	1268468	1288136
CH322-113H07	CHORI-322	3R	17113009	17137137
CH322-113H09	CHORI-322	2L	21611708	21633159
CH322-113H11	CHORI-322	2L	20615203	20638495
CH322-113H12	CHORI-322	2R	2704932	2729149
CH322-113H15	CHORI-322	3R	11854751	11877968
CH322-113H18	CHORI-322	3R	24977970	24998808
CH322-113H19	CHORI-322	2R	3983212	4003966
CH322-113H20	CHORI-322	2L	9442631	9462701
CH322-113H21	CHORI-322	X	9627729	9650871
CH322-113H22	CHORI-322	3R	10695545	10715639
CH322-113H23	CHORI-322	2L	11054144	11073652
CH322-113I01	CHORI-322	2R	12865117	12886680
CH322-113I02	CHORI-322	3R	7195252	7217747
CH322-113I03	CHORI-322	2L	15007231	15027714
CH322-113I04	CHORI-322	2L	22693542	22715569
CH322-113I05	CHORI-322	3R	6430714	6452206
CH322-113I06	CHORI-322	3L	21632242	21655391
CH322-113I07	CHORI-322	3R	6698366	6720258
CH322-113I10	CHORI-322	2R	19975826	19997796
CH322-113I12	CHORI-322	2RHet	1285611	1308768
CH322-113I13	CHORI-322	3L	13931204	13950657
CH322-113I14	CHORI-322	3L	1736989	1760311
CH322-113I16	CHORI-322	2L	5339587	5360188
CH322-113I17	CHORI-322	2R	9090974	9108493
CH322-113I18	CHORI-322	3L	23491171	23511904
CH322-113I19	CHORI-322	3R	11883776	11905665
CH322-113I20	CHORI-322	3R	10264043	10285696
CH322-113I21	CHORI-322	2R	3147003	3168657
CH322-113I22	CHORI-322	2R	7167643	7187883

CH322-113J01	CHORI-322	2R	19426848	19449010
CH322-113J02	CHORI-322	2L	22556793	22579915
CH322-113J03	CHORI-322	2R	10846363	10867339
CH322-113J07	CHORI-322	2R	16716025	16735811
CH322-113J10	CHORI-322	2R	1231950	1251488
CH322-113J13	CHORI-322	3L	11031499	11052329
CH322-113J14	CHORI-322	2L	7793251	7817110
CH322-113J15	CHORI-322	3L	15481899	15505646
CH322-113J16	CHORI-322	X	17436536	17459079
CH322-113J17	CHORI-322	2R	216685	240779
CH322-113J20	CHORI-322	3L	6706814	6727249
CH322-113J21	CHORI-322	2L	19131545	19155216
CH322-113J22	CHORI-322	2L	15575829	15598812
CH322-113J23	CHORI-322	3RHet	1960065	1980666
CH322-113J24	CHORI-322	3R	18094910	18115248
CH322-113K01	CHORI-322	3R	18769448	18789562
CH322-113K04	CHORI-322	3L	15769746	15791839
CH322-113K05	CHORI-322	3L	5249828	5269611
CH322-113K06	CHORI-322	3R	6912782	6931725
CH322-113K07	CHORI-322	3L	12677418	12698218
CH322-113K08	CHORI-322	2L	20888953	20912641
CH322-113K10	CHORI-322	3L	4180607	4200309
CH322-113K14	CHORI-322	2L	15801725	15820725
CH322-113K16	CHORI-322	2L	11667651	11686302
CH322-113K18	CHORI-322	3L	8582257	8602076
CH322-113K19	CHORI-322	2R	13600079	13623440
CH322-113K20	CHORI-322	3R	7586252	7607658
CH322-113K21	CHORI-322	3L	17890409	17909510
CH322-113K22	CHORI-322	2R	10226801	10248047
CH322-113K23	CHORI-322	3L	22636607	22660616
CH322-113K24	CHORI-322	X	7431342	7449720
CH322-113L01	CHORI-322	3R	12291256	12317289
CH322-113L02	CHORI-322	2L	22599216	22623512
CH322-113L03	CHORI-322	2R	5092407	5116393
CH322-113L04	CHORI-322	3R	9012149	9035408
CH322-113L06	CHORI-322	3R	11171699	11194011
CH322-113L08	CHORI-322	X	17941119	17964957
CH322-113L09	CHORI-322	X	7245118	7267741
CH322-113L10	CHORI-322	2L	3796128	3819525
CH322-113L13	CHORI-322	2L	5899754	5923389
CH322-113L14	CHORI-322	X	18148276	18170370
CH322-113L15	CHORI-322	2L	3294827	3316438
CH322-113L16	CHORI-322	X	2253334	2274953
CH322-113L17	CHORI-322	2L	1986012	2007263
CH322-113L19	CHORI-322	2L	9349717	9369616
CH322-113L20	CHORI-322	3LHet	1060078	1084070
CH322-113L21	CHORI-322	3R	16883797	16904383
CH322-113L23	CHORI-322	3L	22957487	22980319
CH322-113L24	CHORI-322	2L	15243460	15264290
CH322-113M01	CHORI-322	2R	2228600	2248972
CH322-113M03	CHORI-322	2R	8156777	8176486
CH322-113M04	CHORI-322	2L	9961759	9984083
CH322-113M05	CHORI-322	3R	4005166	4024236
CH322-113M06	CHORI-322	2R	1193566	1215737

CH322-113M08	CHORI-322	3R	1437244	1457626
CH322-113M11	CHORI-322	2L	762444	787147
CH322-113M12	CHORI-322	2R	8883183	8905536
CH322-113M13	CHORI-322	2L	20640440	20664288
CH322-113M15	CHORI-322	2R	15527960	15551110
CH322-113M16	CHORI-322	2R	8497681	8517780
CH322-113M17	CHORI-322	X	8156729	8179415
CH322-113M18	CHORI-322	3L	20517259	20541704
CH322-113M19	CHORI-322	3L	13273569	13294598
CH322-113M20	CHORI-322	2RHet	2352808	2372744
CH322-113M21	CHORI-322	2R	10665076	10684797
CH322-113M22	CHORI-322	X	17333863	17354770
CH322-113M24	CHORI-322	2R	10744008	10764250
CH322-113N01	CHORI-322	2R	16037494	16061733
CH322-113N02	CHORI-322	3L	2694049	2716106
CH322-113N03	CHORI-322	2L	11177777	11198765
CH322-113N04	CHORI-322	3L	16165068	16185824
CH322-113N05	CHORI-322	3R	23186154	23207471
CH322-113N06	CHORI-322	2L	13100555	13122967
CH322-113N07	CHORI-322	X	20876552	20897912
CH322-113N08	CHORI-322	2L	1329363	1349932
CH322-113N09	CHORI-322	3R	16258542	16283256
CH322-113N10	CHORI-322	X	17698509	17718795
CH322-113N13	CHORI-322	3R	1015247	1039526
CH322-113N14	CHORI-322	2R	10806681	10828511
CH322-113N15	CHORI-322	2RHet	450411	472427
CH322-113N19	CHORI-322	2L	14268902	14288750
CH322-113N20	CHORI-322	3L	9572529	9595152
CH322-113N21	CHORI-322	X	17127441	17148934
CH322-113N22	CHORI-322	2R	16320116	16341135
CH322-113N24	CHORI-322	2RHet	704176	723988
CH322-113O01	CHORI-322	3R	14472097	14493027
CH322-113O03	CHORI-322	2L	6546133	6566055
CH322-113O04	CHORI-322	3R	7281580	7301631
CH322-113O05	CHORI-322	3L	4326694	4349802
CH322-113O06	CHORI-322	3L	12057007	12076841
CH322-113O07	CHORI-322	2L	2447963	2471456
CH322-113O08	CHORI-322	3R	19863328	19885683
CH322-113O10	CHORI-322	3L	13403966	13424846
CH322-113O12	CHORI-322	3R	24999478	25021439
CH322-113O13	CHORI-322	2R	6181574	6203501
CH322-113O17	CHORI-322	2L	16016020	16035625
CH322-113O19	CHORI-322	4	920304	943913
CH322-113O21	CHORI-322	3R	2943206	2964822
CH322-113O23	CHORI-322	3L	18108002	18129281
CH322-113P01	CHORI-322	3L	20172969	20195338
CH322-113P02	CHORI-322	X	9000280	9022932
CH322-113P05	CHORI-322	X	1249331	1269190
CH322-113P06	CHORI-322	3L	59904 80915	
CH322-113P07	CHORI-322	3R	3968576	3992412
CH322-113P08	CHORI-322	3L	19790721	19812996
CH322-113P09	CHORI-322	2R	20462529	20483701
CH322-113P10	CHORI-322	2R	14431585	14454211
CH322-113P11	CHORI-322	2R	15966574	15985906

CH322-113P12	CHORI-322	2R	18001854	18025172
CH322-113P13	CHORI-322	2R	4043683	4063755
CH322-113P14	CHORI-322	2L	1935273	1955839
CH322-113P15	CHORI-322	3R	4029612	4051310
CH322-113P18	CHORI-322	2R	18574844	18597532
CH322-113P19	CHORI-322	3L	22324887	22346247
CH322-113P20	CHORI-322	3R	24885837	24906683
CH322-113P22	CHORI-322	2L	19304160	19325325
CH322-113P23	CHORI-322	X	2107289	2129240
CH322-114A02	CHORI-322	2L	13848978	13867795
CH322-114A03	CHORI-322	X	12278045	12299642
CH322-114A05	CHORI-322	X	2646201	2670676
CH322-114A06	CHORI-322	3R	4545641	4568888
CH322-114A07	CHORI-322	2L	10489808	10509365
CH322-114A08	CHORI-322	2R	17203530	17227678
CH322-114A09	CHORI-322	3L	20749472	20772393
CH322-114A10	CHORI-322	3L	9770670	9794883
CH322-114A11	CHORI-322	3R	729177	751693
CH322-114A12	CHORI-322	3R	10372281	10393103
CH322-114A13	CHORI-322	2L	14755190	14777701
CH322-114A15	CHORI-322	3R	4927418	4948202
CH322-114A16	CHORI-322	2L	12640406	12662983
CH322-114A17	CHORI-322	X	465822	492272
CH322-114A19	CHORI-322	2R	20024144	20044699
CH322-114A20	CHORI-322	3R	16541282	16561137
CH322-114A22	CHORI-322	2L	16723699	16743995
CH322-114A23	CHORI-322	2L	7937871	7958152
CH322-114A24	CHORI-322	2L	3425985	3448543
CH322-114B01	CHORI-322	3R	5063204	5085040
CH322-114B02	CHORI-322	3R	11570434	11592214
CH322-114B03	CHORI-322	X	11114713	11134809
CH322-114B04	CHORI-322	3R	20620937	20645081
CH322-114B05	CHORI-322	3R	22034944	22056012
CH322-114B06	CHORI-322	2L	619747	641080
CH322-114B07	CHORI-322	2L	14907504	14930136
CH322-114B08	CHORI-322	2R	2876572	2896782
CH322-114B10	CHORI-322	3L	13417774	13439451
CH322-114B11	CHORI-322	2RHet	54534	74905
CH322-114B12	CHORI-322	2L	15391736	15415461
CH322-114B14	CHORI-322	3R	20182851	20204819
CH322-114B15	CHORI-322	3L	8738933	8762808
CH322-114B16	CHORI-322	ArmU	2200583	2215614
CH322-114B17	CHORI-322	3LHet	2457438	2480364
CH322-114B18	CHORI-322	3L	16491452	16510595
CH322-114B21	CHORI-322	X	5652982	5673190
CH322-114B24	CHORI-322	3R	26282629	26306097
CH322-114C01	CHORI-322	3R	26291564	26315964
CH322-114C02	CHORI-322	3R	6326321	6348764
CH322-114C03	CHORI-322	3R	13035661	13058546
CH322-114C05	CHORI-322	2L	10959606	10983007
CH322-114C06	CHORI-322	XHet	158176	179880
CH322-114C08	CHORI-322	2R	17423796	17446129
CH322-114C11	CHORI-322	X	11435474	11456984
CH322-114C12	CHORI-322	3R	10688183	10709092

CH322-114C14	CHORI-322	3R	12524238	12544151
CH322-114C15	CHORI-322	X	1094778	1119679
CH322-114C18	CHORI-322	2R	20640311	20662247
CH322-114C19	CHORI-322	2L	20068353	20093357
CH322-114C20	CHORI-322	2L	16852175	16876663
CH322-114C23	CHORI-322	3RHet	1399449	1423591
CH322-114C24	CHORI-322	2L	9676142	9699432
CH322-114D02	CHORI-322	3L	1591226	1616660
CH322-114D03	CHORI-322	2R	8328840	8348196
CH322-114D04	CHORI-322	3L	1173973	1198027
CH322-114D05	CHORI-322	2L	20426406	20447330
CH322-114D09	CHORI-322	3R	7158994	7180361
CH322-114D10	CHORI-322	X	14815890	14839899
CH322-114D12	CHORI-322	2L	15628774	15648895
CH322-114D13	CHORI-322	3LHet	242289	263825
CH322-114D14	CHORI-322	2R	9223752	9247979
CH322-114D15	CHORI-322	2L	2547774	2567689
CH322-114D17	CHORI-322	3R	5533462	5558648
CH322-114D18	CHORI-322	3R	8180413	8202900
CH322-114D20	CHORI-322	2L	15098953	15122979
CH322-114D22	CHORI-322	2L	8418913	8441980
CH322-114D23	CHORI-322	3R	10106708	10126791
CH322-114E01	CHORI-322	X	13147320	13168166
CH322-114E02	CHORI-322	3L	18494382	18515750
CH322-114E03	CHORI-322	3L	11869412	11891344
CH322-114E04	CHORI-322	2R	16382991	16407003
CH322-114E05	CHORI-322	X	7907284	7928008
CH322-114E07	CHORI-322	2L	6375173	6399808
CH322-114E08	CHORI-322	2R	20485773	20510412
CH322-114E10	CHORI-322	3R	4300836	4325812
CH322-114E12	CHORI-322	2L	2213458	2234808
CH322-114E13	CHORI-322	3R	7901741	7923824
CH322-114E15	CHORI-322	3L	3256154	3277499
CH322-114E16	CHORI-322	2L	4522161	4548603
CH322-114E17	CHORI-322	2R	18745018	18767776
CH322-114E18	CHORI-322	2R	1166303	1186618
CH322-114E19	CHORI-322	2RHet	709451	730648
CH322-114E20	CHORI-322	3R	19538113	19560893
CH322-114E21	CHORI-322	X	8673598	8693834
CH322-114E22	CHORI-322	2L	7329117	7349467
CH322-114E23	CHORI-322	3R	16781271	16801397
CH322-114E24	CHORI-322	2L	11945877	11966450
CH322-114F02	CHORI-322	X	7431308	7453453
CH322-114F03	CHORI-322	2L	18469007	18488923
CH322-114F06	CHORI-322	3L	15186938	15206546
CH322-114F07	CHORI-322	X	15221102	15240960
CH322-114F09	CHORI-322	X	21641515	21661730
CH322-114F10	CHORI-322	2R	8799371	8818353
CH322-114F13	CHORI-322	3L	15480890	15499341
CH322-114F14	CHORI-322	2R	4927935	4952524
CH322-114F17	CHORI-322	2R	15213389	15235847
CH322-114F18	CHORI-322	3R	25748731	25770618
CH322-114F19	CHORI-322	3R	24240589	24261021
CH322-114F20	CHORI-322	X	16736651	16760114

CH322-114F21	CHORI-322	2L	4344982	4366374
CH322-114F22	CHORI-322	2L	5209041	5230003
CH322-114F23	CHORI-322	X	6437152	6459992
CH322-114F24	CHORI-322	3R	4608770	4632846
CH322-114G01	CHORI-322	3R	3133252	3157469
CH322-114G02	CHORI-322	X	1560894	1585340
CH322-114G06	CHORI-322	X	5957311	5980926
CH322-114G13	CHORI-322	3R	15420529	15439622
CH322-114G15	CHORI-322	X	14142659	14167860
CH322-114G17	CHORI-322	3L	22154623	22177474
CH322-114G18	CHORI-322	2L	5073822	5095799
CH322-114G19	CHORI-322	2L	6466207	6488778
CH322-114G20	CHORI-322	2R	4899684	4919994
CH322-114G22	CHORI-322	3R	22410545	22430879
CH322-114G23	CHORI-322	2RHet	475680	497387
CH322-114G24	CHORI-322	3L	1999613	2021078
CH322-114H01	CHORI-322	ArmU	2334524	2349926
CH322-114H03	CHORI-322	X	10225056	10247139
CH322-114H04	CHORI-322	X	18173619	18192665
CH322-114H05	CHORI-322	2R	80221	103741
CH322-114H11	CHORI-322	2R	1884510	1904503
CH322-114H12	CHORI-322	2L	11909976	11929190
CH322-114H13	CHORI-322	2RHet	2899943	2917774
CH322-114H14	CHORI-322	X	17032780	17054580
CH322-114H15	CHORI-322	3R	2073112	2097497
CH322-114H16	CHORI-322	2RHet	2612122	2633090
CH322-114H17	CHORI-322	3L	10997925	11020321
CH322-114H18	CHORI-322	X	16178917	16201843
CH322-114H22	CHORI-322	2R	19465369	19489827
CH322-114H23	CHORI-322	X	22321578	22343180
CH322-114H24	CHORI-322	2RHet	842872	865971
CH322-114I01	CHORI-322	3L	8048683	8069714
CH322-114I02	CHORI-322	3R	19358780	19381369
CH322-114I06	CHORI-322	3L	7412606	7433582
CH322-114I08	CHORI-322	3L	20967064	20990043
CH322-114I11	CHORI-322	2R	13283837	13305993
CH322-114I12	CHORI-322	X	5424493	5444085
CH322-114I14	CHORI-322	3L	20801738	20823361
CH322-114I15	CHORI-322	3L	668794	694325
CH322-114I17	CHORI-322	X	9842230	9863102
CH322-114I19	CHORI-322	2R	17927657	17950153
CH322-114I20	CHORI-322	3R	20102988	20124283
CH322-114I21	CHORI-322	X	11285741	11310523
CH322-114I22	CHORI-322	3R	1887453	1909000
CH322-114I23	CHORI-322	X	1836300	1859985
CH322-114I24	CHORI-322	X	5761000	5783017
CH322-114J01	CHORI-322	3R	1187225	1208506
CH322-114J02	CHORI-322	3R	5227472	5249253
CH322-114J03	CHORI-322	2R	13943927	13965846
CH322-114J06	CHORI-322	X	19208937	19231885
CH322-114J09	CHORI-322	2L	20443472	20463650
CH322-114J10	CHORI-322	3L	3016928	3036475
CH322-114J11	CHORI-322	2R	12180482	12205748
CH322-114J12	CHORI-322	2R	9978887	10002742

CH322-114J13	CHORI-322	3R	10109522	10128691
CH322-114J14	CHORI-322	X	13168163	13190365
CH322-114J15	CHORI-322	3L	6946786	6966482
CH322-114J16	CHORI-322	2R	19897788	19920122
CH322-114J18	CHORI-322	3R	22949582	22973438
CH322-114J19	CHORI-322	2L	12423661	12446880
CH322-114J20	CHORI-322	2L	786810	807128
CH322-114J21	CHORI-322	3R	27363127	27387090
CH322-114J22	CHORI-322	3R	4872347	4894069
CH322-114J23	CHORI-322	4	1248867	1268980
CH322-114K02	CHORI-322	2R	18796691	18817292
CH322-114K04	CHORI-322	2R	8478327	8498224
CH322-114K06	CHORI-322	3L	18483380	18504283
CH322-114K09	CHORI-322	X	16517935	16538409
CH322-114K10	CHORI-322	3R	6451525	6473061
CH322-114K11	CHORI-322	4	720448	743666
CH322-114K13	CHORI-322	3L	22947018	22966827
CH322-114K14	CHORI-322	X	16712696	16733018
CH322-114K18	CHORI-322	3L	23517712	23539041
CH322-114K19	CHORI-322	3L	18872441	18894330
CH322-114K20	CHORI-322	2R	15702111	15725573
CH322-114K21	CHORI-322	2L	8041051	8062956
CH322-114K22	CHORI-322	3RHet	1938202	1956939
CH322-114K23	CHORI-322	3R	10027005	10048696
CH322-114K24	CHORI-322	3LHet	531908	554259
CH322-114L01	CHORI-322	3L	4717486	4736267
CH322-114L02	CHORI-322	X	12095049	12116002
CH322-114L03	CHORI-322	2R	18049951	18072375
CH322-114L05	CHORI-322	X	11847992	11869792
CH322-114L06	CHORI-322	2R	18492042	18515357
CH322-114L09	CHORI-322	2L	19093457	19113355
CH322-114L10	CHORI-322	3R	17379137	17405012
CH322-114L11	CHORI-322	3R	27349833	27374200
CH322-114L12	CHORI-322	3L	13927000	13950067
CH322-114L13	CHORI-322	3R	14457615	14480017
CH322-114L14	CHORI-322	3R	8198938	8220253
CH322-114L15	CHORI-322	2L	10496830	10518692
CH322-114L20	CHORI-322	3L	3008974	3031659
CH322-114L22	CHORI-322	2R	12916410	12941100
CH322-114L23	CHORI-322	X	16013749	16035457
CH322-114M01	CHORI-322	3R	8262817	8285650
CH322-114M03	CHORI-322	3R	20524207	20546155
CH322-114M04	CHORI-322	3R	11861367	11884169
CH322-114M06	CHORI-322	2R	9285731	9311004
CH322-114M08	CHORI-322	3R	9108782	9129338
CH322-114M09	CHORI-322	3R	18403178	18426998
CH322-114M11	CHORI-322	3L	17882662	17901976
CH322-114M12	CHORI-322	3L	8238516	8260736
CH322-114M16	CHORI-322	3R	10486430	10509091
CH322-114M18	CHORI-322	3RHet	1700660	1721078
CH322-114M19	CHORI-322	X	4125001	4146498
CH322-114M20	CHORI-322	3L	14743905	14763875
CH322-114M21	CHORI-322	2L	5123042	5147105
CH322-114M22	CHORI-322	2L	15882312	15905137

CH322-114M23	CHORI-322	3L	16927408	16952171
CH322-114N01	CHORI-322	X	18246205	18267303
CH322-114N02	CHORI-322	3R	20677030	20699340
CH322-114N03	CHORI-322	2L	2396732	2419350
CH322-114N04	CHORI-322	3L	6415589	6434531
CH322-114N05	CHORI-322	2L	8226575	8248608
CH322-114N06	CHORI-322	2R	4217495	4240724
CH322-114N07	CHORI-322	3L	20442960	20466568
CH322-114N08	CHORI-322	3L	9938033	9957587
CH322-114N09	CHORI-322	3R	19858499	19881843
CH322-114N13	CHORI-322	2R	4715002	4736990
CH322-114N15	CHORI-322	3R	8736862	8756097
CH322-114N17	CHORI-322	3L	17621862	17643459
CH322-114N19	CHORI-322	2RHet	3188692	3208207
CH322-114N21	CHORI-322	2L	13642396	13664122
CH322-114N22	CHORI-322	3R	18105665	18128593
CH322-114N23	CHORI-322	2RHet	1268893	1289600
CH322-114N24	CHORI-322	3LHet	1638049	1661222
CH322-114O01	CHORI-322	3LHet	786681	806181
CH322-114O02	CHORI-322	2R	17376644	17396463
CH322-114O03	CHORI-322	3R	3612853	3632937
CH322-114O04	CHORI-322	2R	16861883	16881292
CH322-114O05	CHORI-322	3R	4802940	4823247
CH322-114O06	CHORI-322	2R	3931367	3954966
CH322-114O08	CHORI-322	X	11329232	11353686
CH322-114O10	CHORI-322	3LHet	1287974	1308892
CH322-114O11	CHORI-322	2L	17335212	17358192
CH322-114O13	CHORI-322	3L	10425867	10446662
CH322-114O14	CHORI-322	3R	22459551	22481666
CH322-114O15	CHORI-322	X	7064750	7084454
CH322-114O16	CHORI-322	3R	18288369	18308140
CH322-114O18	CHORI-322	X	4337020	4356483
CH322-114O20	CHORI-322	2L	12020210	12042838
CH322-114O21	CHORI-322	2L	19499565	19521684
CH322-114O22	CHORI-322	3R	13369767	13393411
CH322-114P01	CHORI-322	3L	16314548	16339287
CH322-114P03	CHORI-322	3R	15200282	15223678
CH322-114P05	CHORI-322	3R	10144881	10164282
CH322-114P06	CHORI-322	3L	21895920	21917036
CH322-114P08	CHORI-322	X	17557604	17577994
CH322-114P10	CHORI-322	3R	18799246	18819518
CH322-114P11	CHORI-322	3L	23077788	23102405
CH322-114P12	CHORI-322	3R	2862482	2885709
CH322-114P13	CHORI-322	2L	16068263	16087441
CH322-114P14	CHORI-322	3L	22075821	22098194
CH322-114P18	CHORI-322	3R	11227060	11250854
CH322-114P19	CHORI-322	2L	10033675	10058764
CH322-114P21	CHORI-322	2L	2112548	2136125
CH322-114P22	CHORI-322	2L	14082699	14103241
CH322-114P24	CHORI-322	X	22008774	22029276
CH322-115A01	CHORI-322	3R	26456759	26472892
CH322-115A04	CHORI-322	2R	6313662	6335626
CH322-115A05	CHORI-322	X	10929469	10950258
CH322-115A06	CHORI-322	2R	6580865	6604458

CH322-115A09	CHORI-322	2R	10090026	10113182
CH322-115A10	CHORI-322	3L	24378744	24399093
CH322-115A13	CHORI-322	3R	2219172	2239661
CH322-115A14	CHORI-322	3L	19115975	19139820
CH322-115A18	CHORI-322	3L	15876427	15897361
CH322-115A23	CHORI-322	2L	14605862	14627302
CH322-115B01	CHORI-322	3R	5242042	5262364
CH322-115B02	CHORI-322	3L	3090508	3113619
CH322-115B03	CHORI-322	3R	11770318	11792215
CH322-115B04	CHORI-322	2LHet	268421	291779
CH322-115B05	CHORI-322	2R	12969475	12989084
CH322-115B07	CHORI-322	X	5768974	5792490
CH322-115B08	CHORI-322	3L	6729484	6752708
CH322-115B09	CHORI-322	2R	10203596	10226740
CH322-115B10	CHORI-322	X	4194856	4214795
CH322-115B13	CHORI-322	3L	12730230	12752338
CH322-115B14	CHORI-322	3R	7835714	7856916
CH322-115B15	CHORI-322	3L	16990282	17015135
CH322-115B16	CHORI-322	3L	9611116	9634355
CH322-115B18	CHORI-322	2R	3016976	3036914
CH322-115B19	CHORI-322	2R	20773081	20796086
CH322-115B21	CHORI-322	X	20553385	20572816
CH322-115C01	CHORI-322	3L	12525449	12548588
CH322-115C02	CHORI-322	X	10813736	10835267
CH322-115C03	CHORI-322	3R	25356106	25377218
CH322-115C04	CHORI-322	3L	11506782	11530007
CH322-115C06	CHORI-322	2L	11469378	11491970
CH322-115C08	CHORI-322	3R	10597536	10616918
CH322-115C10	CHORI-322	3R	26581324	26603713
CH322-115C11	CHORI-322	2R	2538265	2562653
CH322-115C12	CHORI-322	2L	9721978	9744297
CH322-115C14	CHORI-322	2R	18744909	18767458
CH322-115C15	CHORI-322	3R	20265472	20286733
CH322-115C17	CHORI-322	2L	1825756	1848137
CH322-115C19	CHORI-322	3LHet	1615462	1638999
CH322-115C20	CHORI-322	3R	20811576	20832226
CH322-115C21	CHORI-322	X	17545244	17570093
CH322-115C22	CHORI-322	X	12046560	12069300
CH322-115C24	CHORI-322	2R	8384187	8404295
CH322-115D01	CHORI-322	2L	350293	369341
CH322-115D02	CHORI-322	X	11010673	11034375
CH322-115D03	CHORI-322	3R	18868310	18892181
CH322-115D04	CHORI-322	3R	24142183	24163213
CH322-115D07	CHORI-322	2L	11411208	11434076
CH322-115D08	CHORI-322	3R	17338263	17359558
CH322-115D09	CHORI-322	3R	15177624	15199770
CH322-115D10	CHORI-322	3R	994252	1015250
CH322-115D11	CHORI-322	2R	12249247	12272279
CH322-115D12	CHORI-322	X	10113352	10135168
CH322-115D13	CHORI-322	3L	2987198	3009596
CH322-115D14	CHORI-322	3R	3807502	3826917
CH322-115D15	CHORI-322	2L	7353484	7375507
CH322-115D16	CHORI-322	X	7214783	7234592
CH322-115D17	CHORI-322	3L	24491921	24512077

CH322-115D19	CHORI-322	2L	18428415	18450689
CH322-115D20	CHORI-322	2R	601600	622043
CH322-115D21	CHORI-322	3L	5249422	5269274
CH322-115D22	CHORI-322	3R	12485429	12504699
CH322-115D23	CHORI-322	3R	7901432	7925127
CH322-115D24	CHORI-322	3R	26101852	26123024
CH322-115E01	CHORI-322	2R	12169992	12192083
CH322-115E02	CHORI-322	3R	5994688	6017156
CH322-115E03	CHORI-322	3L	12966271	12988466
CH322-115E04	CHORI-322	3R	4385479	4407395
CH322-115E06	CHORI-322	3L	3588798	3609656
CH322-115E07	CHORI-322	2L	13202548	13226561
CH322-115E08	CHORI-322	3L	12128614	12151191
CH322-115E09	CHORI-322	X	11890225	11910663
CH322-115E10	CHORI-322	2L	6303051	6323306
CH322-115E11	CHORI-322	2L	7568350	7589239
CH322-115E13	CHORI-322	3L	8678792	8700663
CH322-115E14	CHORI-322	3L	8346912	8368042
CH322-115E16	CHORI-322	3L	22911632	22933540
CH322-115E17	CHORI-322	2L	2265829	2285203
CH322-115E18	CHORI-322	2L	22808221	22832839
CH322-115E19	CHORI-322	X	11956504	11977390
CH322-115E20	CHORI-322	3L	20680811	20702800
CH322-115E22	CHORI-322	3L	7595965	7619787
CH322-115E23	CHORI-322	2R	3820340	3841533
CH322-115E24	CHORI-322	4	628456	649686
CH322-115F01	CHORI-322	2RHet	1472302	1493414
CH322-115F03	CHORI-322	2L	11105493	11131485
CH322-115F04	CHORI-322	3L	23439253	23462732
CH322-115F05	CHORI-322	2R	6730039	6750502
CH322-115F06	CHORI-322	2R	18744529	18767691
CH322-115F08	CHORI-322	3R	27607861	27629838
CH322-115F11	CHORI-322	3L	1731666	1753944
CH322-115F12	CHORI-322	X	17635199	17654201
CH322-115F14	CHORI-322	2R	454352	474413
CH322-115F15	CHORI-322	2R	2143005	2164288
CH322-115F17	CHORI-322	2L	10515922	10535532
CH322-115F21	CHORI-322	3L	24062566	24082736
CH322-115F23	CHORI-322	3L	16935754	16955666
CH322-115G01	CHORI-322	3R	19125810	19149392
CH322-115G02	CHORI-322	3R	19125810	19149392
CH322-115G03	CHORI-322	3R	15723357	15745335
CH322-115G04	CHORI-322	2L	21671673	21689099
CH322-115G06	CHORI-322	3R	16422635	16444189
CH322-115G09	CHORI-322	2RHet	1635847	1659027
CH322-115G10	CHORI-322	2L	394067	416304
CH322-115G11	CHORI-322	3R	9380544	9401917
CH322-115G12	CHORI-322	3R	21564995	21585090
CH322-115G14	CHORI-322	3L	13967330	13990729
CH322-115G15	CHORI-322	2L	13710614	13732337
CH322-115G16	CHORI-322	2L	3346312	3368067
CH322-115G17	CHORI-322	2R	8253932	8277443
CH322-115G18	CHORI-322	3R	5246843	5266533
CH322-115G19	CHORI-322	3L	3982915	4009476

CH322-115G20	CHORI-322	X	20155555	20170757
CH322-115G21	CHORI-322	X	3248061	3269852
CH322-115G22	CHORI-322	3R	20077953	20099932
CH322-115G23	CHORI-322	3R	27066726	27088075
CH322-115G24	CHORI-322	2L	6921	30350
CH322-115H01	CHORI-322	2R	12192979	12218227
CH322-115H03	CHORI-322	2L	2538622	2560545
CH322-115H04	CHORI-322	3R	9089359	9111784
CH322-115H05	CHORI-322	3R	10292686	10313025
CH322-115H07	CHORI-322	3R	16366810	16388170
CH322-115H08	CHORI-322	2R	11290588	11311886
CH322-115H11	CHORI-322	X	13007041	13027663
CH322-115H12	CHORI-322	2R	8777081	8798457
CH322-115H13	CHORI-322	2L	22639911	22662070
CH322-115H15	CHORI-322	3R	19405454	19429112
CH322-115H18	CHORI-322	X	15302293	15322748
CH322-115H19	CHORI-322	2L	21119901	21141362
CH322-115H20	CHORI-322	2R	13992694	14015220
CH322-115H21	CHORI-322	2L	16112301	16133762
CH322-115H22	CHORI-322	2R	20621112	20640636
CH322-115H23	CHORI-322	3R	2488924	2513439
CH322-115H24	CHORI-322	3L	3507605	3528423
CH322-115I01	CHORI-322	3L	16001419	16025365
CH322-115I03	CHORI-322	2R	13863429	13884303
CH322-115I04	CHORI-322	3L	20238197	20259120
CH322-115I05	CHORI-322	3R	2295169	2315935
CH322-115I11	CHORI-322	3R	27515939	27537620
CH322-115I13	CHORI-322	2R	4307605	4329237
CH322-115I15	CHORI-322	3L	10771933	10791435
CH322-115I16	CHORI-322	3L	17518855	17541395
CH322-115I17	CHORI-322	3R	5576303	5598832
CH322-115I18	CHORI-322	3LHet	2044455	2061722
CH322-115I19	CHORI-322	3R	10482354	10504714
CH322-115I21	CHORI-322	3L	16835712	16855268
CH322-115I22	CHORI-322	2R	5681015	5704042
CH322-115J01	CHORI-322	3R	18896709	18917984
CH322-115J03	CHORI-322	2L	19463715	19488247
CH322-115J04	CHORI-322	3R	20507870	20531911
CH322-115J05	CHORI-322	2R	15216537	15237118
CH322-115J07	CHORI-322	3L	10467147	10488809
CH322-115J09	CHORI-322	2R	18341601	18367522
CH322-115J10	CHORI-322	2R	15774866	15798131
CH322-115J12	CHORI-322	2R	19611414	19636271
CH322-115J13	CHORI-322	3L	2575493	2596669
CH322-115J14	CHORI-322	3R	7365689	7387507
CH322-115J16	CHORI-322	2R	13125031	13149166
CH322-115J17	CHORI-322	3R	13885420	13906227
CH322-115J18	CHORI-322	3L	18601455	18622331
CH322-115J19	CHORI-322	2L	9945266	9968270
CH322-115J21	CHORI-322	2L	20765625	20786898
CH322-115J22	CHORI-322	2L	7031938	7052197
CH322-115J23	CHORI-322	2LHet	147917	169741
CH322-115J24	CHORI-322	3R	12013758	12036499
CH322-115K01	CHORI-322	2L	22685724	22709461

CH322-115K02	CHORI-322	2R	6477514	6499565
CH322-115K03	CHORI-322	3L	12965266	12983267
CH322-115K04	CHORI-322	X	17448731	17472561
CH322-115K06	CHORI-322	2L	3498843	3519650
CH322-115K07	CHORI-322	2R	13402829	13423693
CH322-115K08	CHORI-322	3L	4386728	4408234
CH322-115K09	CHORI-322	4	1183488	1204388
CH322-115K10	CHORI-322	3R	27028996	27053940
CH322-115K11	CHORI-322	3R	20160146	20180663
CH322-115K14	CHORI-322	2L	22813888	22835395
CH322-115K15	CHORI-322	2R	17292215	17313480
CH322-115K16	CHORI-322	2L	14563097	14582420
CH322-115K18	CHORI-322	X	15741345	15762012
CH322-115K19	CHORI-322	3L	4604529	4627414
CH322-115K20	CHORI-322	X	12005258	12026626
CH322-115K21	CHORI-322	2L	15557842	15579711
CH322-115K22	CHORI-322	3LHet	385262	409120
CH322-115K23	CHORI-322	2L	16003408	16026844
CH322-115K24	CHORI-322	3R	2322416	2344564
CH322-115L01	CHORI-322	3R	6535677	6557443
CH322-115L02	CHORI-322	3R	16755486	16777008
CH322-115L04	CHORI-322	3R	23586500	23609134
CH322-115L05	CHORI-322	3R	12344040	12365777
CH322-115L06	CHORI-322	3R	4525523	4549524
CH322-115L07	CHORI-322	3L	691212	713749
CH322-115L08	CHORI-322	2R	17105199	17129206
CH322-115L09	CHORI-322	3R	21105204	21128685
CH322-115L10	CHORI-322	2RHet	2772491	2796581
CH322-115L11	CHORI-322	3R	20918493	20939297
CH322-115L13	CHORI-322	3L	9360027	9383932
CH322-115L15	CHORI-322	3L	6959176	6980094
CH322-115L17	CHORI-322	3L	2526507	2546170
CH322-115L18	CHORI-322	3R	26303536	26325851
CH322-115L19	CHORI-322	3RHet	1390811	1413229
CH322-115L21	CHORI-322	3L	21871014	21894530
CH322-115L22	CHORI-322	3R	1370864	1390425
CH322-115L23	CHORI-322	2R	18651451	18672010
CH322-115M02	CHORI-322	2L	2016646	2038554
CH322-115M03	CHORI-322	3RHet	2461178	2481992
CH322-115M04	CHORI-322	3L	14548707	14568905
CH322-115M06	CHORI-322	X	1294097	1318894
CH322-115M07	CHORI-322	2R	1509954	1532027
CH322-115M08	CHORI-322	2L	12683757	12705839
CH322-115M13	CHORI-322	3L	20755023	20777192
CH322-115M14	CHORI-322	3R	11395337	11415981
CH322-115M15	CHORI-322	3L	12068497	12089427
CH322-115M16	CHORI-322	2L	7485354	7505212
CH322-115M17	CHORI-322	3L	684385	707594
CH322-115M19	CHORI-322	3R	18609521	18630275
CH322-115M21	CHORI-322	3L	16428810	16448558
CH322-115M22	CHORI-322	2L	3047021	3070621
CH322-115M24	CHORI-322	X	5588975	5612724
CH322-115N01	CHORI-322	X	15821911	15842345
CH322-115N02	CHORI-322	3RHet	1209230	1236055

CH322-115N03	CHORI-322	2L	15335457	15356038
CH322-115N05	CHORI-322	3R	8226389	8251237
CH322-115N06	CHORI-322	3R	12649893	12671907
CH322-115N08	CHORI-322	X	13595854	13619970
CH322-115N09	CHORI-322	X	15849120	15870451
CH322-115N11	CHORI-322	2L	592292	613127
CH322-115N13	CHORI-322	3R	7573353	7594633
CH322-115N14	CHORI-322	3R	17642567	17662784
CH322-115N15	CHORI-322	3R	14246473	14267980
CH322-115N18	CHORI-322	3L	14489962	14513458
CH322-115N19	CHORI-322	2L	3522687	3542112
CH322-115N21	CHORI-322	2L	6397085	6419138
CH322-115N22	CHORI-322	2L	3311325	3331244
CH322-115N23	CHORI-322	3R	21821525	21842053
CH322-115N24	CHORI-322	2L	14268721	14287846
CH322-115O02	CHORI-322	3L	9459895	9480323
CH322-115O03	CHORI-322	3L	13878253	13901958
CH322-115O04	CHORI-322	3L	224244	247687
CH322-115O05	CHORI-322	2R	19464014	19487152
CH322-115O06	CHORI-322	2RHet	1653065	1672130
CH322-115O08	CHORI-322	3R	25593969	25616588
CH322-115O09	CHORI-322	2RHet	1418860	1442582
CH322-115O11	CHORI-322	3LHet	1573793	1597608
CH322-115O12	CHORI-322	3L	18206998	18227971
CH322-115O13	CHORI-322	3R	1581256	1602767
CH322-115O14	CHORI-322	2L	21862516	21881748
CH322-115O15	CHORI-322	2R	18680548	18700771
CH322-115O16	CHORI-322	3R	27081472	27104038
CH322-115O17	CHORI-322	3L	20973147	20994271
CH322-115O19	CHORI-322	2L	3471653	3494517
CH322-115O20	CHORI-322	2L	21630853	21652625
CH322-115O21	CHORI-322	X	5115252	5135336
CH322-115O22	CHORI-322	X	5515853	5537125
CH322-115P05	CHORI-322	2L	4122222	4145257
CH322-115P06	CHORI-322	3R	12834172	12857409
CH322-115P07	CHORI-322	2R	16690310	16711069
CH322-115P08	CHORI-322	3R	26926363	26949224
CH322-115P11	CHORI-322	3R	7174648	7196238
CH322-115P12	CHORI-322	3L	21959655	21983566
CH322-115P13	CHORI-322	2L	1361851	1382016
CH322-115P14	CHORI-322	2L	12891279	12913367
CH322-115P15	CHORI-322	2R	11131253	11156864
CH322-115P19	CHORI-322	3R	13927283	13948301
CH322-115P20	CHORI-322	2R	779700	799129
CH322-115P21	CHORI-322	3L	9040920	9064242
CH322-116A02	CHORI-322	3L	12389161	12412662
CH322-116A03	CHORI-322	2R	19260957	19285503
CH322-116A05	CHORI-322	2R	19456366	19479914
CH322-116A07	CHORI-322	3L	21602343	21625420
CH322-116A08	CHORI-322	4	1256755	1277959
CH322-116A09	CHORI-322	3R	12673147	12694545
CH322-116A10	CHORI-322	2R	9929259	9951952
CH322-116A11	CHORI-322	2R	18992957	19012235
CH322-116A12	CHORI-322	3R	17224157	17240737

CH322-116A13	CHORI-322	2L	7186710	7208279
CH322-116A14	CHORI-322	2L	12086730	12106357
CH322-116A15	CHORI-322	2R	8913837	8936577
CH322-116A16	CHORI-322	3LHet	1798738	1818956
CH322-116A17	CHORI-322	2R	15021521	15043412
CH322-116A19	CHORI-322	X	19197867	19220258
CH322-116A20	CHORI-322	2R	12468689	12489088
CH322-116A22	CHORI-322	3L	6202832	6225352
CH322-116A24	CHORI-322	3L	2633502	2653849
CH322-116B02	CHORI-322	3L	13389840	13413005
CH322-116B03	CHORI-322	2L	11924755	11943610
CH322-116B04	CHORI-322	2R	11986929	12008147
CH322-116B05	CHORI-322	3L	9026555	9051034
CH322-116B06	CHORI-322	2L	18841195	18860630
CH322-116B07	CHORI-322	2R	18911036	18932619
CH322-116B08	CHORI-322	2L	2774067	2795798
CH322-116B09	CHORI-322	3L	19809282	19831610
CH322-116B10	CHORI-322	2R	13662831	13685737
CH322-116B11	CHORI-322	2L	19064072	19084488
CH322-116B13	CHORI-322	2R	2654078	2675085
CH322-116B14	CHORI-322	2R	17169492	17190788
CH322-116B16	CHORI-322	2R	3664288	3689574
CH322-116B17	CHORI-322	2R	6597000	6619397
CH322-116B21	CHORI-322	2L	10747480	10768803
CH322-116B22	CHORI-322	X	17139901	17158838
CH322-116C01	CHORI-322	2R	11113897	11133664
CH322-116C02	CHORI-322	X	6464538	6486728
CH322-116C04	CHORI-322	2L	16828410	16849677
CH322-116C05	CHORI-322	3R	25223509	25245117
CH322-116C06	CHORI-322	3R	10027736	10048696
CH322-116C08	CHORI-322	3R	1430740	1453482
CH322-116C10	CHORI-322	2R	6000683	6021915
CH322-116C12	CHORI-322	3L	10021614	10041995
CH322-116C14	CHORI-322	3R	15587318	15613102
CH322-116C15	CHORI-322	3R	12074778	12099763
CH322-116C17	CHORI-322	2L	18275367	18299672
CH322-116C18	CHORI-322	X	12283510	12305483
CH322-116C19	CHORI-322	2L	4588056	4609782
CH322-116C20	CHORI-322	2L	1109531	1131596
CH322-116C21	CHORI-322	3L	21795944	21817171
CH322-116C22	CHORI-322	2L	8179954	8203571
CH322-116C24	CHORI-322	3L	18188150	18207217
CH322-116D05	CHORI-322	X	1962045	1985440
CH322-116D06	CHORI-322	X	11441467	11462514
CH322-116D09	CHORI-322	3L	3446035	3469075
CH322-116D10	CHORI-322	2RHet	1274766	1296416
CH322-116D11	CHORI-322	X	1223866	1250413
CH322-116D12	CHORI-322	3R	16918745	16941985
CH322-116D13	CHORI-322	3R	1119221	1137925
CH322-116D14	CHORI-322	3LHet	2519386	2540420
CH322-116D15	CHORI-322	2R	2883985	2904956
CH322-116D16	CHORI-322	2L	14535238	14558127
CH322-116D17	CHORI-322	3R	27010146	27030184
CH322-116D19	CHORI-322	3R	4733671	4756259

CH322-116D21	CHORI-322	X	19610409	19632398
CH322-116D22	CHORI-322	2L	9945403	9966073
CH322-116D23	CHORI-322	3L	7118871	7139363
CH322-116D24	CHORI-322	2L	11723965	11747047
CH322-116E01	CHORI-322	3R	11019894	11039886
CH322-116E04	CHORI-322	3R	12322699	12344043
CH322-116E07	CHORI-322	2R	1158152	1180335
CH322-116E08	CHORI-322	2L	16768797	16789656
CH322-116E09	CHORI-322	2R	12165905	12189947
CH322-116E11	CHORI-322	2R	12011288	12034912
CH322-116E12	CHORI-322	X	5936487	5960925
CH322-116E13	CHORI-322	3LHet	2024756	2044056
CH322-116E14	CHORI-322	2R	12644870	12669373
CH322-116E15	CHORI-322	2L	20256408	20277551
CH322-116E16	CHORI-322	3L	10371628	10392902
CH322-116E18	CHORI-322	2R	15326748	15347648
CH322-116E19	CHORI-322	3R	22423254	22447381
CH322-116E20	CHORI-322	3R	24688375	24709816
CH322-116E21	CHORI-322	3L	12878914	12900130
CH322-116E22	CHORI-322	3R	9491617	9512634
CH322-116E23	CHORI-322	2RHet	1672648	1695230
CH322-116E24	CHORI-322	3R	24332986	24357099
CH322-116F01	CHORI-322	3R	16472174	16495485
CH322-116F03	CHORI-322	3L	1624607	1645697
CH322-116F04	CHORI-322	2L	15325062	15344190
CH322-116F06	CHORI-322	3R	12453886	12476796
CH322-116F08	CHORI-322	3R	18322840	18344742
CH322-116F09	CHORI-322	X	16512460	16535491
CH322-116F10	CHORI-322	3L	23207646	23229390
CH322-116F11	CHORI-322	3R	18559427	18585353
CH322-116F12	CHORI-322	2L	20249876	20269433
CH322-116F14	CHORI-322	2L	214662	237767
CH322-116F15	CHORI-322	3L	20548844	20569794
CH322-116F17	CHORI-322	3L	4195056	4214871
CH322-116F18	CHORI-322	2R	13419365	13442579
CH322-116F19	CHORI-322	X	16317636	16340871
CH322-116F20	CHORI-322	2R	416209	438001
CH322-116F21	CHORI-322	3L	21657184	21677857
CH322-116F23	CHORI-322	2R	19847531	19870279
CH322-116G03	CHORI-322	3L	6299767	6322325
CH322-116G04	CHORI-322	2L	13476346	13498030
CH322-116G05	CHORI-322	3R	18315243	18340269
CH322-116G07	CHORI-322	X	9645034	9669934
CH322-116G09	CHORI-322	3L	3833481	3853205
CH322-116G10	CHORI-322	3R	7071631	7091525
CH322-116G11	CHORI-322	3R	21613856	21637156
CH322-116G13	CHORI-322	2L	15880185	15901570
CH322-116G14	CHORI-322	3R	1497706	1517929
CH322-116G15	CHORI-322	X	1743651	1764306
CH322-116G16	CHORI-322	2L	14437578	14461158
CH322-116G17	CHORI-322	2R	2816105	2836382
CH322-116G19	CHORI-322	3L	23875150	23897542
CH322-116G20	CHORI-322	X	11283660	11305024
CH322-116G22	CHORI-322	2R	4741625	4761957

CH322-116G23	CHORI-322	3R	17374338	17393670
CH322-116G24	CHORI-322	2R	15400764	15420039
CH322-116H01	CHORI-322	3R	6344924	6365425
CH322-116H02	CHORI-322	2L	4341638	4363233
CH322-116H04	CHORI-322	X	1790613	1811558
CH322-116H05	CHORI-322	2L	12889968	12913886
CH322-116H07	CHORI-322	2R	6610890	6632492
CH322-116H09	CHORI-322	2L	9382843	9406066
CH322-116H11	CHORI-322	X	5659169	5683541
CH322-116H12	CHORI-322	X	9191349	9212619
CH322-116H13	CHORI-322	X	2233465	2254125
CH322-116H14	CHORI-322	X	16212245	16233232
CH322-116H15	CHORI-322	2R	18792686	18815375
CH322-116H16	CHORI-322	X	17129490	17150012
CH322-116H18	CHORI-322	X	15538914	15560513
CH322-116H21	CHORI-322	3L	17354541	17380814
CH322-116I01	CHORI-322	3L	19964287	19988994
CH322-116I02	CHORI-322	3L	19698000	19720003
CH322-116I03	CHORI-322	3L	20739971	20760959
CH322-116I06	CHORI-322	2L	20745441	20768352
CH322-116I07	CHORI-322	3R	5435377	5458460
CH322-116I08	CHORI-322	2L	13306964	13330280
CH322-116I10	CHORI-322	2L	7802997	7822463
CH322-116I12	CHORI-322	3R	1088821	1108371
CH322-116I13	CHORI-322	2L	8930166	8953631
CH322-116I15	CHORI-322	X	17140977	17161328
CH322-116I16	CHORI-322	X	377054	398181
CH322-116I17	CHORI-322	3L	12080657	12099499
CH322-116I18	CHORI-322	3L	12889982	12912291
CH322-116I22	CHORI-322	3L	9359784	9380853
CH322-116I23	CHORI-322	2L	3466993	3485450
CH322-116I24	CHORI-322	3L	5782958	5807489
CH322-116J01	CHORI-322	3L	8986273	9011714
CH322-116J02	CHORI-322	2L	18744699	18768311
CH322-116J04	CHORI-322	2R	19738205	19760487
CH322-116J07	CHORI-322	2R	7403136	7425438
CH322-116J08	CHORI-322	3L	3979702	4003700
CH322-116J09	CHORI-322	2R	12177939	12201094
CH322-116J11	CHORI-322	3R	21428683	21448005
CH322-116J16	CHORI-322	X	15375917	15397698
CH322-116J17	CHORI-322	X	8329960	8352763
CH322-116J19	CHORI-322	2R	5155291	5175750
CH322-116J20	CHORI-322	2RHet	445788	468241
CH322-116J21	CHORI-322	2L	8283782	8304669
CH322-116J23	CHORI-322	3R	27640010	27660948
CH322-116J24	CHORI-322	2R	12798068	12820032
CH322-116K01	CHORI-322	3L	14613154	14633804
CH322-116K02	CHORI-322	3L	3333733	3358741
CH322-116K03	CHORI-322	3L	20076754	20099659
CH322-116K05	CHORI-322	3RHet	604494	628396
CH322-116K08	CHORI-322	2L	2491303	2510733
CH322-116K09	CHORI-322	2L	15003727	15028063
CH322-116K10	CHORI-322	2R	2467081	2488176
CH322-116K13	CHORI-322	2RHet	198502	218316

CH322-116K15	CHORI-322	3L	16869357	16892806
CH322-116K16	CHORI-322	2R	13792397	13811503
CH322-116K17	CHORI-322	3R	16409036	16432076
CH322-116K18	CHORI-322	2R	8201029	8224659
CH322-116K19	CHORI-322	3R	8482341	8507441
CH322-116K20	CHORI-322	3R	22965551	22986724
CH322-116K22	CHORI-322	2L	3030147	3054216
CH322-116K23	CHORI-322	2L	11879888	11903009
CH322-116K24	CHORI-322	2L	13371638	13396006
CH322-116L01	CHORI-322	3L	18872826	18894495
CH322-116L04	CHORI-322	2L	10189033	10210573
CH322-116L05	CHORI-322	3R	8186531	8207014
CH322-116L06	CHORI-322	2LHet	26332	50141
CH322-116L09	CHORI-322	3R	14821628	14842598
CH322-116L10	CHORI-322	2RHet	2141712	2164865
CH322-116L11	CHORI-322	2L	13454867	13479709
CH322-116L13	CHORI-322	2R	5707066	5728146
CH322-116L15	CHORI-322	3L	14467953	14490912
CH322-116L16	CHORI-322	3L	2696756	2718316
CH322-116L17	CHORI-322	2R	18115212	18138684
CH322-116L18	CHORI-322	2L	18876959	18897349
CH322-116L19	CHORI-322	3R	17699677	17723034
CH322-116L21	CHORI-322	2R	16916666	16940185
CH322-116L22	CHORI-322	2R	12206980	12230481
CH322-116L23	CHORI-322	X	22385609	22407410
CH322-116L24	CHORI-322	3L	6280926	6303010
CH322-116M01	CHORI-322	3R	21846441	21867237
CH322-116M03	CHORI-322	3L	9671966	9694068
CH322-116M04	CHORI-322	X	19874336	19895955
CH322-116M05	CHORI-322	2L	19117193	19139475
CH322-116M11	CHORI-322	3R	126708	146413
CH322-116M12	CHORI-322	4	1108016	1128644
CH322-116M14	CHORI-322	3L	15207979	15230709
CH322-116M17	CHORI-322	2L	13844488	13865441
CH322-116M18	CHORI-322	3L	16011140	16032219
CH322-116M19	CHORI-322	2R	6349355	6369184
CH322-116M20	CHORI-322	X	18351832	18377057
CH322-116M21	CHORI-322	3R	4731487	4754239
CH322-116M23	CHORI-322	X	16719953	16741775
CH322-116N02	CHORI-322	2L	1788127	1811023
CH322-116N05	CHORI-322	2R	1983119	2005977
CH322-116N07	CHORI-322	3R	1794831	1819054
CH322-116N08	CHORI-322	X	1194604	1217600
CH322-116N10	CHORI-322	2R	15073052	15095865
CH322-116N12	CHORI-322	X	2220072	2242970
CH322-116N14	CHORI-322	3L	12415344	12435397
CH322-116N17	CHORI-322	3R	4329783	4350525
CH322-116N18	CHORI-322	4	605835	626806
CH322-116N19	CHORI-322	2L	16809627	16830707
CH322-116N20	CHORI-322	3R	9732187	9754100
CH322-116N22	CHORI-322	3R	13926832	13945761
CH322-116N23	CHORI-322	X	22313005	22335338
CH322-116O03	CHORI-322	3L	15570545	15595702
CH322-116O09	CHORI-322	3R	8287226	8305792

CH322-116O11	CHORI-322	3L	11302051	11323451
CH322-116O13	CHORI-322	2L	21814844	21836986
CH322-116O15	CHORI-322	2L	11775918	11799184
CH322-116O16	CHORI-322	3R	12225940	12246094
CH322-116O17	CHORI-322	3R	11048591	11070438
CH322-116O18	CHORI-322	2L	3423605	3442550
CH322-116O19	CHORI-322	3R	8903749	8923522
CH322-116O20	CHORI-322	3R	4708129	4730632
CH322-116O22	CHORI-322	3L	588497	610040
CH322-116O24	CHORI-322	2L	19201473	19223190
CH322-116P03	CHORI-322	2L	22163339	22182449
CH322-116P04	CHORI-322	2R	4799378	4819607
CH322-116P05	CHORI-322	2R	6242091	6266284
CH322-116P06	CHORI-322	2R	6613658	6637065
CH322-116P07	CHORI-322	3LHet	326995	351491
CH322-116P08	CHORI-322	3L	21545218	21567105
CH322-116P09	CHORI-322	3L	14410882	14433670
CH322-116P10	CHORI-322	2L	6675103	6696280
CH322-116P11	CHORI-322	2R	20998485	21018548
CH322-116P12	CHORI-322	2R	4715002	4734465
CH322-116P13	CHORI-322	2L	17537799	17556501
CH322-116P14	CHORI-322	2L	21155760	21177359
CH322-116P16	CHORI-322	4	360472	381380
CH322-116P17	CHORI-322	2L	18453164	18472793
CH322-116P18	CHORI-322	3L	21149365	21173229
CH322-116P19	CHORI-322	3L	15221291	15242665
CH322-116P20	CHORI-322	2L	6907319	6930963
CH322-116P21	CHORI-322	2L	19449974	19470825
CH322-116P22	CHORI-322	3L	20388265	20411440
CH322-117A04	CHORI-322	3R	7747638	7770293
CH322-117B03	CHORI-322	2L	18512967	18533147
CH322-117B12	CHORI-322	3L	15061104	15084304
CH322-117B17	CHORI-322	3R	3157470	3179514
CH322-117C04	CHORI-322	X	8043387	8069017
CH322-117C06	CHORI-322	3R	23473559	23498035
CH322-117C09	CHORI-322	2R	19827248	19853091
CH322-117C10	CHORI-322	3LHet	2085480	2110383
CH322-117C13	CHORI-322	3L	5313670	5338019
CH322-117C14	CHORI-322	3R	11862147	11885077
CH322-117D07	CHORI-322	3R	1626961	1650776
CH322-117D10	CHORI-322	3R	24220785	24244520
CH322-117D11	CHORI-322	3L	22017519	22039762
CH322-117D14	CHORI-322	3R	26342561	26362376
CH322-117D16	CHORI-322	2L	320346	344314
CH322-117E01	CHORI-322	3L	8166116	8185759
CH322-117E02	CHORI-322	3R	15132059	15151700
CH322-117E03	CHORI-322	2L	265034	287629
CH322-117E04	CHORI-322	2L	7750603	7770276
CH322-117E05	CHORI-322	X	22064299	22084262
CH322-117E06	CHORI-322	3R	14438745	14461817
CH322-117E09	CHORI-322	3R	3308883	3328475
CH322-117E10	CHORI-322	3LHet	1362590	1382439
CH322-117E11	CHORI-322	X	19205884	19228218
CH322-117E12	CHORI-322	3L	21555007	21574498

CH322-117E15	CHORI-322	3L	6686470	6706361
CH322-117E16	CHORI-322	3R	25320284	25341006
CH322-117F04	CHORI-322	3R	19201351	19220473
CH322-117F06	CHORI-322	3R	10527902	10548982
CH322-117F07	CHORI-322	2R	19645343	19665768
CH322-117F08	CHORI-322	3R	14959609	14981110
CH322-117F09	CHORI-322	2R	1320423	1340209
CH322-117F10	CHORI-322	2R	10163249	10187396
CH322-117F12	CHORI-322	2L	855600	878424
CH322-117F14	CHORI-322	3R	25278571	25298087
CH322-117F16	CHORI-322	3R	15307123	15330674
CH322-117F17	CHORI-322	2R	9926687	9949354
CH322-117F18	CHORI-322	X	376702	399252
CH322-117G02	CHORI-322	2R	3185414	3209881
CH322-117G05	CHORI-322	X	2221561	2246623
CH322-117G06	CHORI-322	2R	9265609	9285710
CH322-117G07	CHORI-322	3R	8484746	8505406
CH322-117G08	CHORI-322	2L	21173558	21197870
CH322-117G09	CHORI-322	X	5273832	5294003
CH322-117G11	CHORI-322	3L	9823774	9846072
CH322-117G13	CHORI-322	3R	6681475	6706268
CH322-117G15	CHORI-322	2L	11075169	11095840
CH322-117G17	CHORI-322	2R	776032	797604
CH322-117G18	CHORI-322	3R	6545113	6565799
CH322-117H04	CHORI-322	X	2004556	2025400
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CH322-117H07	CHORI-322	2L	11647652	11667878
CH322-117H08	CHORI-322	3L	24272969	24294465
CH322-117H09	CHORI-322	3R	18224518	18245743
CH322-117H10	CHORI-322	3R	6731882	6754916
CH322-117H11	CHORI-322	3R	12293157	12315390
CH322-117H12	CHORI-322	X	14244606	14263895
CH322-117H13	CHORI-322	3L	13808492	13827318
CH322-117H14	CHORI-322	3R	8735173	8757124
CH322-117H17	CHORI-322	X	3769915	3790655
CH322-117H18	CHORI-322	3L	3393652	3414468
CH322-117I02	CHORI-322	3L	3787937	3808076
CH322-117I03	CHORI-322	3L	16432484	16452823
CH322-117I05	CHORI-322	2L	14068905	14088904
CH322-117I09	CHORI-322	3L	15348097	15369869
CH322-117I11	CHORI-322	3R	14020970	14042674
CH322-117I13	CHORI-322	2L	15242179	15262458
CH322-117I14	CHORI-322	3L	18842838	18864608
CH322-117I15	CHORI-322	2L	1866992	1890542
CH322-117I16	CHORI-322	X	18312124	18333896
CH322-117I17	CHORI-322	2L	21124329	21144332
CH322-117I18	CHORI-322	3RHet	3024	25393
CH322-117J04	CHORI-322	2R	13820359	13843399
CH322-117J05	CHORI-322	3L	18912333	18932087
CH322-117J07	CHORI-322	3L	12792755	12815889
CH322-117J09	CHORI-322	3L	1540302	1563948
CH322-117J10	CHORI-322	2L	22695238	22716655
CH322-117J12	CHORI-322	3R	23739507	23760025
CH322-117J14	CHORI-322	2L	10648745	10669564

CH322-117J15	CHORI-322	2L	12689600	12714052
CH322-117J16	CHORI-322	2L	1061362	1081795
CH322-117K03	CHORI-322	ArmU	593664	615350
CH322-117K05	CHORI-322	2R	4678789	4697291
CH322-117K06	CHORI-322	2L	3860598	3881032
CH322-117K08	CHORI-322	3L	1416966	1437432
CH322-117K09	CHORI-322	2R	7062204	7085654
CH322-117K11	CHORI-322	4	521998	542230
CH322-117K12	CHORI-322	3R	16954560	16976507
CH322-117K13	CHORI-322	2R	5003173	5028051
CH322-117K15	CHORI-322	3L	333517	358827
CH322-117K16	CHORI-322	2R	17154837	17175291
CH322-117L06	CHORI-322	3L	2802987	2821813
CH322-117L11	CHORI-322	X	15526729	15549436
CH322-117L12	CHORI-322	3R	3723781	3746178
CH322-117L13	CHORI-322	X	14844334	14864815
CH322-117L22	CHORI-322	2L	9742206	9765501
CH322-117M06	CHORI-322	2R	8948740	8968724
CH322-117M07	CHORI-322	3R	5345260	5365969
CH322-117M08	CHORI-322	3L	18084638	18105268
CH322-117M09	CHORI-322	2R	18471332	18493299
CH322-117M10	CHORI-322	3L	18994918	19015474
CH322-117M13	CHORI-322	2R	20181657	20205480
CH322-117M16	CHORI-322	X	15538405	15562529
CH322-117M17	CHORI-322	3R	6313880	6336932
CH322-117N06	CHORI-322	3R	25792449	25812733
CH322-117N07	CHORI-322	2RHet	752097	771762
CH322-117N08	CHORI-322	2R	8449870	8471000
CH322-117N09	CHORI-322	3R	23824821	23845240
CH322-117N10	CHORI-322	2L	10907638	10927014
CH322-117N12	CHORI-322	2R	17544141	17563993
CH322-117N13	CHORI-322	2R	20070432	20090206
CH322-117N14	CHORI-322	2R	17443460	17466190
CH322-117O03	CHORI-322	3L	3391411	3410489
CH322-117O11	CHORI-322	3R	19932038	19953105
CH322-117O12	CHORI-322	2L	13614250	13633663
CH322-117O17	CHORI-322	3R	15053580	15076714
CH322-118A01	CHORI-322	3R	25623597	25645792
CH322-118A05	CHORI-322	2R	5359972	5380953
CH322-118A07	CHORI-322	2R	11464540	11489045
CH322-118A10	CHORI-322	3R	20682816	20706608
CH322-118A13	CHORI-322	3R	1591375	1616124
CH322-118A14	CHORI-322	2R	15565987	15585147
CH322-118A16	CHORI-322	2R	9666316	9687854
CH322-118A17	CHORI-322	3L	24316692	24336843
CH322-118A18	CHORI-322	3R	1676363	1696947
CH322-118A20	CHORI-322	3L	14399290	14418252
CH322-118A21	CHORI-322	3L	15877491	15898138
CH322-118A23	CHORI-322	3R	10463043	10482969
CH322-118A24	CHORI-322	2R	627294	647003
CH322-118B01	CHORI-322	2L	21120191	21139464
CH322-118B02	CHORI-322	3R	8245029	8264077
CH322-118B03	CHORI-322	2L	10325528	10345799
CH322-118B05	CHORI-322	3L	11386395	11406107

CH322-118B07	CHORI-322	3L	12708782	12732128
CH322-118B08	CHORI-322	3LHet	268654	289458
CH322-118B09	CHORI-322	2R	2632162	2651106
CH322-118B10	CHORI-322	X	8409185	8426062
CH322-118B11	CHORI-322	3R	21156515	21176930
CH322-118B12	CHORI-322	2R	9603655	9624774
CH322-118B13	CHORI-322	2L	10343371	10365944
CH322-118B14	CHORI-322	3R	1209897	1233271
CH322-118B15	CHORI-322	3L	19220807	19241100
CH322-118B17	CHORI-322	X	8069895	8093855
CH322-118B18	CHORI-322	2L	15735781	15756988
CH322-118B19	CHORI-322	3L	10941391	10961984
CH322-118B20	CHORI-322	2RHet	1276669	1297163
CH322-118B21	CHORI-322	3R	915379	934606
CH322-118B24	CHORI-322	2R	585156	605366
CH322-118C01	CHORI-322	2R	7088469	7112920
CH322-118C02	CHORI-322	3R	17730089	17752564
CH322-118C03	CHORI-322	3L	14158886	14180416
CH322-118C04	CHORI-322	2L	16232335	16253726
CH322-118C05	CHORI-322	3R	17561130	17582329
CH322-118C08	CHORI-322	2L	17202610	17222416
CH322-118C10	CHORI-322	3R	19526163	19546650
CH322-118C14	CHORI-322	3L	16398450	16418646
CH322-118C16	CHORI-322	2L	18778651	18804208
CH322-118C17	CHORI-322	2R	17487429	17509755
CH322-118C18	CHORI-322	2R	18449477	18473799
CH322-118C20	CHORI-322	2R	10429490	10449494
CH322-118C21	CHORI-322	3L	16966116	16986519
CH322-118C23	CHORI-322	X	16299518	16322067
CH322-118C24	CHORI-322	3L	14526141	14547251
CH322-118D01	CHORI-322	2R	16114355	16136164
CH322-118D02	CHORI-322	3R	14469678	14490447
CH322-118D05	CHORI-322	3R	8075567	8097289
CH322-118D07	CHORI-322	2L	18570668	18592498
CH322-118D08	CHORI-322	2L	13889751	13909704
CH322-118D10	CHORI-322	3R	26413223	26429681
CH322-118D12	CHORI-322	3L	9456595	9480404
CH322-118D13	CHORI-322	3L	19991466	20011906
CH322-118D14	CHORI-322	X	4089831	4112831
CH322-118D15	CHORI-322	2R	8107025	8128209
CH322-118D17	CHORI-322	3L	9931641	9951653
CH322-118D18	CHORI-322	3L	19833265	19854457
CH322-118D19	CHORI-322	2L	8449039	8469171
CH322-118D22	CHORI-322	X	8964245	8986363
CH322-118D23	CHORI-322	3R	19163953	19183544
CH322-118D24	CHORI-322	X	4187207	4206884
CH322-118E03	CHORI-322	3L	15019370	15042451
CH322-118E04	CHORI-322	X	7435237	7455962
CH322-118E05	CHORI-322	2R	3388424	3408144
CH322-118E06	CHORI-322	2L	7404326	7428256
CH322-118E07	CHORI-322	X	3748744	3769891
CH322-118E08	CHORI-322	2R	3361314	3381038
CH322-118E09	CHORI-322	3L	12170141	12191213
CH322-118E10	CHORI-322	3R	2167878	2188131

CH322-118E15	CHORI-322	2L	13934641	13954750
CH322-118E17	CHORI-322	3R	16417320	16438938
CH322-118E18	CHORI-322	2L	21897923	21918532
CH322-118E20	CHORI-322	3R	5306296	5330210
CH322-118E21	CHORI-322	2R	3287576	3308509
CH322-118E22	CHORI-322	X	10794816	10819463
CH322-118E23	CHORI-322	X	18556629	18577475
CH322-118E24	CHORI-322	2L	9560915	9583070
CH322-118F02	CHORI-322	X	7937856	7958622
CH322-118F03	CHORI-322	X	19955818	19976638
CH322-118F04	CHORI-322	3R	1297977	1320343
CH322-118F05	CHORI-322	3L	18395460	18419099
CH322-118F07	CHORI-322	3L	6716535	6737708
CH322-118F08	CHORI-322	2L	14586713	14609369
CH322-118F09	CHORI-322	3R	9747850	9769737
CH322-118F10	CHORI-322	X	17848899	17869867
CH322-118F11	CHORI-322	3L	5537057	5559010
CH322-118F12	CHORI-322	3L	17590816	17613850
CH322-118F13	CHORI-322	2L	13991024	14014498
CH322-118F14	CHORI-322	2RHet	2897730	2919598
CH322-118F15	CHORI-322	2R	6515001	6536716
CH322-118F16	CHORI-322	3R	14655199	14677300
CH322-118F17	CHORI-322	3L	11037217	11061581
CH322-118F21	CHORI-322	2L	5247638	5268515
CH322-118F22	CHORI-322	2L	8218926	8242990
CH322-118F23	CHORI-322	3L	20837793	20858815
CH322-118G01	CHORI-322	2R	18990299	19012161
CH322-118G02	CHORI-322	2L	2596633	2619432
CH322-118G03	CHORI-322	3L	6745324	6767889
CH322-118G04	CHORI-322	X	1439505	1460688
CH322-118G06	CHORI-322	2L	8039902	8061021
CH322-118G09	CHORI-322	2L	1196461	1221138
CH322-118G10	CHORI-322	3R	12181199	12205641
CH322-118G11	CHORI-322	3R	21855883	21877143
CH322-118G12	CHORI-322	2R	8104462	8124166
CH322-118G13	CHORI-322	3L	11128011	11151105
CH322-118G15	CHORI-322	3L	8271837	8295865
CH322-118G16	CHORI-322	3R	3121989	3142600
CH322-118G17	CHORI-322	4	639395	659504
CH322-118G18	CHORI-322	2RHet	1289109	1309358
CH322-118G21	CHORI-322	3R	25658667	25679165
CH322-118G22	CHORI-322	2L	14960318	14980121
CH322-118G23	CHORI-322	3L	14630856	14650484
CH322-118H01	CHORI-322	2L	22517864	22539884
CH322-118H02	CHORI-322	2R	8005303	8027234
CH322-118H03	CHORI-322	3L	18974571	18995229
CH322-118H04	CHORI-322	3R	15060697	15084880
CH322-118H05	CHORI-322	2L	11374166	11396987
CH322-118H07	CHORI-322	3L	14186871	14207819
CH322-118H10	CHORI-322	3R	14655933	14678241
CH322-118H11	CHORI-322	3R	21870008	21895323
CH322-118H12	CHORI-322	3L	23459677	23484188
CH322-118H13	CHORI-322	3R	21771625	21793243
CH322-118H14	CHORI-322	2L	21167455	21190808

CH322-118H15	CHORI-322	3L	11634434	11656560
CH322-118H16	CHORI-322	3RHet	423221	447972
CH322-118H17	CHORI-322	3R	22563714	22585979
CH322-118H18	CHORI-322	2L	5784467	5806214
CH322-118H19	CHORI-322	3R	8072568	8093261
CH322-118H21	CHORI-322	3L	5664176	5687957
CH322-118H22	CHORI-322	3L	143605	164139
CH322-118H23	CHORI-322	3R	17573882	17593673
CH322-118H24	CHORI-322	2R	13557231	13580039
CH322-118I01	CHORI-322	X	19012041	19032460
CH322-118I03	CHORI-322	X	6492104	6513996
CH322-118I05	CHORI-322	3RHet	280645	302730
CH322-118I08	CHORI-322	2R	6805070	6825488
CH322-118I11	CHORI-322	3R	16394331	16414045
CH322-118I13	CHORI-322	3RHet	569490	590396
CH322-118I14	CHORI-322	2L	6882848	6905841
CH322-118I15	CHORI-322	X	16547105	16567883
CH322-118I16	CHORI-322	3R	3453364	3476035
CH322-118I21	CHORI-322	3R	7221911	7244568
CH322-118I22	CHORI-322	3L	19857742	19878047
CH322-118I23	CHORI-322	3L	11980201	12002078
CH322-118J04	CHORI-322	3R	1384608	1409289
CH322-118J06	CHORI-322	2L	3520940	3542377
CH322-118J07	CHORI-322	2R	12283879	12304445
CH322-118J08	CHORI-322	X	5682556	5703357
CH322-118J09	CHORI-322	3L	10102449	10123754
CH322-118J11	CHORI-322	2R	9893926	9913256
CH322-118J12	CHORI-322	X	19679962	19699866
CH322-118J15	CHORI-322	X	12601004	12622517
CH322-118J16	CHORI-322	2R	659671	682797
CH322-118J17	CHORI-322	2R	1965260	1989121
CH322-118J18	CHORI-322	3R	18496581	18518443
CH322-118J21	CHORI-322	2R	3045714	3065389
CH322-118J22	CHORI-322	3R	9102203	9123175
CH322-118K01	CHORI-322	2R	15473143	15491695
CH322-118K02	CHORI-322	2R	9741506	9762824
CH322-118K03	CHORI-322	3L	1732946	1757148
CH322-118K06	CHORI-322	2L	3670461	3694698
CH322-118K09	CHORI-322	2L	15582802	15603620
CH322-118K10	CHORI-322	3L	1271098	1292614
CH322-118K11	CHORI-322	2L	15504523	15526622
CH322-118K13	CHORI-322	X	19640467	19663282
CH322-118K14	CHORI-322	3L	887260	907245
CH322-118K18	CHORI-322	2RHet	661591	683722
CH322-118K19	CHORI-322	2L	5245728	5267031
CH322-118K20	CHORI-322	X	17725801	17747965
CH322-118K21	CHORI-322	3L	5757692	5780932
CH322-118K24	CHORI-322	3L	3666962	3686283
CH322-118L01	CHORI-322	2R	11628409	11648466
CH322-118L02	CHORI-322	2R	20549219	20571094
CH322-118L03	CHORI-322	2L	11135410	11157963
CH322-118L04	CHORI-322	2RHet	633190	653233
CH322-118L05	CHORI-322	2R	8003773	8026017
CH322-118L06	CHORI-322	2R	715592	739618

CH322-118L08	CHORI-322	3L	13719915	13739173
CH322-118L09	CHORI-322	3L	10192148	10211903
CH322-118L10	CHORI-322	2L	18107634	18130476
CH322-118L12	CHORI-322	X	5835645	5855963
CH322-118L13	CHORI-322	3R	15613979	15635543
CH322-118L16	CHORI-322	2L	15768141	15787921
CH322-118L18	CHORI-322	3LHet	2460848	2483977
CH322-118L19	CHORI-322	3L	11069921	11093578
CH322-118L20	CHORI-322	4	1065841	1088905
CH322-118L22	CHORI-322	3L	1722764	1746078
CH322-118L23	CHORI-322	3R	4894066	4917144
CH322-118L24	CHORI-322	2L	11623365	11647793
CH322-118M01	CHORI-322	2L	5192632	5214132
CH322-118M04	CHORI-322	2L	11137628	11157021
CH322-118M06	CHORI-322	3L	10970429	10995310
CH322-118M08	CHORI-322	2R	3860333	3880157
CH322-118M09	CHORI-322	2R	14468146	14488533
CH322-118M11	CHORI-322	X	15617142	15639091
CH322-118M12	CHORI-322	3R	15035755	15056390
CH322-118M14	CHORI-322	2L	22955528	22978258
CH322-118M15	CHORI-322	X	1553828	1573402
CH322-118M16	CHORI-322	3R	2697997	2719731
CH322-118M17	CHORI-322	2L	4301802	4322107
CH322-118M19	CHORI-322	2L	14242833	14266035
CH322-118M22	CHORI-322	3R	26155793	26178671
CH322-118M23	CHORI-322	2L	7679577	7700032
CH322-118M24	CHORI-322	3R	7604861	7628010
CH322-118N01	CHORI-322	2L	10832472	10852479
CH322-118N03	CHORI-322	3L	113689	134035
CH322-118N04	CHORI-322	3R	15527478	15550659
CH322-118N05	CHORI-322	3R	527377	547258
CH322-118N06	CHORI-322	3LHet	358974	378576
CH322-118N11	CHORI-322	3L	12751326	12773797
CH322-118N12	CHORI-322	2L	15278963	15299158
CH322-118N13	CHORI-322	X	10946698	10969144
CH322-118N14	CHORI-322	3R	2044297	2069495
CH322-118N16	CHORI-322	2R	19003174	19023513
CH322-118N17	CHORI-322	2L	22683264	22705458
CH322-118N20	CHORI-322	2R	18019727	18039716
CH322-118N21	CHORI-322	X	20046313	20068652
CH322-118N22	CHORI-322	3L	15781216	15802067
CH322-118N23	CHORI-322	3R	10130084	10150138
CH322-118N24	CHORI-322	2L	13348247	13371206
CH322-118O01	CHORI-322	3L	14826975	14845356
CH322-118O03	CHORI-322	4	1067386	1088378
CH322-118O05	CHORI-322	2R	895067	916379
CH322-118O06	CHORI-322	3RHet	280628	300253
CH322-118O08	CHORI-322	2L	13136144	13156950
CH322-118O09	CHORI-322	2R	14074204	14097193
CH322-118O12	CHORI-322	2L	3560223	3582414
CH322-118O13	CHORI-322	3R	3654722	3679019
CH322-118O16	CHORI-322	3R	20737955	20762441
CH322-118O18	CHORI-322	X	18401802	18424852
CH322-118O19	CHORI-322	2L	20261488	20281123

CH322-118O20	CHORI-322	3L	7305868	7329843
CH322-118O21	CHORI-322	2R	421449	443423
CH322-118O22	CHORI-322	3L	18015168	18038561
CH322-118O23	CHORI-322	X	9906215	9925975
CH322-118P01	CHORI-322	3L	12421119	12441736
CH322-118P02	CHORI-322	2L	16836775	16857735
CH322-118P03	CHORI-322	3L	16419216	16440838
CH322-118P04	CHORI-322	3R	25108478	25129607
CH322-118P05	CHORI-322	3R	17864738	17888916
CH322-118P06	CHORI-322	3R	23792576	23813202
CH322-118P07	CHORI-322	2L	4690149	4712384
CH322-118P08	CHORI-322	2RHet	75547	96440
CH322-118P09	CHORI-322	X	20621110	20643001
CH322-118P10	CHORI-322	3R	27540607	27562537
CH322-118P11	CHORI-322	X	1795586	1821171
CH322-118P12	CHORI-322	2R	7244430	7266586
CH322-118P13	CHORI-322	2L	275414	296773
CH322-118P14	CHORI-322	2R	17773897	17792111
CH322-118P16	CHORI-322	2L	4940771	4962528
CH322-118P17	CHORI-322	3R	8813698	8834861
CH322-118P18	CHORI-322	X	3688457	3709179
CH322-118P19	CHORI-322	3R	7778308	7799375
CH322-118P20	CHORI-322	3R	1185451	1209726
CH322-118P21	CHORI-322	2L	16341383	16365908
CH322-118P22	CHORI-322	2L	3552337	3571996
CH322-119A01	CHORI-322	3L	3981429	4003667
CH322-119A02	CHORI-322	3L	17027435	17050529
CH322-119A03	CHORI-322	X	13007041	13031577
CH322-119A04	CHORI-322	3L	9616312	9634680
CH322-119A05	CHORI-322	3L	20667897	20687595
CH322-119A06	CHORI-322	X	2398953	2417894
CH322-119A07	CHORI-322	3R	19965429	19989759
CH322-119A08	CHORI-322	2L	13982197	14004975
CH322-119A09	CHORI-322	2L	19395452	19415975
CH322-119A10	CHORI-322	3R	11861367	11884834
CH322-119A11	CHORI-322	2L	856845	882231
CH322-119A14	CHORI-322	3R	24404550	24425968
CH322-119A15	CHORI-322	2R	5748431	5765419
CH322-119A17	CHORI-322	3LHet	996089	1016800
CH322-119A18	CHORI-322	2L	1797622	1819790
CH322-119A19	CHORI-322	X	1387338	1410676
CH322-119A20	CHORI-322	3L	18059878	18079936
CH322-119A21	CHORI-322	2L	2041839	2062154
CH322-119A22	CHORI-322	X	19192639	19216781
CH322-119B02	CHORI-322	2L	10398184	10419890
CH322-119B03	CHORI-322	2R	1995809	2018725
CH322-119B04	CHORI-322	2R	11733586	11758847
CH322-119B05	CHORI-322	2L	14603407	14624732
CH322-119B06	CHORI-322	2R	6725651	6747176
CH322-119B07	CHORI-322	2R	17196329	17218804
CH322-119B09	CHORI-322	3R	2871706	2890994
CH322-119B13	CHORI-322	3L	7282527	7302736
CH322-119B14	CHORI-322	2L	12783850	12806722
CH322-119B19	CHORI-322	2R	19952539	19975345

CH322-119B20	CHORI-322	3R	16006737	16025291
CH322-119B22	CHORI-322	3L	7769184	7788339
CH322-119B23	CHORI-322	3L	1814525	1833991
CH322-119B24	CHORI-322	3R	27372905	27397311
CH322-119C01	CHORI-322	X	1002796	1022488
CH322-119C02	CHORI-322	3R	12448431	12470446
CH322-119C03	CHORI-322	3L	18886120	18908473
CH322-119C05	CHORI-322	X	19685671	19707725
CH322-119C06	CHORI-322	2R	6152688	6174533
CH322-119C08	CHORI-322	3L	8466292	8487633
CH322-119C09	CHORI-322	3L	12441137	12462778
CH322-119C10	CHORI-322	3RHet	901768	922078
CH322-119C12	CHORI-322	2L	18844095	18868745
CH322-119C13	CHORI-322	3L	7899925	7923090
CH322-119C14	CHORI-322	3R	10855282	10875052
CH322-119C15	CHORI-322	3R	11044117	11066340
CH322-119C17	CHORI-322	2R	8093441	8116764
CH322-119C19	CHORI-322	2R	2772281	2792447
CH322-119C21	CHORI-322	ArmU	2267750	2292403
CH322-119C22	CHORI-322	3R	23559309	23582519
CH322-119C23	CHORI-322	X	10532692	10552154
CH322-119C24	CHORI-322	3R	3113404	3132582
CH322-119D01	CHORI-322	3R	7863752	7882846
CH322-119D02	CHORI-322	3L	11020230	11040668
CH322-119D03	CHORI-322	2L	13013827	13034440
CH322-119D04	CHORI-322	3L	5471601	5493840
CH322-119D06	CHORI-322	2L	6911122	6933441
CH322-119D07	CHORI-322	2L	22636132	22659515
CH322-119D08	CHORI-322	3L	8406507	8429687
CH322-119D10	CHORI-322	2R	18411507	18433182
CH322-119D11	CHORI-322	2L	8137275	8158603
CH322-119D14	CHORI-322	XHet	57031 78219	
CH322-119D16	CHORI-322	2R	14990235	15011036
CH322-119D20	CHORI-322	X	2037799	2058510
CH322-119D21	CHORI-322	2R	7091762	7113736
CH322-119D22	CHORI-322	2L	15172482	15193665
CH322-119D23	CHORI-322	2L	18012481	18032144
CH322-119D24	CHORI-322	3L	23629755	23650880
CH322-119E01	CHORI-322	4	231779	255365
CH322-119E02	CHORI-322	2L	21176014	21200471
CH322-119E04	CHORI-322	3R	23255514	23276132
CH322-119E05	CHORI-322	X	7064872	7087111
CH322-119E06	CHORI-322	2L	13276727	13297691
CH322-119E07	CHORI-322	3R	16716740	16741177
CH322-119E08	CHORI-322	3R	12268529	12289216
CH322-119E11	CHORI-322	3R	17512414	17535225
CH322-119E12	CHORI-322	4	850252	871457
CH322-119E13	CHORI-322	2L	13998887	14023110
CH322-119E14	CHORI-322	2R	16459215	16482998
CH322-119E15	CHORI-322	2R	1367153	1387195
CH322-119E16	CHORI-322	3L	21786279	21808084
CH322-119E17	CHORI-322	ArmU	2304121	2324178
CH322-119E18	CHORI-322	2L	6192389	6213114
CH322-119E19	CHORI-322	X	21218664	21239644

CH322-119E20	CHORI-322	3R	22394490	22419447
CH322-119E21	CHORI-322	3L	13441785	13462101
CH322-119E23	CHORI-322	3L	6329540	6351824
CH322-119F01	CHORI-322	3R	7702865	7724514
CH322-119F02	CHORI-322	3R	15226182	15250591
CH322-119F03	CHORI-322	3R	7970259	7993250
CH322-119F04	CHORI-322	2R	11397898	11417600
CH322-119F05	CHORI-322	2L	3391436	3414818
CH322-119F07	CHORI-322	3L	9751628	9771118
CH322-119F08	CHORI-322	2L	740430	762447
CH322-119F09	CHORI-322	3R	16874130	16895848
CH322-119F10	CHORI-322	X	15789891	15812387
CH322-119F11	CHORI-322	2L	5892922	5914587
CH322-119F12	CHORI-322	2R	12605645	12625938
CH322-119F13	CHORI-322	3L	18797358	18818206
CH322-119F16	CHORI-322	X	13651813	13675185
CH322-119F17	CHORI-322	3R	25067653	25090166
CH322-119F18	CHORI-322	2L	2490597	2510733
CH322-119F19	CHORI-322	3R	9205881	9226860
CH322-119F20	CHORI-322	3R	19554633	19575770
CH322-119F21	CHORI-322	2L	7968842	7988544
CH322-119F23	CHORI-322	2L	21060557	21083340
CH322-119G03	CHORI-322	2L	8489576	8512369
CH322-119G04	CHORI-322	3L	20183178	20202571
CH322-119G05	CHORI-322	3R	27005621	27026815
CH322-119G06	CHORI-322	3R	23513227	23533565
CH322-119G07	CHORI-322	3R	27289632	27315243
CH322-119G09	CHORI-322	3L	16617773	16640893
CH322-119G10	CHORI-322	2R	1470343	1492597
CH322-119G11	CHORI-322	2R	19828270	19851900
CH322-119G12	CHORI-322	3L	9813955	9836550
CH322-119G13	CHORI-322	3R	25956812	25978522
CH322-119G14	CHORI-322	3L	7828136	7849133
CH322-119G15	CHORI-322	X	15308556	15331940
CH322-119G16	CHORI-322	2L	2845758	2867422
CH322-119G17	CHORI-322	2R	19252645	19274449
CH322-119G18	CHORI-322	3L	18172747	18195188
CH322-119G20	CHORI-322	3L	21891525	21913828
CH322-119G21	CHORI-322	2R	19937602	19959580
CH322-119H01	CHORI-322	2R	10118327	10139735
CH322-119H03	CHORI-322	3R	4734536	4754450
CH322-119H04	CHORI-322	3L	24072137	24093535
CH322-119H05	CHORI-322	3R	5870617	5890677
CH322-119H06	CHORI-322	4	942438	961331
CH322-119H08	CHORI-322	3L	3297124	3316594
CH322-119H09	CHORI-322	X	703709	726389
CH322-119H12	CHORI-322	3R	16398099	16421660
CH322-119H13	CHORI-322	2RHet	2270991	2291812
CH322-119H14	CHORI-322	3R	19529210	19549420
CH322-119H17	CHORI-322	X	20370998	20392706
CH322-119H18	CHORI-322	3R	20883385	20905303
CH322-119H20	CHORI-322	3L	4118777	4142487
CH322-119H22	CHORI-322	X	15980459	16001036
CH322-119H24	CHORI-322	3R	25802559	25823607

CH322-119I01	CHORI-322	2R	20209933	20231672
CH322-119I02	CHORI-322	2R	13096170	13116987
CH322-119I03	CHORI-322	2R	8044468	8065760
CH322-119I04	CHORI-322	2L	22601030	22622736
CH322-119I05	CHORI-322	2R	18244313	18267397
CH322-119I06	CHORI-322	3R	12099824	12119813
CH322-119I07	CHORI-322	3L	23898565	23921640
CH322-119I08	CHORI-322	2R	1014861	1037356
CH322-119I09	CHORI-322	2L	3362596	3382721
CH322-119I11	CHORI-322	2L	7524183	7544659
CH322-119I12	CHORI-322	2R	4688078	4714148
CH322-119I14	CHORI-322	2L	10208180	10227610
CH322-119I15	CHORI-322	2R	14861879	14885491
CH322-119I16	CHORI-322	2L	11362295	11386749
CH322-119I17	CHORI-322	3L	5137686	5160836
CH322-119I18	CHORI-322	X	6115528	6140652
CH322-119I19	CHORI-322	2L	8312430	8332653
CH322-119I20	CHORI-322	3R	26291564	26314811
CH322-119I21	CHORI-322	2R	4479211	4504406
CH322-119J02	CHORI-322	2L	9721004	9742697
CH322-119J03	CHORI-322	3L	8699041	8718251
CH322-119J04	CHORI-322	3L	13917235	13938372
CH322-119J05	CHORI-322	3R	24947536	24966834
CH322-119J06	CHORI-322	3R	21977094	21997337
CH322-119J07	CHORI-322	X	7576483	7598386
CH322-119J08	CHORI-322	3R	24595563	24616101
CH322-119J09	CHORI-322	3R	14913633	14933095
CH322-119J11	CHORI-322	3L	16119677	16143630
CH322-119J12	CHORI-322	2R	7259445	7281209
CH322-119J14	CHORI-322	3L	23080022	23100973
CH322-119J15	CHORI-322	3R	20553754	20574409
CH322-119J17	CHORI-322	3R	5522743	5545319
CH322-119J18	CHORI-322	2L	18665015	18687477
CH322-119J21	CHORI-322	3L	197694	222115
CH322-119J22	CHORI-322	X	12653811	12676175
CH322-119J23	CHORI-322	2L	19322969	19340489
CH322-119J24	CHORI-322	2R	2071491	2096460
CH322-119K02	CHORI-322	X	14887562	14910747
CH322-119K03	CHORI-322	2RHet	71741	92881
CH322-119K04	CHORI-322	X	16998428	17020918
CH322-119K05	CHORI-322	3R	27343016	27366858
CH322-119K06	CHORI-322	3RHet	2133859	2156352
CH322-119K07	CHORI-322	3R	11945204	11965921
CH322-119K08	CHORI-322	3R	25983296	26004768
CH322-119K09	CHORI-322	3L	4117490	4140203
CH322-119K10	CHORI-322	3R	642668	666005
CH322-119K13	CHORI-322	X	5526778	5548967
CH322-119K14	CHORI-322	3L	3957646	3980224
CH322-119K15	CHORI-322	2L	3913850	3936550
CH322-119K16	CHORI-322	3L	9584631	9607515
CH322-119K17	CHORI-322	2L	14601246	14623111
CH322-119K20	CHORI-322	3R	17201073	17223092
CH322-119K21	CHORI-322	3R	22769189	22789237
CH322-119K22	CHORI-322	3R	4508500	4528060

CH322-119K23	CHORI-322	2R	1620508	1644391
CH322-119K24	CHORI-322	3R	26680770	26703241
CH322-119L01	CHORI-322	3R	18505583	18529838
CH322-119L02	CHORI-322	3L	20886663	20906212
CH322-119L04	CHORI-322	2L	12430470	12451077
CH322-119L05	CHORI-322	3R	12789029	12812101
CH322-119L06	CHORI-322	3R	1259177	1282033
CH322-119L07	CHORI-322	2R	9205698	9226013
CH322-119L08	CHORI-322	X	2246179	2266579
CH322-119L09	CHORI-322	2L	11780728	11805667
CH322-119L10	CHORI-322	2R	470821	494765
CH322-119L12	CHORI-322	3L	9978196	9998751
CH322-119L13	CHORI-322	3R	20056296	20077407
CH322-119L14	CHORI-322	3R	22996163	23015821
CH322-119L15	CHORI-322	2L	6925876	6946640
CH322-119L16	CHORI-322	3R	2512001	2534406
CH322-119L17	CHORI-322	3R	5232621	5257315
CH322-119L18	CHORI-322	2R	18148610	18170918
CH322-119L19	CHORI-322	2R	7182783	7208563
CH322-119L20	CHORI-322	2L	4137942	4158473
CH322-119L23	CHORI-322	X	1819861	1842867
CH322-119M01	CHORI-322	2R	12324469	12343996
CH322-119M02	CHORI-322	2R	13678309	13700331
CH322-119M03	CHORI-322	2R	9643243	9666082
CH322-119M05	CHORI-322	2R	3957222	3978697
CH322-119M06	CHORI-322	3L	10277467	10300757
CH322-119M07	CHORI-322	3L	17444923	17467538
CH322-119M08	CHORI-322	3R	9617202	9637109
CH322-119M09	CHORI-322	2L	19072539	19094994
CH322-119M10	CHORI-322	2L	7614947	7636422
CH322-119M12	CHORI-322	3R	17683683	17706264
CH322-119M13	CHORI-322	3R	25090691	25111230
CH322-119M14	CHORI-322	2L	654036	676951
CH322-119M15	CHORI-322	2L	3821892	3841638
CH322-119M16	CHORI-322	3R	22776644	22797443
CH322-119M17	CHORI-322	3R	17313088	17332878
CH322-119M18	CHORI-322	X	17336314	17356660
CH322-119M19	CHORI-322	2R	20756603	20779831
CH322-119M20	CHORI-322	3L	7329133	7352328
CH322-119M21	CHORI-322	X	4344498	4368405
CH322-119M23	CHORI-322	2L	9518381	9539897
CH322-119M24	CHORI-322	3R	1106204	1125603
CH322-119N01	CHORI-322	2L	6171322	6194820
CH322-119N02	CHORI-322	3R	23268686	23291877
CH322-119N03	CHORI-322	2R	3552811	3577094
CH322-119N06	CHORI-322	3R	23074524	23100675
CH322-119N07	CHORI-322	2L	9645020	9670063
CH322-119N08	CHORI-322	3R	13202569	13226531
CH322-119N09	CHORI-322	2R	3171034	3193343
CH322-119N10	CHORI-322	2L	18210067	18231842
CH322-119N11	CHORI-322	3L	18394605	18413425
CH322-119N12	CHORI-322	3R	6239490	6261308
CH322-119N14	CHORI-322	3R	25791604	25814314
CH322-119N15	CHORI-322	3L	6171688	6192136

CH322-119N16	CHORI-322	2RHet	2834004	2855139
CH322-119N17	CHORI-322	2R	3207270	3230349
CH322-119N18	CHORI-322	3L	1477648	1501853
CH322-119N19	CHORI-322	3L	15054327	15073660
CH322-119N21	CHORI-322	2L	17441363	17461331
CH322-119N22	CHORI-322	3R	11225219	11249572
CH322-119N24	CHORI-322	3R	9589642	9611215
CH322-119O01	CHORI-322	3R	27829499	27850328
CH322-119O02	CHORI-322	3R	13586467	13607683
CH322-119O03	CHORI-322	3R	7049579	7071250
CH322-119O04	CHORI-322	3R	13516949	13538070
CH322-119O05	CHORI-322	2R	1089070	1110822
CH322-119O06	CHORI-322	3R	26903271	26926966
CH322-119O07	CHORI-322	3R	26979903	27003891
CH322-119O10	CHORI-322	2L	19891740	19912845
CH322-119O11	CHORI-322	3L	16737423	16758874
CH322-119O12	CHORI-322	2L	8307745	8330793
CH322-119O13	CHORI-322	3R	18392583	18414467
CH322-119O14	CHORI-322	3LHet	928524	950315
CH322-119O15	CHORI-322	2R	9692394	9712751
CH322-119O16	CHORI-322	2R	14400150	14420672
CH322-119O17	CHORI-322	2L	3033919	3055457
CH322-119O18	CHORI-322	3L	34030	54880
CH322-119O20	CHORI-322	2L	19140320	19161727
CH322-119O21	CHORI-322	X	1651048	1670461
CH322-119O22	CHORI-322	2L	19316450	19337756
CH322-119O24	CHORI-322	3L	6559489	6582974
CH322-119P01	CHORI-322	X	14707840	14732622
CH322-119P02	CHORI-322	X	21500092	21520401
CH322-119P03	CHORI-322	3L	10463963	10486429
CH322-119P04	CHORI-322	2R	9449217	9468598
CH322-119P05	CHORI-322	3R	15610902	15632186
CH322-119P06	CHORI-322	X	12049298	12069317
CH322-119P07	CHORI-322	2R	19127683	19151254
CH322-119P08	CHORI-322	3R	19699545	19724161
CH322-119P11	CHORI-322	3R	20687031	20708960
CH322-119P12	CHORI-322	3L	22859044	22881011
CH322-119P13	CHORI-322	2R	10595058	10614850
CH322-119P14	CHORI-322	3R	16085124	16105971
CH322-119P15	CHORI-322	2R	14544486	14567671
CH322-119P16	CHORI-322	2R	13555107	13578586
CH322-119P18	CHORI-322	X	21213963	21233926
CH322-119P19	CHORI-322	2L	12696417	12716899
CH322-119P20	CHORI-322	2L	3706720	3727177
CH322-119P21	CHORI-322	X	19845010	19861076
CH322-11A03	CHORI-322	2L	18574652	18595135
CH322-11A07	CHORI-322	3R	8378788	8399431
CH322-11A08	CHORI-322	2L	3001665	3021862
CH322-11A09	CHORI-322	2L	11282709	11305500
CH322-11A10	CHORI-322	3R	17445768	17467661
CH322-11A11	CHORI-322	3L	14668372	14690134
CH322-11A12	CHORI-322	2L	10193931	10215203
CH322-11A13	CHORI-322	X	21438193	21457593
CH322-11A14	CHORI-322	3L	23842903	23865971

CH322-11A17	CHORI-322	X	10102292	10126655
CH322-11A19	CHORI-322	X	19470884	19492727
CH322-11A22	CHORI-322	3R	12996363	13019555
CH322-11B02	CHORI-322	3R	25844499	25868096
CH322-11B03	CHORI-322	2L	892206	917585
CH322-11B04	CHORI-322	2R	18339903	18359657
CH322-11B06	CHORI-322	3L	322336	344918
CH322-11B07	CHORI-322	3L	19530536	19551053
CH322-11B08	CHORI-322	3R	3740929	3761689
CH322-11B10	CHORI-322	2L	3183445	3202949
CH322-11B12	CHORI-322	X	8104030	8126502
CH322-11B13	CHORI-322	3L	15067754	15089480
CH322-11B14	CHORI-322	3R	15223072	15244101
CH322-11C04	CHORI-322	3R	13877261	13900761
CH322-11C06	CHORI-322	3R	240057	262584
CH322-11C08	CHORI-322	3R	530439	552007
CH322-11C11	CHORI-322	4	157546	177222
CH322-11C12	CHORI-322	3R	19793242	19816211
CH322-11C16	CHORI-322	3R	11980829	12003488
CH322-11C18	CHORI-322	X	16966517	16987098
CH322-11C21	CHORI-322	X	18177972	18202543
CH322-11D02	CHORI-322	2L	2745084	2766331
CH322-11D04	CHORI-322	X	13158814	13179991
CH322-11D06	CHORI-322	3R	16432144	16453469
CH322-11D09	CHORI-322	2R	13409255	13430825
CH322-11D13	CHORI-322	2L	12038683	12063463
CH322-11D14	CHORI-322	X	22142171	22161771
CH322-11D15	CHORI-322	X	10740431	10765893
CH322-11D16	CHORI-322	2R	16481525	16502136
CH322-11D20	CHORI-322	3R	24302103	24323860
CH322-11E03	CHORI-322	2L	20756862	20779956
CH322-11E06	CHORI-322	3R	5276397	5298395
CH322-11E11	CHORI-322	3L	8275875	8295865
CH322-11E12	CHORI-322	2L	20761346	20781953
CH322-11E14	CHORI-322	2R	16357337	16379017
CH322-11E15	CHORI-322	3R	5899793	5921598
CH322-11E21	CHORI-322	2R	5760422	5781586
CH322-11E22	CHORI-322	2L	17457395	17477877
CH322-11F03	CHORI-322	2L	3299679	3322410
CH322-11F05	CHORI-322	2R	20444323	20465551
CH322-11F06	CHORI-322	3L	11133125	11155905
CH322-11F11	CHORI-322	X	11571456	11590651
CH322-11F14	CHORI-322	2R	18900033	18923546
CH322-11F18	CHORI-322	3L	8092097	8112398
CH322-11F22	CHORI-322	X	17748141	17769039
CH322-11F23	CHORI-322	3L	1413231	1437432
CH322-11G04	CHORI-322	2L	3615155	3635064
CH322-11G07	CHORI-322	3L	6365813	6385351
CH322-11G08	CHORI-322	3R	21071724	21093837
CH322-11G09	CHORI-322	3L	16325462	16344960
CH322-11G12	CHORI-322	X	10279590	10303000
CH322-11G13	CHORI-322	3L	7632088	7655093
CH322-11G14	CHORI-322	2R	7601925	7623279
CH322-11G16	CHORI-322	X	14778181	14801078

CH322-11G21	CHORI-322	3R	3761475	3780643
CH322-11H01	CHORI-322	3L	5693409	5719001
CH322-11H02	CHORI-322	3L	5761096	5782712
CH322-11H04	CHORI-322	X	3018502	3039591
CH322-11H08	CHORI-322	2L	17214185	17236149
CH322-11H10	CHORI-322	2R	9307500	9331443
CH322-11H14	CHORI-322	X	18427587	18448800
CH322-11H18	CHORI-322	2R	9376432	9397428
CH322-11I03	CHORI-322	2R	10619723	10639337
CH322-11I08	CHORI-322	3R	8355613	8378453
CH322-11I09	CHORI-322	3R	12919931	12942351
CH322-11I10	CHORI-322	3L	18287260	18310482
CH322-11I12	CHORI-322	3L	3484558	3507414
CH322-11I14	CHORI-322	2R	7179285	7200614
CH322-11J03	CHORI-322	2R	16876694	16896837
CH322-11J05	CHORI-322	3L	23635561	23658699
CH322-11J07	CHORI-322	3L	1010745	1033664
CH322-11J09	CHORI-322	2L	14082699	14103138
CH322-11J11	CHORI-322	3R	20597846	20622399
CH322-11J12	CHORI-322	2R	5726695	5747046
CH322-11J14	CHORI-322	2R	2921746	2942685
CH322-11J15	CHORI-322	X	6041861	6061866
CH322-11J17	CHORI-322	X	20556838	20578692
CH322-11J18	CHORI-322	3L	15081210	15104470
CH322-11J21	CHORI-322	2L	3224026	3245095
CH322-11K04	CHORI-322	3R	9150156	9169886
CH322-11K06	CHORI-322	X	8065851	8086437
CH322-11K07	CHORI-322	3L	17422156	17444490
CH322-11K08	CHORI-322	2R	4003978	4025162
CH322-11K09	CHORI-322	2R	20766431	20790683
CH322-11K11	CHORI-322	X	20844269	20864980
CH322-11K13	CHORI-322	X	9956001	9975939
CH322-11K14	CHORI-322	3L	4084136	4103854
CH322-11K16	CHORI-322	2L	737926	760261
CH322-11L06	CHORI-322	2R	20955098	20976296
CH322-11L07	CHORI-322	2R	19952326	19973875
CH322-11L08	CHORI-322	2R	12303945	12324056
CH322-11L09	CHORI-322	3L	5711660	5734135
CH322-11L10	CHORI-322	2L	7478973	7501241
CH322-11L12	CHORI-322	2R	16423343	16442872
CH322-11L13	CHORI-322	3R	27482871	27505439
CH322-11L14	CHORI-322	X	4286359	4307918
CH322-11L18	CHORI-322	2R	19814141	19834109
CH322-11M04	CHORI-322	3R	27796581	27820276
CH322-11M10	CHORI-322	3R	22373479	22393130
CH322-11M12	CHORI-322	3R	11416088	11436297
CH322-11M16	CHORI-322	3L	21190404	21211086
CH322-11M17	CHORI-322	3R	5465270	5487592
CH322-11M18	CHORI-322	3R	11518981	11541496
CH322-11M19	CHORI-322	4	213589	234994
CH322-11M20	CHORI-322	2R	13457292	13477637
CH322-11N08	CHORI-322	X	3737916	3758716
CH322-11N09	CHORI-322	3R	19942624	19963941
CH322-11N12	CHORI-322	3L	11124036	11143716

CH322-11N13	CHORI-322	3R	10492125	10513753
CH322-11N15	CHORI-322	X	8059013	8082099
CH322-11N16	CHORI-322	3L	4003884	4029353
CH322-11N19	CHORI-322	2L	8962084	8983577
CH322-11O01	CHORI-322	2R	16135822	16156256
CH322-11O07	CHORI-322	3R	12373372	12397319
CH322-11O08	CHORI-322	2L	518464	539546
CH322-11O09	CHORI-322	X	18085038	18106509
CH322-11O11	CHORI-322	X	19762665	19785654
CH322-11O16	CHORI-322	2L	5463652	5484591
CH322-11P01	CHORI-322	2R	523887	544867
CH322-11P03	CHORI-322	2L	7433346	7456931
CH322-11P04	CHORI-322	3R	15747127	15769585
CH322-11P05	CHORI-322	3R	19340130	19362353
CH322-11P07	CHORI-322	2R	19143355	19163588
CH322-11P08	CHORI-322	3R	26720252	26739617
CH322-11P11	CHORI-322	3R	9226552	9248215
CH322-11P14	CHORI-322	3R	27203636	27226430
CH322-11P17	CHORI-322	2L	6180161	6204645
CH322-11P24	CHORI-322	3L	12736267	12757281
CH322-120A01	CHORI-322	2R	20433712	20455687
CH322-120A04	CHORI-322	2L	22936926	22959896
CH322-120A06	CHORI-322	X	15967797	15988599
CH322-120A07	CHORI-322	2R	17525169	17547009
CH322-120A08	CHORI-322	3R	12983882	13006858
CH322-120A09	CHORI-322	3R	20058375	20082134
CH322-120A10	CHORI-322	3R	14806363	14829702
CH322-120A11	CHORI-322	X	11768714	11787325
CH322-120A12	CHORI-322	X	19074736	19100287
CH322-120A14	CHORI-322	2L	8672339	8694469
CH322-120A15	CHORI-322	3R	2168827	2188950
CH322-120A16	CHORI-322	X	2100311	2121574
CH322-120A19	CHORI-322	3L	15692522	15711937
CH322-120A20	CHORI-322	2R	4526511	4549195
CH322-120A21	CHORI-322	X	9434938	9456516
CH322-120A22	CHORI-322	3R	2128856	2149957
CH322-120A23	CHORI-322	3L	12460152	12479442
CH322-120A24	CHORI-322	2R	19176597	19196596
CH322-120B01	CHORI-322	2L	19024321	19045787
CH322-120B02	CHORI-322	2L	11872833	11893306
CH322-120B03	CHORI-322	2R	1664271	1684400
CH322-120B04	CHORI-322	3L	17636055	17655433
CH322-120B05	CHORI-322	3R	3845113	3865037
CH322-120B06	CHORI-322	3R	27229279	27250945
CH322-120B07	CHORI-322	2L	2827520	2848652
CH322-120B08	CHORI-322	X	12649608	12669607
CH322-120B11	CHORI-322	3R	18404507	18430120
CH322-120B13	CHORI-322	3L	18995422	19015484
CH322-120B16	CHORI-322	3R	12423174	12445701
CH322-120B19	CHORI-322	3R	23187470	23211535
CH322-120B21	CHORI-322	3R	9035540	9055199
CH322-120B24	CHORI-322	2R	17687179	17710253
CH322-120C01	CHORI-322	2R	14227018	14249432
CH322-120C02	CHORI-322	3L	15152391	15173696

CH322-120C03	CHORI-322	X	161236	181398
CH322-120C05	CHORI-322	3R	24598796	24619225
CH322-120C06	CHORI-322	3R	10933923	10953302
CH322-120C08	CHORI-322	X	1012058	1033981
CH322-120C11	CHORI-322	2L	16439019	16461148
CH322-120C13	CHORI-322	X	777792	798533
CH322-120C14	CHORI-322	3R	26002811	26027162
CH322-120C15	CHORI-322	3R	6339650	6359110
CH322-120C18	CHORI-322	3L	6236281	6258561
CH322-120C19	CHORI-322	X	7502788	7525829
CH322-120C20	CHORI-322	2RHet	1831886	1851247
CH322-120C21	CHORI-322	2R	11864878	11885739
CH322-120C22	CHORI-322	3R	19607607	19632189
CH322-120C24	CHORI-322	X	42394	61186
CH322-120D03	CHORI-322	3R	4459590	4482658
CH322-120D04	CHORI-322	X	4524202	4544245
CH322-120D05	CHORI-322	3L	639688	664535
CH322-120D07	CHORI-322	X	6701719	6725510
CH322-120D09	CHORI-322	3L	22374977	22396997
CH322-120D10	CHORI-322	X	9926844	9950494
CH322-120D19	CHORI-322	2R	7629407	7651170
CH322-120D20	CHORI-322	X	16753768	16777440
CH322-120D22	CHORI-322	3R	12090402	12109666
CH322-120D23	CHORI-322	3R	14352095	14374077
CH322-120D24	CHORI-322	2R	9652320	9672493
CH322-120E01	CHORI-322	2L	8687081	8711821
CH322-120E03	CHORI-322	2R	4821153	4842203
CH322-120E09	CHORI-322	2R	14588895	14612790
CH322-120E12	CHORI-322	3L	13462493	13482902
CH322-120E13	CHORI-322	2L	99269	121884
CH322-120E14	CHORI-322	2L	20403415	20427148
CH322-120E17	CHORI-322	2R	825658	846172
CH322-120E18	CHORI-322	2R	12766286	12785373
CH322-120E19	CHORI-322	2L	1794242	1815754
CH322-120E20	CHORI-322	3LHet	1964717	1983934
CH322-120E21	CHORI-322	3LHet	1812386	1832076
CH322-120E22	CHORI-322	2L	6442810	6464072
CH322-120E23	CHORI-322	3L	18079933	18104034
CH322-120E24	CHORI-322	3L	7117745	7139525
CH322-120F02	CHORI-322	X	6595165	6618474
CH322-120F04	CHORI-322	2RHet	460223	480769
CH322-120F06	CHORI-322	2L	4532192	4553744
CH322-120F08	CHORI-322	3R	509881	530362
CH322-120F09	CHORI-322	2R	7582888	7608252
CH322-120F11	CHORI-322	3L	2590337	2611590
CH322-120F12	CHORI-322	3R	476948	498039
CH322-120F14	CHORI-322	3L	16837976	16860128
CH322-120F16	CHORI-322	2L	14563256	14583723
CH322-120F17	CHORI-322	3L	15949456	15970460
CH322-120F19	CHORI-322	3R	24731619	24754712
CH322-120F21	CHORI-322	3R	18881497	18905670
CH322-120F22	CHORI-322	3L	9846069	9867658
CH322-120G02	CHORI-322	2R	6016248	6039140
CH322-120G03	CHORI-322	2L	17261431	17281358

CH322-120G04	CHORI-322	3R	19032495	19054426
CH322-120G06	CHORI-322	2L	12967486	12987026
CH322-120G11	CHORI-322	2R	2895276	2916217
CH322-120G12	CHORI-322	3R	4853106	4871370
CH322-120G14	CHORI-322	2R	734536	757542
CH322-120G15	CHORI-322	X	8732278	8754445
CH322-120G16	CHORI-322	2L	17883590	17905880
CH322-120G20	CHORI-322	2L	8193887	8217743
CH322-120G21	CHORI-322	3R	26642676	26665885
CH322-120G22	CHORI-322	3L	2225394	2251240
CH322-120G23	CHORI-322	2R	13368742	13389933
CH322-120G24	CHORI-322	X	10384884	10406044
CH322-120H01	CHORI-322	3R	3398394	3420219
CH322-120H02	CHORI-322	2L	19524851	19547301
CH322-120H05	CHORI-322	4	1153567	1172967
CH322-120H09	CHORI-322	2R	6797781	6821412
CH322-120H12	CHORI-322	2R	20639612	20666282
CH322-120H13	CHORI-322	3L	20492155	20512961
CH322-120H14	CHORI-322	3L	1195096	1215590
CH322-120H15	CHORI-322	X	13394808	13418612
CH322-120H17	CHORI-322	3R	23467086	23488400
CH322-120H19	CHORI-322	2R	254978	275297
CH322-120H20	CHORI-322	2L	13393353	13414148
CH322-120H21	CHORI-322	3L	9346223	9365821
CH322-120H22	CHORI-322	3L	18719224	18738106
CH322-120H23	CHORI-322	2L	22821509	22844531
CH322-120H24	CHORI-322	3L	18067830	18088578
CH322-120I01	CHORI-322	3R	18992621	19012674
CH322-120I02	CHORI-322	3L	2488612	2509810
CH322-120I03	CHORI-322	ArmU	1573540	1595184
CH322-120I04	CHORI-322	X	2951034	2968137
CH322-120I06	CHORI-322	X	10723380	10748602
CH322-120I07	CHORI-322	3R	24144508	24164279
CH322-120I08	CHORI-322	3R	735268	759952
CH322-120I10	CHORI-322	2R	7942649	7965437
CH322-120I11	CHORI-322	X	21025305	21048170
CH322-120I12	CHORI-322	2L	13687528	13707400
CH322-120I14	CHORI-322	X	19926385	19946198
CH322-120I16	CHORI-322	3R	6006665	6026825
CH322-120I20	CHORI-322	2R	2388405	2413247
CH322-120I21	CHORI-322	3L	15826325	15847062
CH322-120I22	CHORI-322	2R	6871166	6893450
CH322-120I23	CHORI-322	X	4025006	4045927
CH322-120I24	CHORI-322	X	8282577	8304295
CH322-120J01	CHORI-322	2R	1692846	1717976
CH322-120J02	CHORI-322	2R	9404030	9426338
CH322-120J03	CHORI-322	3L	16991192	17013961
CH322-120J04	CHORI-322	X	17264010	17288213
CH322-120J05	CHORI-322	3L	23101817	23121009
CH322-120J07	CHORI-322	3LHet	2094971	2115094
CH322-120J08	CHORI-322	3L	23886748	23907748
CH322-120J09	CHORI-322	X	10786296	10806337
CH322-120J11	CHORI-322	X	14989812	15009957
CH322-120J12	CHORI-322	3LHet	816524	840510

CH322-120J13	CHORI-322	X	739973	760955
CH322-120J14	CHORI-322	2R	4196198	4217396
CH322-120J15	CHORI-322	3R	12200319	12221223
CH322-120J17	CHORI-322	3L	15175085	15195798
CH322-120J18	CHORI-322	3R	2192645	2212544
CH322-120J19	CHORI-322	3L	7535191	7558738
CH322-120J20	CHORI-322	X	4126966	4147337
CH322-120J22	CHORI-322	2R	1222082	1243615
CH322-120J24	CHORI-322	3R	6251646	6272129
CH322-120K01	CHORI-322	X	16437574	16461677
CH322-120K02	CHORI-322	3R	1010002	1033696
CH322-120K03	CHORI-322	3R	7255766	7276165
CH322-120K04	CHORI-322	3L	8519083	8540996
CH322-120K05	CHORI-322	2L	11497638	11520598
CH322-120K07	CHORI-322	3L	453443	475072
CH322-120K08	CHORI-322	X	15392431	15414819
CH322-120K10	CHORI-322	2R	1870783	1891537
CH322-120K11	CHORI-322	X	18467422	18487650
CH322-120K15	CHORI-322	2R	12791777	12811937
CH322-120K19	CHORI-322	2L	17606253	17626197
CH322-120K20	CHORI-322	2L	8198478	8223545
CH322-120K21	CHORI-322	2R	7232580	7256250
CH322-120K23	CHORI-322	3LHet	1228836	1251546
CH322-120K24	CHORI-322	2R	10151466	10174514
CH322-120L01	CHORI-322	2L	8786208	8810536
CH322-120L02	CHORI-322	2R	14818966	14842814
CH322-120L05	CHORI-322	3LHet	2474103	2494993
CH322-120L07	CHORI-322	2R	13612251	13634592
CH322-120L08	CHORI-322	2L	22852361	22873812
CH322-120L10	CHORI-322	2R	2771538	2787534
CH322-120L11	CHORI-322	3R	20206293	20227511
CH322-120L13	CHORI-322	3R	3564657	3588478
CH322-120L15	CHORI-322	3R	16835797	16859082
CH322-120L18	CHORI-322	2R	16573557	16596390
CH322-120L20	CHORI-322	3R	23240140	23261109
CH322-120L22	CHORI-322	3L	23403996	23424586
CH322-120L23	CHORI-322	3R	11297928	11320453
CH322-120L24	CHORI-322	3L	12778511	12800041
CH322-120M03	CHORI-322	X	13912168	13936224
CH322-120M04	CHORI-322	2R	18791341	18814119
CH322-120M05	CHORI-322	3R	3881536	3904753
CH322-120M07	CHORI-322	2R	10558064	10577115
CH322-120M10	CHORI-322	X	13071996	13091210
CH322-120M11	CHORI-322	3L	13718904	13742280
CH322-120M12	CHORI-322	3L	10924622	10947014
CH322-120M15	CHORI-322	X	5047465	5070639
CH322-120M16	CHORI-322	3R	4808951	4834603
CH322-120M17	CHORI-322	3R	3999301	4018586
CH322-120M18	CHORI-322	3L	456523	480445
CH322-120M19	CHORI-322	2L	11090119	11111928
CH322-120M21	CHORI-322	X	11790420	11811713
CH322-120M22	CHORI-322	X	9441562	9464045
CH322-120M24	CHORI-322	X	712587	736747
CH322-120N01	CHORI-322	3R	23527015	23548298

CH322-120N03	CHORI-322	2L	13795546	13815056
CH322-120N07	CHORI-322	3L	17830028	17852020
CH322-120N09	CHORI-322	2L	14633048	14654145
CH322-120N11	CHORI-322	2R	8684979	8706158
CH322-120N12	CHORI-322	3L	21168324	21189598
CH322-120N16	CHORI-322	2R	7515600	7535109
CH322-120N17	CHORI-322	2L	18798226	18820251
CH322-120N18	CHORI-322	3R	18590688	18612515
CH322-120N19	CHORI-322	3R	4841963	4863880
CH322-120N20	CHORI-322	X	11441376	11461400
CH322-120N21	CHORI-322	2R	9556470	9580436
CH322-120N22	CHORI-322	X	9021756	9042611
CH322-120O02	CHORI-322	3R	19858499	19878978
CH322-120O03	CHORI-322	2L	1405111	1425827
CH322-120O05	CHORI-322	2R	14328922	14349058
CH322-120O06	CHORI-322	3LHet	380936	401913
CH322-120O07	CHORI-322	3R	6024837	6045717
CH322-120O08	CHORI-322	2R	8235762	8259226
CH322-120O09	CHORI-322	2L	6633359	6654410
CH322-120O10	CHORI-322	3R	16451175	16475180
CH322-120O12	CHORI-322	2R	18113299	18133432
CH322-120O13	CHORI-322	2R	9779703	9804002
CH322-120O14	CHORI-322	ArmU	920198	942837
CH322-120O15	CHORI-322	3R	19591796	19614214
CH322-120O16	CHORI-322	X	14429488	14452713
CH322-120O17	CHORI-322	2L	18209152	18230836
CH322-120O19	CHORI-322	X	7728815	7752220
CH322-120O20	CHORI-322	X	6320473	6344206
CH322-120O21	CHORI-322	2R	19348360	19370654
CH322-120O22	CHORI-322	3R	27305344	27325429
CH322-120O24	CHORI-322	3R	25788171	25812733
CH322-120P02	CHORI-322	X	6841532	6864731
CH322-120P03	CHORI-322	3L	4419388	4442320
CH322-120P04	CHORI-322	2L	10398305	10419320
CH322-120P05	CHORI-322	3R	1462041	1484850
CH322-120P06	CHORI-322	3R	27562110	27586655
CH322-120P07	CHORI-322	2L	957013	978936
CH322-120P09	CHORI-322	2R	3764074	3786783
CH322-120P10	CHORI-322	X	17137185	17160032
CH322-120P13	CHORI-322	2L	22689191	22712248
CH322-120P14	CHORI-322	3RHet	606642	627353
CH322-120P16	CHORI-322	3L	11822827	11845485
CH322-120P17	CHORI-322	3L	20337663	20357083
CH322-120P19	CHORI-322	2R	16436805	16460974
CH322-120P21	CHORI-322	3R	16990671	17014184
CH322-120P22	CHORI-322	3R	20002060	20024152
CH322-120P23	CHORI-322	3L	16284674	16306422
CH322-121A01	CHORI-322	X	20919107	20938012
CH322-121A02	CHORI-322	2L	20834132	20853627
CH322-121A04	CHORI-322	X	21943988	21963297
CH322-121A08	CHORI-322	3R	2845015	2865521
CH322-121A09	CHORI-322	3R	9709650	9727972
CH322-121A10	CHORI-322	2R	5516350	5537868
CH322-121A12	CHORI-322	2R	9892956	9915447

CH322-121A13	CHORI-322	3L	3464324	3484307
CH322-121A14	CHORI-322	2R	5919905	5939927
CH322-121A15	CHORI-322	3L	5918011	5940028
CH322-121A16	CHORI-322	2L	13566562	13586175
CH322-121A17	CHORI-322	2R	1560833	1579236
CH322-121A19	CHORI-322	2L	14027572	14046483
CH322-121A20	CHORI-322	X	9717655	9739316
CH322-121A21	CHORI-322	3R	19299994	19318945
CH322-121A22	CHORI-322	X	9717658	9739316
CH322-121A23	CHORI-322	3R	9690338	9711514
CH322-121A24	CHORI-322	X	5919248	5939826
CH322-121B01	CHORI-322	2R	20315442	20333119
CH322-121B02	CHORI-322	3L	24356268	24379304
CH322-121B05	CHORI-322	3R	13792694	13813279
CH322-121B06	CHORI-322	3R	19911307	19929823
CH322-121B07	CHORI-322	2R	12279274	12302745
CH322-121B10	CHORI-322	3R	7151616	7173774
CH322-121B11	CHORI-322	3R	19641044	19660747
CH322-121B12	CHORI-322	X	5253795	5273731
CH322-121B13	CHORI-322	3R	12322705	12339769
CH322-121B15	CHORI-322	3R	13487368	13509886
CH322-121B16	CHORI-322	3R	2342794	2360274
CH322-121B18	CHORI-322	X	13237606	13258518
CH322-121B21	CHORI-322	X	7861239	7879661
CH322-121B22	CHORI-322	3L	7713636	7732562
CH322-121B23	CHORI-322	X	15994011	16012976
CH322-121B24	CHORI-322	2L	18714320	18737226
CH322-121C01	CHORI-322	2L	4577796	4597887
CH322-121C02	CHORI-322	3L	19121649	19143404
CH322-121C03	CHORI-322	2L	179025	197873
CH322-121C04	CHORI-322	2R	2802522	2823736
CH322-121C05	CHORI-322	2R	473942	495228
CH322-121C06	CHORI-322	3R	23427007	23443751
CH322-121C08	CHORI-322	3L	3816874	3834585
CH322-121C09	CHORI-322	3L	11863380	11886328
CH322-121C12	CHORI-322	4	787228	807721
CH322-121C13	CHORI-322	3R	18590489	18607940
CH322-121C14	CHORI-322	3R	23479905	23500946
CH322-121C15	CHORI-322	2L	5332750	5352164
CH322-121C16	CHORI-322	3L	6688124	6709421
CH322-121C17	CHORI-322	2L	10535095	10557132
CH322-121C19	CHORI-322	3R	6374548	6393781
CH322-121C20	CHORI-322	2L	19428601	19445645
CH322-121C21	CHORI-322	2L	10282051	10301726
CH322-121C22	CHORI-322	3R	18173628	18191097
CH322-121C23	CHORI-322	2R	4570525	4590648
CH322-121D01	CHORI-322	3L	6665062	6688124
CH322-121D04	CHORI-322	2L	5408972	5427632
CH322-121D05	CHORI-322	3R	7953154	7970625
CH322-121D06	CHORI-322	2L	8495508	8518728
CH322-121D08	CHORI-322	3R	24226854	24244996
CH322-121D09	CHORI-322	2R	7051018	7071094
CH322-121D10	CHORI-322	2L	8846241	8866977
CH322-121D13	CHORI-322	X	7133332	7152161

CH322-121D14	CHORI-322	3R	17502930	17524701
CH322-121D16	CHORI-322	3R	23814332	23831955
CH322-121D17	CHORI-322	3R	20086442	20106639
CH322-121D18	CHORI-322	3R	7440206	7461263
CH322-121D19	CHORI-322	2L	7138114	7156675
CH322-121D21	CHORI-322	2L	6226624	6247620
CH322-121D23	CHORI-322	2R	989917	1008993
CH322-121D24	CHORI-322	2R	19700596	19718007
CH322-121E01	CHORI-322	ArmU	173254	194008
CH322-121E02	CHORI-322	2L	16464384	16484468
CH322-121E03	CHORI-322	X	13507189	13527998
CH322-121E04	CHORI-322	2R	17108184	17128918
CH322-121E05	CHORI-322	2R	8350735	8371857
CH322-121E06	CHORI-322	3R	20243250	20265176
CH322-121E07	CHORI-322	3R	5706901	5729384
CH322-121E08	CHORI-322	2R	12490389	12511374
CH322-121E09	CHORI-322	3R	1222448	1243446
CH322-121E11	CHORI-322	2R	8362429	8386387
CH322-121E12	CHORI-322	2L	22873817	22891320
CH322-121E13	CHORI-322	3R	24089444	24109524
CH322-121E14	CHORI-322	2L	6544545	6565589
CH322-121E15	CHORI-322	2L	9837810	9860581
CH322-121E16	CHORI-322	3L	5669519	5688932
CH322-121E17	CHORI-322	3R	14874401	14896300
CH322-121E18	CHORI-322	3R	15214243	15231692
CH322-121E19	CHORI-322	X	21354789	21377025
CH322-121E20	CHORI-322	2L	10393480	10412419
CH322-121E21	CHORI-322	3L	22531293	22549181
CH322-121E23	CHORI-322	3L	15984780	16004297
CH322-121E24	CHORI-322	2R	12984426	13001678
CH322-121F02	CHORI-322	3R	15389663	15410381
CH322-121F03	CHORI-322	2L	738500	759579
CH322-121F04	CHORI-322	2RHet	555482	577068
CH322-121F05	CHORI-322	2R	15082844	15101855
CH322-121F06	CHORI-322	3R	13770664	13791130
CH322-121F07	CHORI-322	2R	10543148	10563166
CH322-121F08	CHORI-322	2R	11143786	11164500
CH322-121F09	CHORI-322	2R	1765138	1788991
CH322-121F10	CHORI-322	X	18998888	19022878
CH322-121F14	CHORI-322	2R	1687566	1705117
CH322-121F15	CHORI-322	2R	19868147	19886465
CH322-121F16	CHORI-322	3L	19200931	19220277
CH322-121F17	CHORI-322	3L	21046299	21065480
CH322-121F18	CHORI-322	3LHet	274164	294287
CH322-121F19	CHORI-322	3R	9605805	9624154
CH322-121F20	CHORI-322	X	9799764	9820612
CH322-121F22	CHORI-322	2R	20207757	20227671
CH322-121F23	CHORI-322	3L	14454664	14478250
CH322-121F24	CHORI-322	2R	12557504	12581194
CH322-121G02	CHORI-322	X	18820212	18836828
CH322-121G05	CHORI-322	2R	13961870	13983596
CH322-121G06	CHORI-322	3R	4184172	4202543
CH322-121G07	CHORI-322	3L	3093172	3113268
CH322-121G08	CHORI-322	3R	25512354	25530398

CH322-121G10	CHORI-322	2L	8252772	8273452
CH322-121G11	CHORI-322	3L	21434075	21452107
CH322-121G12	CHORI-322	2L	2671352	2696126
CH322-121G14	CHORI-322	2L	4133027	4150168
CH322-121G15	CHORI-322	2R	19706027	19726934
CH322-121G17	CHORI-322	3L	13199429	13221455
CH322-121G18	CHORI-322	3L	11729025	11748890
CH322-121G19	CHORI-322	2L	1551158	1572084
CH322-121G20	CHORI-322	3L	18954333	18974391
CH322-121G21	CHORI-322	3L	13748323	13770673
CH322-121G23	CHORI-322	3L	23102272	23122679
CH322-121G24	CHORI-322	X	8299130	8319945
CH322-121H01	CHORI-322	3R	16267481	16287345
CH322-121H02	CHORI-322	3L	3275936	3295885
CH322-121H03	CHORI-322	3R	19723306	19745520
CH322-121H04	CHORI-322	2L	11805664	11827712
CH322-121H06	CHORI-322	X	3581475	3600445
CH322-121H07	CHORI-322	2R	9356990	9377848
CH322-121H08	CHORI-322	X	7903619	7924240
CH322-121H09	CHORI-322	2R	15872510	15892058
CH322-121H11	CHORI-322	3R	16065161	16084100
CH322-121H12	CHORI-322	2R	15899386	15922990
CH322-121H13	CHORI-322	2L	14259231	14278465
CH322-121H15	CHORI-322	3L	18082394	18103094
CH322-121H17	CHORI-322	3L	12059775	12080173
CH322-121H18	CHORI-322	2L	17836526	17859452
CH322-121H19	CHORI-322	2L	13961519	13983445
CH322-121H20	CHORI-322	3R	19198580	19217626
CH322-121H22	CHORI-322	3R	15004778	15026239
CH322-121H23	CHORI-322	3L	2850292	2869840
CH322-121H24	CHORI-322	2L	3385586	3405660
CH322-121I01	CHORI-322	2L	5563473	5583916
CH322-121I03	CHORI-322	2L	5563473	5583916
CH322-121I04	CHORI-322	3R	18338550	18358617
CH322-121I06	CHORI-322	3R	26824099	26845109
CH322-121I07	CHORI-322	2R	19659009	19677251
CH322-121I08	CHORI-322	3L	3935697	3955470
CH322-121I09	CHORI-322	2R	14279682	14301892
CH322-121I10	CHORI-322	3R	16339777	16362584
CH322-121I12	CHORI-322	3R	11862732	11884169
CH322-121I13	CHORI-322	3L	13746245	13769361
CH322-121I14	CHORI-322	3L	18056954	18075041
CH322-121I16	CHORI-322	X	10929419	10946487
CH322-121I19	CHORI-322	2R	13532804	13555629
CH322-121I20	CHORI-322	3L	18919016	18940541
CH322-121I24	CHORI-322	2L	4766866	4786697
CH322-121J01	CHORI-322	3L	10277540	10298797
CH322-121J02	CHORI-322	3L	2030061	2053774
CH322-121J03	CHORI-322	3R	7649015	7670940
CH322-121J04	CHORI-322	X	12281179	12301499
CH322-121J05	CHORI-322	2L	9025686	9044902
CH322-121J06	CHORI-322	3L	2512999	2530046
CH322-121J07	CHORI-322	3L	9889372	9907548
CH322-121J08	CHORI-322	3L	134437	156077

CH322-121J09	CHORI-322	3R	5201948	5220960
CH322-121J10	CHORI-322	3R	23318245	23342629
CH322-121J14	CHORI-322	2L	8576431	8594639
CH322-121J16	CHORI-322	3L	10134936	10156642
CH322-121J17	CHORI-322	3R	19730790	19752960
CH322-121J19	CHORI-322	2R	18380496	18400524
CH322-121J20	CHORI-322	2L	10546142	10566634
CH322-121J21	CHORI-322	X	17407818	17428249
CH322-121J23	CHORI-322	2L	12790985	12812828
CH322-121J24	CHORI-322	3L	19124178	19145007
CH322-121K01	CHORI-322	3L	24112362	24132337
CH322-121K04	CHORI-322	3L	24092732	24113903
CH322-121K05	CHORI-322	3L	23053347	23073766
CH322-121K06	CHORI-322	3L	6322322	6339794
CH322-121K08	CHORI-322	3R	2074852	2095085
CH322-121K11	CHORI-322	2L	5749694	5766805
CH322-121K15	CHORI-322	X	19898246	19919581
CH322-121K16	CHORI-322	3R	17077739	17093985
CH322-121K21	CHORI-322	3R	13534914	13554745
CH322-121K23	CHORI-322	X	13051971	13072278
CH322-121L01	CHORI-322	3L	15358298	15376522
CH322-121L02	CHORI-322	2L	4723548	4744138
CH322-121L03	CHORI-322	2L	10751612	10774547
CH322-121L04	CHORI-322	X	12051343	12070405
CH322-121L06	CHORI-322	2R	15844079	15864615
CH322-121L07	CHORI-322	2R	20099374	20117924
CH322-121L08	CHORI-322	X	7890962	7910267
CH322-121L09	CHORI-322	2R	14445574	14468149
CH322-121L10	CHORI-322	2L	5840857	5860629
CH322-121L11	CHORI-322	2L	14743044	14766908
CH322-121L12	CHORI-322	3R	24529530	24551082
CH322-121L14	CHORI-322	X	6359781	6379904
CH322-121L15	CHORI-322	X	7365170	7384623
CH322-121L19	CHORI-322	2R	2621645	2642336
CH322-121L21	CHORI-322	3L	1065486	1087506
CH322-121L22	CHORI-322	2R	11554151	11571149
CH322-121L23	CHORI-322	X	10473721	10494401
CH322-121M01	CHORI-322	2L	5164164	5185146
CH322-121M02	CHORI-322	X	713418	734966
CH322-121M03	CHORI-322	2L	10173572	10191285
CH322-121M04	CHORI-322	3R	6621664	6638342
CH322-121M05	CHORI-322	3L	11746570	11767164
CH322-121M06	CHORI-322	2L	9166969	9187438
CH322-121M07	CHORI-322	3R	8836661	8860317
CH322-121M09	CHORI-322	3L	1247704	1269490
CH322-121M10	CHORI-322	3R	9394268	9413402
CH322-121M11	CHORI-322	3R	2550701	2570181
CH322-121M14	CHORI-322	3L	13623781	13645904
CH322-121M15	CHORI-322	2L	16414538	16435557
CH322-121M18	CHORI-322	3R	967737	986136
CH322-121M19	CHORI-322	2L	18112513	18132322
CH322-121M20	CHORI-322	3R	12804877	12824801
CH322-121M21	CHORI-322	3R	25284916	25304983
CH322-121M22	CHORI-322	2R	19965911	19987457

CH322-121M23	CHORI-322	X	19860205	19878753
CH322-121M24	CHORI-322	2R	10532365	10552492
CH322-121N01	CHORI-322	3L	4939310	4959525
CH322-121N02	CHORI-322	2R	13825305	13843795
CH322-121N03	CHORI-322	2R	5063109	5081308
CH322-121N04	CHORI-322	2L	21088636	21110509
CH322-121N05	CHORI-322	2R	5889362	5911773
CH322-121N06	CHORI-322	3R	13792689	13812777
CH322-121N07	CHORI-322	2R	6810342	6832502
CH322-121N08	CHORI-322	X	9508221	9527777
CH322-121N09	CHORI-322	2R	12210995	12228508
CH322-121N10	CHORI-322	2L	9043622	9064603
CH322-121N11	CHORI-322	2R	13259472	13279983
CH322-121N17	CHORI-322	2L	18884112	18902531
CH322-121N18	CHORI-322	3L	3906091	3924992
CH322-121N20	CHORI-322	3R	17118925	17138459
CH322-121N22	CHORI-322	2RHet	359260	380271
CH322-121N24	CHORI-322	2L	13543789	13563966
CH322-121O01	CHORI-322	2L	10011492	10031935
CH322-121O02	CHORI-322	2L	16582919	16605046
CH322-121O03	CHORI-322	3L	10243873	10265384
CH322-121O04	CHORI-322	3L	22459077	22481771
CH322-121O05	CHORI-322	3L	21038591	21060948
CH322-121O06	CHORI-322	2L	1388594	1409829
CH322-121O07	CHORI-322	4	823125	842198
CH322-121O08	CHORI-322	2L	15999396	16018892
CH322-121O09	CHORI-322	3R	13271676	13293271
CH322-121O10	CHORI-322	2L	13387653	13408048
CH322-121O11	CHORI-322	3R	4900134	4919456
CH322-121O13	CHORI-322	3R	4613178	4632750
CH322-121O15	CHORI-322	2R	7995416	8013772
CH322-121O17	CHORI-322	X	12880070	12898361
CH322-121O18	CHORI-322	2L	9547644	9571791
CH322-121O22	CHORI-322	3R	19653857	19674917
CH322-121O23	CHORI-322	3L	22239943	22258953
CH322-121O24	CHORI-322	2R	14018367	14040948
CH322-121P02	CHORI-322	3L	5666598	5687859
CH322-121P03	CHORI-322	2R	3165388	3183229
CH322-121P04	CHORI-322	2R	15750317	15772642
CH322-121P05	CHORI-322	3R	7004210	7025430
CH322-121P06	CHORI-322	2R	12354674	12374996
CH322-121P07	CHORI-322	3R	12358489	12375556
CH322-121P08	CHORI-322	2L	5298390	5320620
CH322-121P11	CHORI-322	3R	15947684	15965741
CH322-121P12	CHORI-322	3L	3560114	3582567
CH322-121P13	CHORI-322	3L	715437	733871
CH322-121P14	CHORI-322	2R	16462052	16481363
CH322-121P16	CHORI-322	3L	1210956	1231692
CH322-121P17	CHORI-322	2L	1199752	1218755
CH322-121P18	CHORI-322	3L	7773065	7793567
CH322-121P19	CHORI-322	X	3261514	3278933
CH322-121P20	CHORI-322	2RHet	533152	552282
CH322-121P21	CHORI-322	2R	9510737	9530340
CH322-121P22	CHORI-322	2R	12334180	12354086

CH322-121P23	CHORI-322	X	3191862	3215106
CH322-121P24	CHORI-322	X	151215	170743
CH322-122A02	CHORI-322	3L	16160143	16181149
CH322-122A03	CHORI-322	3R	15997022	16018236
CH322-122A05	CHORI-322	3L	6343809	6361769
CH322-122A06	CHORI-322	X	8508241	8530782
CH322-122A08	CHORI-322	3L	13683759	13703603
CH322-122A09	CHORI-322	2L	14933604	14954054
CH322-122A10	CHORI-322	3R	10237627	10260949
CH322-122A11	CHORI-322	3R	16209053	16228876
CH322-122A12	CHORI-322	3L	4038117	4061643
CH322-122A13	CHORI-322	3L	21404102	21424934
CH322-122A14	CHORI-322	3R	5749036	5770559
CH322-122A15	CHORI-322	3L	2538491	2558192
CH322-122A17	CHORI-322	X	9373186	9393892
CH322-122A18	CHORI-322	3R	5021982	5039844
CH322-122A20	CHORI-322	2L	19359737	19380481
CH322-122A21	CHORI-322	X	18775573	18794143
CH322-122A22	CHORI-322	3L	9442580	9466579
CH322-122B01	CHORI-322	X	21004630	21028746
CH322-122B02	CHORI-322	3R	27319897	27343004
CH322-122B03	CHORI-322	3L	12621920	12640479
CH322-122B04	CHORI-322	X	12907702	12925839
CH322-122B05	CHORI-322	2R	5765044	5785470
CH322-122B06	CHORI-322	3L	693509	715062
CH322-122B07	CHORI-322	2R	15906916	15927969
CH322-122B08	CHORI-322	3R	20220685	20239651
CH322-122B11	CHORI-322	3R	3627734	3650374
CH322-122B13	CHORI-322	2R	631643	648183
CH322-122B15	CHORI-322	3L	6538962	6559492
CH322-122B16	CHORI-322	X	19174602	19195180
CH322-122B18	CHORI-322	X	19329179	19349012
CH322-122B22	CHORI-322	X	21942567	21963303
CH322-122B23	CHORI-322	2R	10072743	10093918
CH322-122B24	CHORI-322	2L	19603111	19620996
CH322-122C01	CHORI-322	2L	11656225	11679757
CH322-122C02	CHORI-322	2R	15193504	15212073
CH322-122C03	CHORI-322	3L	3529800	3550611
CH322-122C04	CHORI-322	2L	9704561	9724532
CH322-122C05	CHORI-322	2R	10185540	10205896
CH322-122C06	CHORI-322	3R	6337021	6357758
CH322-122C08	CHORI-322	3L	18294179	18313843
CH322-122C09	CHORI-322	3L	19945267	19967779
CH322-122C11	CHORI-322	X	3294740	3312980
CH322-122C12	CHORI-322	3R	2027486	2046642
CH322-122C14	CHORI-322	X	7363591	7382971
CH322-122C17	CHORI-322	3LHet	1419096	1438772
CH322-122C18	CHORI-322	3R	23163483	23184558
CH322-122C19	CHORI-322	2R	12901463	12922788
CH322-122C20	CHORI-322	3L	6524990	6546219
CH322-122C21	CHORI-322	3L	7282623	7302742
CH322-122C22	CHORI-322	X	13536493	13554984
CH322-122C23	CHORI-322	X	5251017	5271441
CH322-122D01	CHORI-322	2L	16490276	16511358

CH322-122D02	CHORI-322	3R	18881641	18903532
CH322-122D03	CHORI-322	3L	13089388	13108662
CH322-122D04	CHORI-322	X	9522343	9541431
CH322-122D06	CHORI-322	3R	20259437	20284559
CH322-122D07	CHORI-322	3L	1902741	1920446
CH322-122D09	CHORI-322	2L	8200384	8221872
CH322-122D11	CHORI-322	2L	3674995	3694698
CH322-122D12	CHORI-322	2L	15856140	15877644
CH322-122D14	CHORI-322	X	10282929	10300378
CH322-122D16	CHORI-322	3R	11191522	11213148
CH322-122D17	CHORI-322	2L	22940279	22959097
CH322-122D18	CHORI-322	3R	23756469	23775192
CH322-122D20	CHORI-322	3L	2572870	2595421
CH322-122D21	CHORI-322	2L	17622541	17641379
CH322-122D23	CHORI-322	2L	4062654	4083762
CH322-122D24	CHORI-322	X	15544677	15562896
CH322-122E01	CHORI-322	2L	2040068	2060886
CH322-122E04	CHORI-322	3L	22780225	22802449
CH322-122E07	CHORI-322	X	12724838	12746432
CH322-122E08	CHORI-322	3L	8089508	8112496
CH322-122E10	CHORI-322	2R	3359103	3377492
CH322-122E12	CHORI-322	3R	21616831	21633853
CH322-122E17	CHORI-322	2R	11599538	11621743
CH322-122E18	CHORI-322	2R	6580183	6598934
CH322-122E19	CHORI-322	2R	10463778	10484967
CH322-122E20	CHORI-322	2R	20588153	20608145
CH322-122E21	CHORI-322	3R	16905549	16926483
CH322-122E22	CHORI-322	2L	1288500	1309710
CH322-122E24	CHORI-322	2L	6284094	6303069
CH322-122F01	CHORI-322	X	9804665	9823538
CH322-122F03	CHORI-322	X	12865772	12885619
CH322-122F04	CHORI-322	2R	20151376	20170853
CH322-122F07	CHORI-322	2L	213816	231996
CH322-122F08	CHORI-322	2L	14732858	14750900
CH322-122F09	CHORI-322	2R	9038381	9060655
CH322-122F10	CHORI-322	3R	19686392	19706045
CH322-122F12	CHORI-322	4	1111233	1130522
CH322-122F13	CHORI-322	2L	19207254	19226048
CH322-122F15	CHORI-322	2L	11237644	11258516
CH322-122F17	CHORI-322	3L	11256105	11275780
CH322-122F19	CHORI-322	2R	5605437	5626351
CH322-122F21	CHORI-322	2R	9070215	9090857
CH322-122F22	CHORI-322	2R	11652472	11674186
CH322-122F23	CHORI-322	3L	10845305	10866256
CH322-122F24	CHORI-322	2L	5839238	5857686
CH322-122G01	CHORI-322	3R	16015550	16035262
CH322-122G02	CHORI-322	3L	22755856	22774864
CH322-122G03	CHORI-322	2R	1327104	1344433
CH322-122G04	CHORI-322	3R	25231634	25254655
CH322-122G06	CHORI-322	2L	11657791	11678659
CH322-122G14	CHORI-322	3R	18483390	18504279
CH322-122G17	CHORI-322	3R	27644662	27665717
CH322-122G19	CHORI-322	2RHet	3165093	3180963
CH322-122G20	CHORI-322	2R	20443471	20463889

CH322-122G21	CHORI-322	3R	10674772	10695548
CH322-122G23	CHORI-322	2R	11910022	11929847
CH322-122G24	CHORI-322	3R	8660030	8678791
CH322-122H01	CHORI-322	2L	13516243	13535018
CH322-122H02	CHORI-322	X	157421	176478
CH322-122H03	CHORI-322	3L	10233963	10253156
CH322-122H04	CHORI-322	2L	22125753	22142884
CH322-122H09	CHORI-322	2R	1603096	1620511
CH322-122H12	CHORI-322	2R	496247	518179
CH322-122H17	CHORI-322	3L	1614525	1634651
CH322-122H19	CHORI-322	2L	3281324	3301221
CH322-122H20	CHORI-322	3L	4362858	4384377
CH322-122H21	CHORI-322	X	13581412	13604122
CH322-122H22	CHORI-322	3LHet	2211063	2231232
CH322-122H24	CHORI-322	3L	543199	562927
CH322-122I01	CHORI-322	2L	5507833	5527383
CH322-122I02	CHORI-322	3L	1363381	1381835
CH322-122I03	CHORI-322	3L	3961973	3981412
CH322-122I06	CHORI-322	3LHet	688757	709324
CH322-122I09	CHORI-322	3R	21280876	21300101
CH322-122I14	CHORI-322	3R	24301749	24322187
CH322-122I21	CHORI-322	3R	9796940	9816063
CH322-122I23	CHORI-322	3L	15860430	15878355
CH322-122I24	CHORI-322	3R	20299352	20322623
CH322-122J02	CHORI-322	3L	10887223	10907385
CH322-122J03	CHORI-322	2L	18802313	18821717
CH322-122J05	CHORI-322	3R	14819753	14842598
CH322-122J06	CHORI-322	2L	13522523	13542847
CH322-122J09	CHORI-322	X	12891700	12912140
CH322-122J13	CHORI-322	3R	13246334	13266190
CH322-122J14	CHORI-322	2L	11413838	11432972
CH322-122J17	CHORI-322	3R	2217844	2238659
CH322-122J19	CHORI-322	2R	18411507	18434927
CH322-122J20	CHORI-322	X	8729643	8750629
CH322-122J21	CHORI-322	2R	3001421	3021007
CH322-122J24	CHORI-322	2L	6832594	6856830
CH322-122K02	CHORI-322	3R	2885406	2906327
CH322-122K05	CHORI-322	2L	22374361	22391491
CH322-122K07	CHORI-322	2R	8817677	8838718
CH322-122K08	CHORI-322	X	11386030	11405604
CH322-122K10	CHORI-322	3L	15756234	15778980
CH322-122K14	CHORI-322	X	11062389	11082270
CH322-122K18	CHORI-322	3R	7786050	7808632
CH322-122K21	CHORI-322	3R	14338062	14357875
CH322-122K22	CHORI-322	3R	7290284	7312056
CH322-122K23	CHORI-322	2L	22275955	22298072
CH322-122K24	CHORI-322	2R	18126235	18147981
CH322-122L01	CHORI-322	2L	14860776	14881004
CH322-122L02	CHORI-322	3R	20425132	20442627
CH322-122L03	CHORI-322	X	19965734	19986020
CH322-122L04	CHORI-322	X	1890023	1912817
CH322-122L06	CHORI-322	2L	4460399	4480720
CH322-122L07	CHORI-322	X	13239526	13257845
CH322-122L08	CHORI-322	X	17699767	17720785

CH322-122L10	CHORI-322	2L	7455551	7475360
CH322-122L11	CHORI-322	3R	9985673	10007814
CH322-122L13	CHORI-322	3R	15896330	15915101
CH322-122L16	CHORI-322	X	21126761	21148965
CH322-122L17	CHORI-322	4	301160	320976
CH322-122L18	CHORI-322	3R	18819518	18837772
CH322-122L21	CHORI-322	X	5660636	5678739
CH322-122L22	CHORI-322	X	1661323	1680356
CH322-122L23	CHORI-322	X	4222384	4243470
CH322-122L24	CHORI-322	X	3294743	3312980
CH322-122M02	CHORI-322	2L	7615036	7636123
CH322-122M03	CHORI-322	2R	13398995	13417599
CH322-122M04	CHORI-322	2L	961520	981291
CH322-122M06	CHORI-322	3L	7905800	7924657
CH322-122M07	CHORI-322	2L	206836	227417
CH322-122M09	CHORI-322	X	8230104	8248687
CH322-122M13	CHORI-322	2R	17849791	17867922
CH322-122M14	CHORI-322	3L	17745798	17765978
CH322-122M15	CHORI-322	2L	19472997	19491777
CH322-122M16	CHORI-322	3L	2136862	2158531
CH322-122M17	CHORI-322	3R	17015950	17037849
CH322-122M19	CHORI-322	3R	19587432	19608379
CH322-122M21	CHORI-322	2L	1600820	1619417
CH322-122M22	CHORI-322	3R	25259767	25277699
CH322-122M23	CHORI-322	2L	17176851	17198413
CH322-122M24	CHORI-322	X	21141145	21161353
CH322-122N01	CHORI-322	2L	9223217	9245839
CH322-122N02	CHORI-322	X	16894696	16911752
CH322-122N03	CHORI-322	3L	496544	517448
CH322-122N04	CHORI-322	3L	419356	440143
CH322-122N05	CHORI-322	2L	9235517	9258250
CH322-122N06	CHORI-322	3R	15551025	15571061
CH322-122N08	CHORI-322	X	762477	780704
CH322-122N10	CHORI-322	2R	10009784	10030817
CH322-122N11	CHORI-322	3L	1898389	1919161
CH322-122N13	CHORI-322	2L	5633798	5651625
CH322-122N15	CHORI-322	3L	4042492	4065601
CH322-122N20	CHORI-322	3R	21459545	21484315
CH322-122N22	CHORI-322	3R	13114571	13135423
CH322-122N23	CHORI-322	3L	20841912	20864380
CH322-122N24	CHORI-322	3R	2192368	2214115
CH322-122O03	CHORI-322	2L	3691255	3711615
CH322-122O04	CHORI-322	3R	20361864	20380451
CH322-122O06	CHORI-322	3L	19186791	19210474
CH322-122O07	CHORI-322	3L	17257375	17278225
CH322-122O08	CHORI-322	3R	22861204	22882652
CH322-122O11	CHORI-322	2R	17719821	17739645
CH322-122O12	CHORI-322	2L	17581953	17601811
CH322-122O13	CHORI-322	2R	14660611	14679947
CH322-122O16	CHORI-322	3R	15126284	15148803
CH322-122O17	CHORI-322	3LHet	1176140	1196009
CH322-122O19	CHORI-322	X	14189556	14210448
CH322-122O20	CHORI-322	X	3309839	3330358
CH322-122O22	CHORI-322	3R	15402211	15423279

CH322-122P03	CHORI-322	2L	15003819	15023700
CH322-122P05	CHORI-322	3L	17253936	17272603
CH322-122P07	CHORI-322	2L	12859675	12879964
CH322-122P09	CHORI-322	3L	14254679	14274497
CH322-122P10	CHORI-322	3L	5515751	5536476
CH322-122P11	CHORI-322	X	2418986	2436489
CH322-122P12	CHORI-322	3R	5646767	5669791
CH322-122P13	CHORI-322	3R	19468092	19488278
CH322-122P14	CHORI-322	2L	13504397	13524045
CH322-122P15	CHORI-322	2L	571591	589827
CH322-122P16	CHORI-322	2L	8488008	8505653
CH322-122P18	CHORI-322	X	2167950	2186507
CH322-122P20	CHORI-322	3R	3850234	3868966
CH322-122P24	CHORI-322	3R	9981840	10003377
CH322-123A02	CHORI-322	3LHet	1238332	1256628
CH322-123A03	CHORI-322	2L	6882583	6902993
CH322-123A04	CHORI-322	2RHet	3048642	3068456
CH322-123A05	CHORI-322	3L	22911664	22932158
CH322-123A06	CHORI-322	3L	12977619	12997950
CH322-123A07	CHORI-322	3R	25096234	25116134
CH322-123A08	CHORI-322	X	9119666	9141035
CH322-123A09	CHORI-322	3R	13746888	13767494
CH322-123A11	CHORI-322	3R	14583833	14603289
CH322-123A12	CHORI-322	2L	13735958	13757958
CH322-123A13	CHORI-322	3R	21807269	21828623
CH322-123A14	CHORI-322	3L	2796943	2815750
CH322-123A15	CHORI-322	3R	2019037	2038686
CH322-123A16	CHORI-322	2L	15979692	16002640
CH322-123A17	CHORI-322	3R	3946379	3966074
CH322-123A18	CHORI-322	X	10740431	10759164
CH322-123A19	CHORI-322	3R	26040778	26060155
CH322-123A20	CHORI-322	3R	3217483	3235838
CH322-123A21	CHORI-322	3L	6838132	6858303
CH322-123A22	CHORI-322	3R	15417637	15440955
CH322-123A23	CHORI-322	3R	14130446	14151187
CH322-123A24	CHORI-322	2R	19455882	19474718
CH322-123B04	CHORI-322	3L	5706596	5725291
CH322-123B05	CHORI-322	3L	12965104	12985968
CH322-123B06	CHORI-322	2L	21660766	21681226
CH322-123B08	CHORI-322	2L	19126566	19148760
CH322-123B09	CHORI-322	2RHet	519081	538347
CH322-123B10	CHORI-322	X	12607123	12629430
CH322-123B11	CHORI-322	2L	15229871	15251562
CH322-123B13	CHORI-322	3L	18643643	18664484
CH322-123B14	CHORI-322	3L	7244241	7265598
CH322-123B15	CHORI-322	2R	20501257	20523766
CH322-123B16	CHORI-322	3R	23825501	23845229
CH322-123B17	CHORI-322	2L	10215200	10234302
CH322-123B18	CHORI-322	3R	13110833	13132573
CH322-123B19	CHORI-322	X	1015671	1038053
CH322-123B20	CHORI-322	3L	17908991	17929915
CH322-123B21	CHORI-322	3L	10627269	10650270
CH322-123B24	CHORI-322	2L	7985932	8006604
CH322-123C02	CHORI-322	2L	10550455	10568148

CH322-123C03	CHORI-322	2R	4257212	4275404
CH322-123C04	CHORI-322	3R	17138903	17157549
CH322-123C05	CHORI-322	2R	11804509	11823955
CH322-123C06	CHORI-322	2R	4062846	4085413
CH322-123C08	CHORI-322	3L	12214245	12232684
CH322-123C09	CHORI-322	2R	16109082	16128179
CH322-123C13	CHORI-322	2R	984228	1005074
CH322-123C16	CHORI-322	3R	10810295	10834016
CH322-123C17	CHORI-322	3RHet	1386321	1403350
CH322-123C18	CHORI-322	2R	2865903	2886063
CH322-123C19	CHORI-322	2L	6204652	6225823
CH322-123C20	CHORI-322	2R	8149827	8170795
CH322-123C24	CHORI-322	2R	656618	677350
CH322-123D01	CHORI-322	3L	9175865	9198177
CH322-123D02	CHORI-322	X	3523465	3546518
CH322-123D03	CHORI-322	X	15131912	15149573
CH322-123D04	CHORI-322	3L	13858309	13878147
CH322-123D07	CHORI-322	2RHet	990373	1009544
CH322-123D08	CHORI-322	3R	3223692	3242570
CH322-123D09	CHORI-322	2R	16400361	16419857
CH322-123D10	CHORI-322	3R	4351406	4369912
CH322-123D11	CHORI-322	2L	10743016	10764488
CH322-123D12	CHORI-322	ArmU	1569462	1589428
CH322-123D13	CHORI-322	3L	4565504	4585908
CH322-123D14	CHORI-322	X	11851596	11871080
CH322-123D15	CHORI-322	X	7096097	7115568
CH322-123D16	CHORI-322	2L	22518537	22539884
CH322-123D17	CHORI-322	2L	10093979	10115947
CH322-123D20	CHORI-322	2L	742804	762447
CH322-123D21	CHORI-322	3R	7266129	7287839
CH322-123D22	CHORI-322	3R	3101594	3121992
CH322-123D23	CHORI-322	3L	24292713	24311575
CH322-123E01	CHORI-322	3L	1227993	1251014
CH322-123E02	CHORI-322	2R	4678551	4700956
CH322-123E03	CHORI-322	2R	3012916	3033361
CH322-123E04	CHORI-322	3L	7213185	7235947
CH322-123E05	CHORI-322	2L	9385092	9403496
CH322-123E09	CHORI-322	2L	13305025	13327905
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CH322-123E11	CHORI-322	3R	19655091	19674730
CH322-123E14	CHORI-322	3L	18403853	18423943
CH322-123E15	CHORI-322	2L	15302291	15321349
CH322-123E17	CHORI-322	X	10602199	10622570
CH322-123E18	CHORI-322	3R	9116115	9138093
CH322-123E19	CHORI-322	2R	19685958	19708046
CH322-123E20	CHORI-322	2R	8581743	8600152
CH322-123E21	CHORI-322	2R	13176973	13194693
CH322-123E22	CHORI-322	3R	27042155	27064207
CH322-123E23	CHORI-322	3L	15727793	15744292
CH322-123F03	CHORI-322	3R	9857407	9880785
CH322-123F06	CHORI-322	X	6901342	6921670
CH322-123F07	CHORI-322	X	6219237	6238600
CH322-123F09	CHORI-322	2L	4100912	4120963
CH322-123F10	CHORI-322	4	213772	232483

CH322-123F11	CHORI-322	4	50663 70173	
CH322-123F12	CHORI-322	2L	5010668	5029548
CH322-123F13	CHORI-322	3R	5118177	5137465
CH322-123F14	CHORI-322	3R	25820724	25842943
CH322-123F16	CHORI-322	3L	3490974	3511934
CH322-123F17	CHORI-322	X	5996386	6018097
CH322-123F18	CHORI-322	3R	16234324	16255288
CH322-123F19	CHORI-322	3R	8865601	8885951
CH322-123F21	CHORI-322	X	4615973	4636818
CH322-123F22	CHORI-322	3L	22650744	22672338
CH322-123F23	CHORI-322	3R	7759087	7779488
CH322-123F24	CHORI-322	3R	24029278	24049525
CH322-123G01	CHORI-322	2L	12453763	12473512
CH322-123G02	CHORI-322	3RHet	1234934	1254840
CH322-123G03	CHORI-322	3R	14684372	14702737
CH322-123G04	CHORI-322	X	10477248	10496091
CH322-123G05	CHORI-322	2R	3616670	3637967
CH322-123G06	CHORI-322	X	13963981	13985232
CH322-123G07	CHORI-322	2L	7979481	7999292
CH322-123G08	CHORI-322	X	20193341	20213896
CH322-123G09	CHORI-322	2R	15483414	15501584
CH322-123G10	CHORI-322	2L	12787903	12805086
CH322-123G11	CHORI-322	X	1465233	1487046
CH322-123G13	CHORI-322	3R	27130361	27148994
CH322-123G14	CHORI-322	X	20512752	20532444
CH322-123G17	CHORI-322	2R	10341741	10360625
CH322-123G18	CHORI-322	2R	3742440	3760466
CH322-123G19	CHORI-322	3L	760554	780534
CH322-123G20	CHORI-322	2R	2631981	2652166
CH322-123G21	CHORI-322	3L	20101724	20120821
CH322-123G22	CHORI-322	3L	5229402	5248089
CH322-123G23	CHORI-322	3R	24518341	24539428
CH322-123G24	CHORI-322	2R	19077433	19097992
CH322-123H01	CHORI-322	2L	17522158	17541368
CH322-123H03	CHORI-322	3L	18695259	18717596
CH322-123H04	CHORI-322	2RHet	410171	428337
CH322-123H05	CHORI-322	2R	19450815	19469663
CH322-123H06	CHORI-322	2R	19009512	19030458
CH322-123H09	CHORI-322	X	349365	370446
CH322-123H11	CHORI-322	X	22316221	22335338
CH322-123H12	CHORI-322	3L	18441648	18459229
CH322-123H13	CHORI-322	X	13409700	13426972
CH322-123H18	CHORI-322	X	16148729	16168644
CH322-123H19	CHORI-322	X	936009	956202
CH322-123H20	CHORI-322	2L	20522543	20543578
CH322-123H21	CHORI-322	2L	5256390	5279522
CH322-123H22	CHORI-322	2R	10882787	10902843
CH322-123H24	CHORI-322	2L	7294060	7313949
CH322-123I03	CHORI-322	2R	17976043	17998994
CH322-123I04	CHORI-322	3L	21657261	21678651
CH322-123I05	CHORI-322	X	6051295	6072790
CH322-123I07	CHORI-322	3R	11976498	11997591
CH322-123I09	CHORI-322	3R	9822645	9840884
CH322-123I11	CHORI-322	2L	6206485	6224052

CH322-123I12	CHORI-322	X	8631485	8653148
CH322-123I14	CHORI-322	2L	18026777	18047519
CH322-123I15	CHORI-322	3L	13727920	13745794
CH322-123I16	CHORI-322	3R	6820619	6842538
CH322-123I18	CHORI-322	X	21291845	21314886
CH322-123I19	CHORI-322	3L	20071707	20090031
CH322-123I20	CHORI-322	3R	22155668	22176026
CH322-123I21	CHORI-322	3L	4694966	4715727
CH322-123I22	CHORI-322	3L	7939222	7957992
CH322-123I23	CHORI-322	2R	3958600	3978800
CH322-123I24	CHORI-322	3L	4666988	4685178
CH322-123J01	CHORI-322	2R	20499782	20520199
CH322-123J03	CHORI-322	2L	20039153	20059053
CH322-123J05	CHORI-322	3R	3284973	3304529
CH322-123J06	CHORI-322	X	5614590	5637432
CH322-123J08	CHORI-322	2L	13307401	13328202
CH322-123J11	CHORI-322	X	15631514	15650782
CH322-123J12	CHORI-322	X	8144967	8162817
CH322-123J14	CHORI-322	2L	6127953	6148643
CH322-123J17	CHORI-322	2L	10270499	10288869
CH322-123J19	CHORI-322	3R	7645787	7667164
CH322-123J20	CHORI-322	2R	20500594	20518229
CH322-123J21	CHORI-322	X	15718024	15735670
CH322-123J23	CHORI-322	2R	2418554	2439242
CH322-123K02	CHORI-322	3R	18963496	18984615
CH322-123K03	CHORI-322	2L	4308439	4329304
CH322-123K04	CHORI-322	X	7992174	8013559
CH322-123K05	CHORI-322	3LHet	1437425	1454769
CH322-123K06	CHORI-322	2L	6733918	6755512
CH322-123K08	CHORI-322	3R	664529	684548
CH322-123K09	CHORI-322	3LHet	891500	913266
CH322-123K10	CHORI-322	3L	15048330	15068239
CH322-123K14	CHORI-322	3R	6432703	6451722
CH322-123K15	CHORI-322	2R	5206676	5226683
CH322-123K16	CHORI-322	3R	7734764	7755166
CH322-123K17	CHORI-322	2R	1566454	1585756
CH322-123K18	CHORI-322	2L	11882154	11903009
CH322-123K19	CHORI-322	2R	4804732	4826954
CH322-123K21	CHORI-322	3L	20236007	20256320
CH322-123K22	CHORI-322	3R	4647947	4672449
CH322-123K23	CHORI-322	2L	17285951	17305885
CH322-123K24	CHORI-322	3R	13935729	13958306
CH322-123L01	CHORI-322	3R	4349923	4368311
CH322-123L03	CHORI-322	2R	12456282	12475453
CH322-123L04	CHORI-322	2R	21080212	21099091
CH322-123L05	CHORI-322	2L	10321176	10343160
CH322-123L06	CHORI-322	3L	21441863	21459690
CH322-123L07	CHORI-322	3R	3994484	4012253
CH322-123L08	CHORI-322	3R	27551785	27572756
CH322-123L09	CHORI-322	2L	17320130	17340661
CH322-123L11	CHORI-322	3L	21151650	21172210
CH322-123L15	CHORI-322	3R	26102065	26119586
CH322-123L16	CHORI-322	3R	26039467	26062823
CH322-123L18	CHORI-322	2L	11191627	11214789

CH322-123L20	CHORI-322	ArmU	1161198	1183631
CH322-123L21	CHORI-322	2L	3871181	3893699
CH322-123L22	CHORI-322	3R	24090357	24107295
CH322-123L24	CHORI-322	3R	13531745	13556277
CH322-123M01	CHORI-322	X	4558213	4579376
CH322-123M02	CHORI-322	3R	7373299	7395529
CH322-123M03	CHORI-322	3L	13656001	13676995
CH322-123M04	CHORI-322	X	14388717	14407556
CH322-123M05	CHORI-322	X	9421754	9441044
CH322-123M06	CHORI-322	X	13379274	13400776
CH322-123M07	CHORI-322	3L	18887589	18907064
CH322-123M08	CHORI-322	3R	7816678	7837165
CH322-123M10	CHORI-322	X	8915551	8934467
CH322-123M11	CHORI-322	X	19435836	19457673
CH322-123M12	CHORI-322	3R	12633682	12653755
CH322-123M13	CHORI-322	2L	18794881	18812661
CH322-123M16	CHORI-322	3R	6541354	6561314
CH322-123M17	CHORI-322	3L	5202981	5224803
CH322-123M18	CHORI-322	2R	4479859	4499325
CH322-123M19	CHORI-322	X	17506746	17527683
CH322-123M20	CHORI-322	2R	1864579	1884509
CH322-123M21	CHORI-322	3R	7867199	7887237
CH322-123M22	CHORI-322	X	5324752	5344628
CH322-123M23	CHORI-322	2L	635502	654514
CH322-123M24	CHORI-322	2L	11518618	11540512
CH322-123N01	CHORI-322	2R	8164880	8181982
CH322-123N06	CHORI-322	2L	5779189	5798390
CH322-123N07	CHORI-322	2RHet	1967417	1986426
CH322-123N08	CHORI-322	2R	3232922	3254305
CH322-123N09	CHORI-322	2L	16046137	16066461
CH322-123N11	CHORI-322	2R	13516627	13534143
CH322-123N12	CHORI-322	X	18118731	18140599
CH322-123N14	CHORI-322	3RHet	782009	803270
CH322-123N15	CHORI-322	3R	9323009	9343059
CH322-123N17	CHORI-322	3L	2024375	2048338
CH322-123N18	CHORI-322	X	2444325	2466619
CH322-123N20	CHORI-322	2RHet	1644514	1664635
CH322-123N21	CHORI-322	3R	20955762	20976005
CH322-123N22	CHORI-322	2R	5029195	5049202
CH322-123N23	CHORI-322	3L	14516733	14537355
CH322-123N24	CHORI-322	3R	6317814	6336274
CH322-123O03	CHORI-322	3R	14518505	14539057
CH322-123O04	CHORI-322	3L	13073397	13093776
CH322-123O05	CHORI-322	2L	3576005	3596854
CH322-123O08	CHORI-322	3R	23595531	23617800
CH322-123O09	CHORI-322	2R	13240506	13261306
CH322-123O10	CHORI-322	3R	23953410	23974163
CH322-123O11	CHORI-322	3R	17070483	17090258
CH322-123O12	CHORI-322	2R	12509744	12527897
CH322-123O13	CHORI-322	3R	7704900	7724982
CH322-123O14	CHORI-322	3L	4034081	4053553
CH322-123O15	CHORI-322	3L	4513745	4534056
CH322-123O16	CHORI-322	2L	16569941	16589562
CH322-123O18	CHORI-322	2R	13950811	13970345

CH322-123O19	CHORI-322	3R	12160384	12181202
CH322-123O20	CHORI-322	3L	5625891	5645939
CH322-123O22	CHORI-322	3L	1445603	1466729
CH322-123P01	CHORI-322	2R	1748153	1768493
CH322-123P03	CHORI-322	3L	4753621	4771643
CH322-123P04	CHORI-322	3R	14150253	14168798
CH322-123P05	CHORI-322	3R	17040890	17061418
CH322-123P06	CHORI-322	3R	19299994	19318945
CH322-123P07	CHORI-322	3R	16889484	16910325
CH322-123P08	CHORI-322	X	18942952	18962652
CH322-123P09	CHORI-322	3R	16124203	16141458
CH322-123P11	CHORI-322	3R	25143134	25162573
CH322-123P12	CHORI-322	3L	14232257	14254564
CH322-123P14	CHORI-322	3R	17070841	17091586
CH322-123P15	CHORI-322	3R	26281531	26300392
CH322-123P16	CHORI-322	3R	26841943	26861929
CH322-123P17	CHORI-322	X	17587176	17606514
CH322-123P18	CHORI-322	3R	12001583	12024500
CH322-123P19	CHORI-322	3L	4832359	4852414
CH322-123P20	CHORI-322	3L	14479680	14499110
CH322-123P21	CHORI-322	2R	18150375	18170870
CH322-123P23	CHORI-322	2L	8768523	8788006
CH322-124A01	CHORI-322	3L	13136699	13156364
CH322-124A02	CHORI-322	2L	1045864	1065941
CH322-124A03	CHORI-322	3R	5340714	5361068
CH322-124A04	CHORI-322	X	15053250	15073790
CH322-124A05	CHORI-322	3R	6245319	6265928
CH322-124A06	CHORI-322	3L	18688314	18707161
CH322-124A07	CHORI-322	2R	9741683	9763434
CH322-124A09	CHORI-322	X	8170173	8190623
CH322-124A10	CHORI-322	3LHet	2464359	2484523
CH322-124A11	CHORI-322	2R	20792464	20812128
CH322-124A12	CHORI-322	3R	23572343	23593053
CH322-124A14	CHORI-322	X	10642137	10663911
CH322-124A15	CHORI-322	3R	23548324	23568672
CH322-124A18	CHORI-322	3L	17720843	17743404
CH322-124A19	CHORI-322	3R	26013864	26036323
CH322-124A21	CHORI-322	2L	17832549	17851264
CH322-124A22	CHORI-322	3R	17070965	17092046
CH322-124A23	CHORI-322	3R	12098029	12119654
CH322-124B01	CHORI-322	2L	19086903	19106972
CH322-124B02	CHORI-322	3L	334144	354253
CH322-124B03	CHORI-322	2R	5684177	5706043
CH322-124B04	CHORI-322	3L	13682581	13703603
CH322-124B05	CHORI-322	2L	4918251	4938854
CH322-124B06	CHORI-322	3L	14845353	14867566
CH322-124B07	CHORI-322	X	578771	596297
CH322-124B09	CHORI-322	2L	19698719	19719786
CH322-124B10	CHORI-322	X	21973017	21991669
CH322-124B11	CHORI-322	3R	26024554	26045971
CH322-124B12	CHORI-322	2R	9351714	9372406
CH322-124B13	CHORI-322	2R	6962894	6983987
CH322-124B14	CHORI-322	3L	7352668	7371361
CH322-124B15	CHORI-322	3R	17271048	17290604

CH322-124B16	CHORI-322	X	12036196	12053602
CH322-124B17	CHORI-322	3R	2674651	2695066
CH322-124B18	CHORI-322	2R	11909720	11930370
CH322-124B19	CHORI-322	3R	5847973	5866980
CH322-124B20	CHORI-322	X	20967363	20987157
CH322-124C02	CHORI-322	3R	9828252	9848505
CH322-124C03	CHORI-322	2R	9621270	9640540
CH322-124C04	CHORI-322	3R	6329480	6348204
CH322-124C05	CHORI-322	2R	15508219	15529241
CH322-124C06	CHORI-322	X	22315913	22335710
CH322-124C09	CHORI-322	2R	5155383	5175309
CH322-124C10	CHORI-322	X	2620793	2643840
CH322-124C11	CHORI-322	3R	14514356	14533005
CH322-124C13	CHORI-322	2L	20387187	20408738
CH322-124C14	CHORI-322	3R	6265931	6287451
CH322-124C15	CHORI-322	2L	6890299	6911125
CH322-124C16	CHORI-322	3R	14452019	14472568
CH322-124C19	CHORI-322	2L	12111471	12130072
CH322-124C20	CHORI-322	3L	9795078	9815352
CH322-124C21	CHORI-322	X	1011604	1029680
CH322-124C23	CHORI-322	3R	1230941	1253020
CH322-124C24	CHORI-322	2R	3472920	3491848
CH322-124D02	CHORI-322	2RHet	710001	729466
CH322-124D03	CHORI-322	3L	22301276	22324113
CH322-124D05	CHORI-322	X	11771007	11792340
CH322-124D06	CHORI-322	2L	10959606	10976176
CH322-124D10	CHORI-322	3R	11823093	11844739
CH322-124D11	CHORI-322	2L	16714888	16733457
CH322-124D12	CHORI-322	2R	17305548	17324150
CH322-124D13	CHORI-322	2R	12132129	12150299
CH322-124D14	CHORI-322	3R	6719498	6738955
CH322-124D18	CHORI-322	3R	814508	833559
CH322-124D19	CHORI-322	3RHet	556850	576379
CH322-124D21	CHORI-322	3R	21140830	21158832
CH322-124D22	CHORI-322	3R	24117594	24142182
CH322-124D24	CHORI-322	3R	26800587	26817883
CH322-124E01	CHORI-322	X	21921309	21943314
CH322-124E04	CHORI-322	2L	20249621	20269679
CH322-124E05	CHORI-322	3L	2611554	2632076
CH322-124E07	CHORI-322	2L	15804805	15822827
CH322-124E08	CHORI-322	3L	14592411	14613684
CH322-124E09	CHORI-322	3R	4243326	4264735
CH322-124E10	CHORI-322	3L	12232272	12255139
CH322-124E12	CHORI-322	2R	14458060	14476692
CH322-124E13	CHORI-322	2L	6609218	6630783
CH322-124E16	CHORI-322	3L	4031675	4052074
CH322-124E17	CHORI-322	3L	1986182	2006353
CH322-124E18	CHORI-322	3R	11758869	11778584
CH322-124E19	CHORI-322	3R	13612171	13632797
CH322-124E20	CHORI-322	3R	14459732	14483056
CH322-124E21	CHORI-322	3R	18652210	18674287
CH322-124E22	CHORI-322	2L	16972226	16995319
CH322-124E23	CHORI-322	3L	8791399	8813198
CH322-124E24	CHORI-322	2R	19796803	19818440

CH322-124F01	CHORI-322	X	20855125	20873531
CH322-124F02	CHORI-322	2R	16712287	16732035
CH322-124F06	CHORI-322	3L	23665536	23684792
CH322-124F07	CHORI-322	3R	14588935	14610866
CH322-124F08	CHORI-322	3R	18563115	18585494
CH322-124F09	CHORI-322	3L	13779997	13802441
CH322-124F10	CHORI-322	3R	23200527	23221769
CH322-124F11	CHORI-322	3R	5814018	5831487
CH322-124F12	CHORI-322	2R	1691139	1711982
CH322-124F13	CHORI-322	3R	20061189	20082753
CH322-124F15	CHORI-322	3R	17263621	17284252
CH322-124F16	CHORI-322	3R	11018751	11039167
CH322-124F17	CHORI-322	2R	16679767	16698479
CH322-124F18	CHORI-322	2L	18831325	18854148
CH322-124F19	CHORI-322	3L	8008926	8029123
CH322-124F20	CHORI-322	X	12636705	12655073
CH322-124F21	CHORI-322	3L	9160304	9182867
CH322-124F22	CHORI-322	2L	21624303	21645599
CH322-124F23	CHORI-322	3R	14747272	14765483
CH322-124F24	CHORI-322	3L	4327505	4347974
CH322-124G01	CHORI-322	3R	15947702	15965369
CH322-124G02	CHORI-322	3R	23202360	23221864
CH322-124G03	CHORI-322	X	12818632	12841091
CH322-124G05	CHORI-322	3R	7726879	7748714
CH322-124G06	CHORI-322	2L	2445771	2463350
CH322-124G08	CHORI-322	3L	20104193	20123058
CH322-124G10	CHORI-322	3R	13380574	13398463
CH322-124G13	CHORI-322	2R	1125240	1146510
CH322-124G19	CHORI-322	X	15673604	15696428
CH322-124G20	CHORI-322	X	22315913	22335710
CH322-124G21	CHORI-322	2R	16808819	16826818
CH322-124H02	CHORI-322	3L	22300823	22323098
CH322-124H03	CHORI-322	3L	9208175	9229203
CH322-124H07	CHORI-322	X	16939359	16959991
CH322-124H09	CHORI-322	2L	15426564	15443773
CH322-124H12	CHORI-322	3L	13728114	13748248
CH322-124H13	CHORI-322	3L	11155306	11176654
CH322-124H14	CHORI-322	3L	22659438	22678109
CH322-124H16	CHORI-322	3R	7091239	7109831
CH322-124H17	CHORI-322	2L	8299422	8319680
CH322-124H19	CHORI-322	2R	15496906	15516321
CH322-124H21	CHORI-322	X	15353687	15374284
CH322-124H22	CHORI-322	2L	1243872	1263275
CH322-124H23	CHORI-322	3L	3718366	3738312
CH322-124H24	CHORI-322	3R	17045343	17065569
CH322-124I01	CHORI-322	2L	6980199	7002180
CH322-124I02	CHORI-322	3L	18089957	18108834
CH322-124I03	CHORI-322	2L	19603108	19620996
CH322-124I05	CHORI-322	3L	14978791	14996985
CH322-124I06	CHORI-322	3R	2389634	2411264
CH322-124I07	CHORI-322	2R	543504	563611
CH322-124I08	CHORI-322	3R	13432392	13452971
CH322-124I09	CHORI-322	3R	8469443	8488807
CH322-124I10	CHORI-322	3R	14286512	14306040

CH322-124I11	CHORI-322	3R	23548299	23571050
CH322-124I13	CHORI-322	2R	20233187	20255118
CH322-124I14	CHORI-322	2R	811452	830267
CH322-124I15	CHORI-322	2R	11443011	11463727
CH322-124I16	CHORI-322	2R	6020959	6044199
CH322-124I17	CHORI-322	2R	15213787	15236801
CH322-124I19	CHORI-322	3L	13899300	13918849
CH322-124I20	CHORI-322	3R	15862426	15880853
CH322-124I21	CHORI-322	2R	8874669	8894967
CH322-124I23	CHORI-322	2R	16299319	16320843
CH322-124I24	CHORI-322	2L	1199549	1219368
CH322-124J01	CHORI-322	3L	14719200	14738219
CH322-124J02	CHORI-322	3R	6658529	6680017
CH322-124J03	CHORI-322	2R	13237316	13259602
CH322-124J04	CHORI-322	3R	21704892	21724013
CH322-124J06	CHORI-322	2L	4759282	4780194
CH322-124J07	CHORI-322	2L	16347113	16367003
CH322-124J08	CHORI-322	X	17816859	17837135
CH322-124J17	CHORI-322	3L	8903825	8923497
CH322-124J18	CHORI-322	2R	18385091	18405884
CH322-124J19	CHORI-322	2L	12746230	12765181
CH322-124J20	CHORI-322	3R	23999779	24017531
CH322-124J21	CHORI-322	3R	23428146	23450175
CH322-124J22	CHORI-322	X	6481	26256
CH322-124J23	CHORI-322	3R	6160392	6178694
CH322-124J24	CHORI-322	3L	10095649	10117985
CH322-124K01	CHORI-322	X	5462817	5484299
CH322-124K02	CHORI-322	3L	3292071	3312059
CH322-124K03	CHORI-322	2R	17806996	17828591
CH322-124K04	CHORI-322	X	4452312	4473727
CH322-124K06	CHORI-322	3L	13754135	13771553
CH322-124K07	CHORI-322	3R	19908862	19929202
CH322-124K09	CHORI-322	3R	8547590	8565759
CH322-124K10	CHORI-322	2L	9656887	9678404
CH322-124K11	CHORI-322	2L	7734649	7754365
CH322-124K13	CHORI-322	2L	1308534	1326251
CH322-124K15	CHORI-322	X	16808239	16828617
CH322-124K16	CHORI-322	2L	12612219	12631369
CH322-124K20	CHORI-322	4	1186746	1205856
CH322-124K21	CHORI-322	3R	21637530	21658648
CH322-124K22	CHORI-322	X	6817774	6838159
CH322-124K23	CHORI-322	3R	783269	805470
CH322-124L02	CHORI-322	3R	10048847	10070705
CH322-124L03	CHORI-322	3R	22987561	23010479
CH322-124L04	CHORI-322	3R	13652062	13670973
CH322-124L05	CHORI-322	3L	24130356	24149252
CH322-124L06	CHORI-322	X	9607724	9626109
CH322-124L07	CHORI-322	2L	11568839	11586013
CH322-124L09	CHORI-322	3L	2506715	2527925
CH322-124L11	CHORI-322	3R	23125239	23145847
CH322-124L15	CHORI-322	3L	13485539	13507451
CH322-124L16	CHORI-322	X	20707985	20725276
CH322-124L17	CHORI-322	3L	13335883	13357563
CH322-124L19	CHORI-322	2R	7179745	7199889

CH322-124L22	CHORI-322	3L	17211327	17230438
CH322-124L24	CHORI-322	2R	19471603	19488855
CH322-124M01	CHORI-322	3L	22864521	22887863
CH322-124M03	CHORI-322	2L	8137128	8155027
CH322-124M05	CHORI-322	X	21653750	21674799
CH322-124M06	CHORI-322	3R	8345079	8362036
CH322-124M07	CHORI-322	2L	10698469	10717937
CH322-124M08	CHORI-322	3L	17286351	17305594
CH322-124M09	CHORI-322	2L	16711990	16732811
CH322-124M10	CHORI-322	4	71505 88978	
CH322-124M11	CHORI-322	2L	18862968	18881044
CH322-124M12	CHORI-322	2L	8405523	8422761
CH322-124M13	CHORI-322	2L	6298036	6318407
CH322-124M14	CHORI-322	X	6630140	6648890
CH322-124M16	CHORI-322	2R	13094621	13115098
CH322-124M17	CHORI-322	2R	19288713	19307521
CH322-124M20	CHORI-322	3L	5918011	5939128
CH322-124M21	CHORI-322	2R	10238763	10259051
CH322-124M22	CHORI-322	3R	7533638	7555815
CH322-124M24	CHORI-322	3R	4316762	4339498
CH322-124N01	CHORI-322	3L	20633516	20654818
CH322-124N02	CHORI-322	3R	25210225	25230007
CH322-124N05	CHORI-322	3R	7651725	7674225
CH322-124N06	CHORI-322	2L	14029773	14051351
CH322-124N07	CHORI-322	2R	7371068	7388880
CH322-124N09	CHORI-322	3L	24288148	24307387
CH322-124N11	CHORI-322	2L	22705455	22727145
CH322-124N13	CHORI-322	2L	14137578	14157382
CH322-124N14	CHORI-322	3L	13727544	13747217
CH322-124N15	CHORI-322	3R	8902218	8922847
CH322-124N17	CHORI-322	3L	4841584	4860378
CH322-124N19	CHORI-322	2R	8521393	8541633
CH322-124N21	CHORI-322	3L	23390905	23411767
CH322-124N23	CHORI-322	X	6678859	6703829
CH322-124N24	CHORI-322	2R	5531571	5551356
CH322-124O01	CHORI-322	3R	21678595	21701316
CH322-124O03	CHORI-322	3R	3526759	3542563
CH322-124O04	CHORI-322	3L	10954793	10977008
CH322-124O05	CHORI-322	3L	9107913	9128422
CH322-124O06	CHORI-322	2R	15091969	15112807
CH322-124O07	CHORI-322	2L	15073789	15094359
CH322-124O08	CHORI-322	X	9680441	9700352
CH322-124O10	CHORI-322	3R	5190154	5209479
CH322-124O11	CHORI-322	3L	22823199	22843460
CH322-124O13	CHORI-322	2R	8749376	8768562
CH322-124O14	CHORI-322	3R	403959	423716
CH322-124O15	CHORI-322	3R	6902152	6923595
CH322-124O16	CHORI-322	X	18650979	18672972
CH322-124O18	CHORI-322	3L	21390374	21411803
CH322-124O19	CHORI-322	3L	12710816	12730298
CH322-124O20	CHORI-322	3R	22424376	22445186
CH322-124O21	CHORI-322	X	857430	879455
CH322-124O22	CHORI-322	3R	24792729	24812615
CH322-124O23	CHORI-322	3R	8790243	8811378

CH322-124O24	CHORI-322	XHet	63475	83349
CH322-124P01	CHORI-322	2L	11434006	11454193
CH322-124P02	CHORI-322	3L	5783162	5804963
CH322-124P03	CHORI-322	2L	14303152	14322546
CH322-124P04	CHORI-322	X	15049461	15070942
CH322-124P05	CHORI-322	3R	17971751	17991468
CH322-124P06	CHORI-322	3L	497031	515999
CH322-124P07	CHORI-322	3R	23751505	23768375
CH322-124P08	CHORI-322	2L	15144393	15163692
CH322-124P09	CHORI-322	2L	7059064	7078729
CH322-124P11	CHORI-322	3L	4251330	4270788
CH322-124P12	CHORI-322	2R	6386593	6404044
CH322-124P15	CHORI-322	2L	4991104	5013273
CH322-124P16	CHORI-322	X	14907930	14925303
CH322-124P17	CHORI-322	X	19463282	19484800
CH322-124P18	CHORI-322	3L	20811333	20829869
CH322-124P20	CHORI-322	3R	19470285	19491018
CH322-124P21	CHORI-322	3L	6719143	6741916
CH322-124P22	CHORI-322	2R	17501669	17523645
CH322-124P24	CHORI-322	2L	8736535	8756442
CH322-125A03	CHORI-322	X	13933236	13953939
CH322-125A05	CHORI-322	2R	8676074	8697599
CH322-125A06	CHORI-322	3R	3078344	3100504
CH322-125A07	CHORI-322	4	1250895	1273398
CH322-125A08	CHORI-322	3R	17380644	17401681
CH322-125A10	CHORI-322	2R	13427124	13452481
CH322-125A11	CHORI-322	3R	3230552	3251878
CH322-125A12	CHORI-322	X	7172064	7192448
CH322-125A13	CHORI-322	3L	17259880	17280009
CH322-125A14	CHORI-322	2R	9625171	9645415
CH322-125A15	CHORI-322	2L	11553358	11573872
CH322-125A16	CHORI-322	2L	2869880	2890870
CH322-125A17	CHORI-322	3R	11333848	11357924
CH322-125A18	CHORI-322	2L	21245976	21265474
CH322-125A20	CHORI-322	3R	97232	119647
CH322-125A22	CHORI-322	3R	6572910	6593986
CH322-125A23	CHORI-322	2R	9571809	9588811
CH322-125A24	CHORI-322	3L	8049449	8066626
CH322-125B03	CHORI-322	2R	20455360	20476571
CH322-125B04	CHORI-322	3R	21961737	21980657
CH322-125B06	CHORI-322	3R	16756023	16777008
CH322-125B07	CHORI-322	3R	26129170	26148167
CH322-125B08	CHORI-322	3L	7293030	7314583
CH322-125B11	CHORI-322	3R	21392931	21413420
CH322-125B12	CHORI-322	3R	17140731	17161004
CH322-125B13	CHORI-322	X	2997740	3014687
CH322-125B16	CHORI-322	2R	672137	690422
CH322-125B18	CHORI-322	3R	27832407	27850103
CH322-125B19	CHORI-322	2R	11394673	11412966
CH322-125B20	CHORI-322	3LHet	1375830	1394468
CH322-125B21	CHORI-322	3L	22882729	22904443
CH322-125B22	CHORI-322	3L	2501664	2522450
CH322-125B23	CHORI-322	3R	22549948	22570362
CH322-125C02	CHORI-322	2L	1498840	1521302

CH322-125C04	CHORI-322	3R	20236749	20259322
CH322-125C05	CHORI-322	3R	9423072	9442311
CH322-125C06	CHORI-322	2R	20154039	20174112
CH322-125C08	CHORI-322	2L	13669712	13689884
CH322-125C09	CHORI-322	2R	12001343	12019769
CH322-125C11	CHORI-322	2L	2328197	2347018
CH322-125C12	CHORI-322	2L	4297077	4315177
CH322-125C15	CHORI-322	3L	18515747	18535022
CH322-125C16	CHORI-322	3R	19470283	19488911
CH322-125C18	CHORI-322	2L	660531	682737
CH322-125C19	CHORI-322	3L	5625751	5647087
CH322-125C20	CHORI-322	3LHet	813792	833544
CH322-125C21	CHORI-322	2L	17835145	17851878
CH322-125C22	CHORI-322	3R	23890203	23910314
CH322-125C23	CHORI-322	2L	1263573	1284049
CH322-125D02	CHORI-322	2L	6306000	6326232
CH322-125D03	CHORI-322	X	12688270	12706581
CH322-125D05	CHORI-322	3L	6073355	6092346
CH322-125D07	CHORI-322	3R	15989351	16009584
CH322-125D08	CHORI-322	X	14010185	14032306
CH322-125D17	CHORI-322	3L	1451011	1471799
CH322-125D19	CHORI-322	2R	19196621	19215733
CH322-125D21	CHORI-322	2RHet	1087385	1111035
CH322-125D22	CHORI-322	3R	22604415	22625438
CH322-125D23	CHORI-322	3R	16756881	16777851
CH322-125D24	CHORI-322	2L	7407095	7428256
CH322-125E01	CHORI-322	2L	4421459	4440194
CH322-125E03	CHORI-322	3L	7453487	7472483
CH322-125E04	CHORI-322	3R	22100571	22117694
CH322-125E05	CHORI-322	X	3969391	3988564
CH322-125E07	CHORI-322	2R	12420622	12440605
CH322-125E10	CHORI-322	3L	13574741	13595873
CH322-125E12	CHORI-322	3R	15015362	15034225
CH322-125E14	CHORI-322	X	10282626	10300616
CH322-125E18	CHORI-322	X	4628443	4649548
CH322-125E19	CHORI-322	3L	8928414	8949535
CH322-125E22	CHORI-322	2R	18700677	18723678
CH322-125E23	CHORI-322	2R	5153346	5174711
CH322-125E24	CHORI-322	2R	14545142	14564136
CH322-125F01	CHORI-322	2R	19150622	19173576
CH322-125F02	CHORI-322	2L	1090656	1113299
CH322-125F03	CHORI-322	2R	12424064	12444202
CH322-125F04	CHORI-322	X	971072	995103
CH322-125F05	CHORI-322	X	16574536	16592315
CH322-125F06	CHORI-322	X	7138761	7160078
CH322-125F07	CHORI-322	3L	22342523	22363093
CH322-125F09	CHORI-322	2R	16445157	16463397
CH322-125F10	CHORI-322	3R	3031241	3053469
CH322-125F13	CHORI-322	2L	13503545	13524349
CH322-125F17	CHORI-322	3L	11926414	11946110
CH322-125F19	CHORI-322	X	3209660	3229272
CH322-125F20	CHORI-322	X	22107620	22129111
CH322-125F23	CHORI-322	3L	17808975	17828011
CH322-125G01	CHORI-322	X	17378361	17398094

CH322-125G02	CHORI-322	3R	14772399	14795149
CH322-125G03	CHORI-322	2L	664214	684102
CH322-125G04	CHORI-322	X	12520184	12542012
CH322-125G08	CHORI-322	3L	14900552	14919904
CH322-125G09	CHORI-322	2R	12070703	12092190
CH322-125G13	CHORI-322	2R	13996990	14015519
CH322-125G14	CHORI-322	X	16212843	16233165
CH322-125G23	CHORI-322	2L	3670878	3692132
CH322-125G24	CHORI-322	3L	10109265	10132814
CH322-125H01	CHORI-322	3R	27111308	27134191
CH322-125H02	CHORI-322	3L	18481227	18502204
CH322-125H03	CHORI-322	2L	21057134	21079482
CH322-125H04	CHORI-322	3R	1740208	1762642
CH322-125H08	CHORI-322	3L	11891341	11914775
CH322-125H22	CHORI-322	3R	1070785	1092580
CH322-125I02	CHORI-322	X	3467633	3487200
CH322-125I04	CHORI-322	3L	17283474	17303119
CH322-125I05	CHORI-322	2R	7628115	7649127
CH322-125I06	CHORI-322	3LHet	2477067	2494926
CH322-125I07	CHORI-322	2R	5715926	5733687
CH322-125I08	CHORI-322	X	22158094	22178001
CH322-125I12	CHORI-322	2L	7571130	7590740
CH322-125I14	CHORI-322	2L	11721681	11741327
CH322-125I15	CHORI-322	X	22247094	22264800
CH322-125I18	CHORI-322	3L	22302884	22324071
CH322-125I23	CHORI-322	3L	28109 45086	
CH322-125J01	CHORI-322	3L	463306	483489
CH322-125J03	CHORI-322	2R	9122427	9142694
CH322-125J04	CHORI-322	3R	10724451	10743639
CH322-125J05	CHORI-322	3L	1445603	1466729
CH322-125J06	CHORI-322	3L	21510751	21530809
CH322-125J07	CHORI-322	2R	18422099	18442780
CH322-125J08	CHORI-322	2L	11344966	11365641
CH322-125J09	CHORI-322	2R	19323523	19344050
CH322-125J11	CHORI-322	X	15035871	15053285
CH322-125J12	CHORI-322	2R	17421844	17442406
CH322-125J13	CHORI-322	2R	2839860	2861331
CH322-125J14	CHORI-322	2R	3682964	3701730
CH322-125J17	CHORI-322	2R	16794504	16815627
CH322-125J24	CHORI-322	2R	17153171	17175291
CH322-125K01	CHORI-322	2L	666261	684714
CH322-125K02	CHORI-322	3R	14229356	14249781
CH322-125K03	CHORI-322	3R	19057986	19078069
CH322-125K05	CHORI-322	2L	5784561	5805002
CH322-125K07	CHORI-322	3R	24771925	24792577
CH322-125K19	CHORI-322	2L	16406000	16425894
CH322-125K20	CHORI-322	3R	13263234	13285495
CH322-125K21	CHORI-322	3R	15502051	15520842
CH322-125K22	CHORI-322	2L	20005445	20026237
CH322-125K23	CHORI-322	2R	5286687	5308183
CH322-125L01	CHORI-322	2L	11345393	11366974
CH322-125L02	CHORI-322	3L	803522	826008
CH322-125L03	CHORI-322	2R	860692	884656
CH322-125L04	CHORI-322	2L	4771633	4790288

CH322-125L07	CHORI-322	3L	18146458	18168186
CH322-125L11	CHORI-322	X	9783743	9804137
CH322-125L13	CHORI-322	2R	9153652	9174418
CH322-125L14	CHORI-322	2L	17179178	17201636
CH322-125L17	CHORI-322	3R	18115201	18133631
CH322-125L20	CHORI-322	2R	13884300	13905084
CH322-125L22	CHORI-322	3R	14207988	14225867
CH322-125L23	CHORI-322	2RHet	896986	916173
CH322-125L24	CHORI-322	2R	12007376	12031086
CH322-125M02	CHORI-322	2L	19017400	19037119
CH322-125M03	CHORI-322	2L	9869551	9891753
CH322-125M04	CHORI-322	3L	22580800	22601560
CH322-125M06	CHORI-322	3R	15496437	15518447
CH322-125M07	CHORI-322	3L	17951694	17973559
CH322-125M08	CHORI-322	3R	24517683	24539428
CH322-125M11	CHORI-322	2R	2049108	2067469
CH322-125M12	CHORI-322	X	16135951	16157710
CH322-125M13	CHORI-322	X	13706722	13725668
CH322-125M17	CHORI-322	X	2308426	2326426
CH322-125M18	CHORI-322	3LHet	979344	999881
CH322-125M19	CHORI-322	3L	20197934	20218582
CH322-125M21	CHORI-322	3R	3464565	3488792
CH322-125M22	CHORI-322	2L	6779802	6801613
CH322-125M23	CHORI-322	2L	18259322	18280387
CH322-125N02	CHORI-322	2R	3230351	3249763
CH322-125N03	CHORI-322	X	21285929	21305400
CH322-125N04	CHORI-322	3L	2388625	2406260
CH322-125N06	CHORI-322	3L	9989557	10009318
CH322-125N07	CHORI-322	X	3357928	3378900
CH322-125N08	CHORI-322	2R	9344648	9363600
CH322-125N11	CHORI-322	2L	8249793	8268571
CH322-125N15	CHORI-322	3L	15720906	15743832
CH322-125N17	CHORI-322	3L	611240	631882
CH322-125N18	CHORI-322	3R	6849274	6869407
CH322-125N19	CHORI-322	2L	8397568	8416761
CH322-125N22	CHORI-322	X	19519393	19544956
CH322-125N23	CHORI-322	2L	20063083	20088136
CH322-125N24	CHORI-322	X	21603975	21622382
CH322-125O02	CHORI-322	2L	20791597	20810766
CH322-125O03	CHORI-322	2R	4668049	4689684
CH322-125O04	CHORI-322	2L	17177751	17198413
CH322-125O06	CHORI-322	3L	21850346	21870929
CH322-125O07	CHORI-322	4	942438	963071
CH322-125O08	CHORI-322	2L	19890330	19910845
CH322-125O09	CHORI-322	2L	18338300	18357155
CH322-125O10	CHORI-322	3R	7963527	7987008
CH322-125O14	CHORI-322	2L	13743005	13760400
CH322-125O15	CHORI-322	3R	25228737	25250193
CH322-125O17	CHORI-322	3R	13412464	13432544
CH322-125O18	CHORI-322	2R	10460031	10480378
CH322-125O20	CHORI-322	3L	11012226	11032275
CH322-125O22	CHORI-322	3R	23181286	23204891
CH322-125O23	CHORI-322	2L	4421351	4440194
CH322-125P04	CHORI-322	3L	12907068	12928704

CH322-125P05	CHORI-322	2R	1510886	1532682
CH322-125P06	CHORI-322	2R	1997150	2016854
CH322-125P07	CHORI-322	2L	21754321	21775239
CH322-125P08	CHORI-322	2R	6910917	6930945
CH322-125P09	CHORI-322	3R	9606022	9626300
CH322-125P10	CHORI-322	3R	3284973	3304760
CH322-125P11	CHORI-322	3L	10427902	10445359
CH322-125P12	CHORI-322	3L	15482979	15501093
CH322-125P13	CHORI-322	2L	1938821	1959239
CH322-125P15	CHORI-322	2R	8211160	8233413
CH322-125P23	CHORI-322	X	14134869	14153497
CH322-126A01	CHORI-322	X	4812244	4835417
CH322-126A04	CHORI-322	3L	12915142	12932682
CH322-126A05	CHORI-322	2RHet	98451	117794
CH322-126A06	CHORI-322	2R	18111423	18134204
CH322-126A09	CHORI-322	3L	3020811	3038703
CH322-126A10	CHORI-322	3R	6515029	6533182
CH322-126A11	CHORI-322	X	20801258	20820663
CH322-126A12	CHORI-322	X	9063791	9083525
CH322-126A13	CHORI-322	2R	13769292	13786718
CH322-126A15	CHORI-322	3L	1890019	1910319
CH322-126A16	CHORI-322	2L	5285861	5308957
CH322-126A17	CHORI-322	3R	19362719	19382354
CH322-126A18	CHORI-322	2R	3627400	3647065
CH322-126A21	CHORI-322	2L	2884428	2904939
CH322-126A23	CHORI-322	X	16049425	16067783
CH322-126A24	CHORI-322	3R	27643739	27667661
CH322-126B02	CHORI-322	3L	15102533	15125688
CH322-126B03	CHORI-322	3L	7071046	7088903
CH322-126B05	CHORI-322	3R	5040075	5059510
CH322-126B06	CHORI-322	4	910924	929763
CH322-126B08	CHORI-322	2L	8044275	8065087
CH322-126B09	CHORI-322	3R	10407790	10426065
CH322-126B12	CHORI-322	X	18942766	18965695
CH322-126B13	CHORI-322	2L	3959340	3978520
CH322-126B15	CHORI-322	3R	17292955	17311663
CH322-126B16	CHORI-322	3L	13775029	13795586
CH322-126B19	CHORI-322	3L	11161740	11182905
CH322-126B21	CHORI-322	3R	25471817	25490344
CH322-126B22	CHORI-322	3L	58840	76720
CH322-126B23	CHORI-322	3L	2525125	2545788
CH322-126B24	CHORI-322	3L	20781166	20803898
CH322-126C01	CHORI-322	3L	1194885	1213558
CH322-126C02	CHORI-322	2R	9104072	9121691
CH322-126C04	CHORI-322	3L	21087870	21108207
CH322-126C05	CHORI-322	2L	12339509	12360682
CH322-126C06	CHORI-322	2L	20657972	20677377
CH322-126C08	CHORI-322	3L	12610787	12631001
CH322-126C09	CHORI-322	3L	9569567	9588190
CH322-126C10	CHORI-322	3R	2981677	3000654
CH322-126C12	CHORI-322	3L	4453421	4473804
CH322-126C13	CHORI-322	X	11076921	11096704
CH322-126C15	CHORI-322	2L	15623046	15643769
CH322-126C17	CHORI-322	X	7136198	7157175

CH322-126C18	CHORI-322	2R	6266281	6285830
CH322-126C21	CHORI-322	3L	7208740	7230390
CH322-126C22	CHORI-322	2R	4060848	4082591
CH322-126C23	CHORI-322	3L	950069	970673
CH322-126C24	CHORI-322	3R	1915299	1933735
CH322-126D01	CHORI-322	X	21145309	21164419
CH322-126D02	CHORI-322	3R	59621 81256	
CH322-126D03	CHORI-322	2L	1531703	1550225
CH322-126D05	CHORI-322	2L	14682732	14704160
CH322-126D06	CHORI-322	3L	22075002	22098225
CH322-126D09	CHORI-322	X	10130514	10151957
CH322-126D10	CHORI-322	3L	18977033	18996218
CH322-126D11	CHORI-322	2R	1987036	2007241
CH322-126D13	CHORI-322	3L	21129909	21151649
CH322-126D14	CHORI-322	3L	22358977	22380846
CH322-126D15	CHORI-322	2L	12280987	12302253
CH322-126D17	CHORI-322	3L	4827834	4846714
CH322-126D18	CHORI-322	3L	5711660	5732683
CH322-126D19	CHORI-322	3R	9954088	9974540
CH322-126D20	CHORI-322	2R	15331030	15349333
CH322-126D21	CHORI-322	2L	4482167	4502756
CH322-126D23	CHORI-322	2L	6307456	6325274
CH322-126D24	CHORI-322	2R	14070581	14092642
CH322-126E04	CHORI-322	2R	7646730	7666823
CH322-126E05	CHORI-322	3L	2343647	2362533
CH322-126E07	CHORI-322	3R	27010112	27027740
CH322-126E10	CHORI-322	3L	13109746	13129230
CH322-126E12	CHORI-322	3R	1295954	1317465
CH322-126E13	CHORI-322	2R	17204058	17226568
CH322-126E14	CHORI-322	3L	6365259	6383320
CH322-126E16	CHORI-322	2R	5203309	5227443
CH322-126E17	CHORI-322	2L	11245148	11263299
CH322-126E18	CHORI-322	2L	13230819	13251587
CH322-126E19	CHORI-322	3L	14648119	14668176
CH322-126E20	CHORI-322	3R	7961962	7984239
CH322-126E22	CHORI-322	X	3139630	3156584
CH322-126F04	CHORI-322	3L	10038321	10058730
CH322-126F06	CHORI-322	2L	18928676	18949304
CH322-126F09	CHORI-322	X	3806085	3824010
CH322-126F10	CHORI-322	3R	23502229	23523176
CH322-126F11	CHORI-322	X	2649546	2670676
CH322-126F14	CHORI-322	3R	6243750	6261737
CH322-126F16	CHORI-322	2L	4580934	4599075
CH322-126F17	CHORI-322	2L	22962966	22983181
CH322-126F18	CHORI-322	2R	9191603	9213602
CH322-126F19	CHORI-322	X	20001102	20021181
CH322-126F20	CHORI-322	2L	13084842	13104760
CH322-126F22	CHORI-322	2R	3371012	3392361
CH322-126G02	CHORI-322	2L	12533044	12551317
CH322-126G03	CHORI-322	3R	4418550	4438747
CH322-126G09	CHORI-322	X	1310606	1334094
CH322-126G11	CHORI-322	X	9592240	9616610
CH322-126G12	CHORI-322	3R	8223524	8242776
CH322-126G14	CHORI-322	X	3537772	3555469

CH322-126G17	CHORI-322	2L	14790925	14811704
CH322-126G18	CHORI-322	3R	13087441	13106621
CH322-126G19	CHORI-322	X	16140156	16161879
CH322-126G20	CHORI-322	3L	21777344	21800360
CH322-126G21	CHORI-322	2L	9531780	9553830
CH322-126G22	CHORI-322	3R	13087441	13106621
CH322-126H02	CHORI-322	3R	18749748	18771449
CH322-126H03	CHORI-322	X	18704393	18725248
CH322-126H04	CHORI-322	2R	1964654	1984570
CH322-126H06	CHORI-322	X	20213836	20233680
CH322-126H09	CHORI-322	2R	16968067	16987919
CH322-126H12	CHORI-322	2R	1982720	2002902
CH322-126H13	CHORI-322	3R	27344523	27365425
CH322-126H17	CHORI-322	3R	9498985	9518065
CH322-126H18	CHORI-322	3L	685838	707285
CH322-126H19	CHORI-322	3L	8929868	8950808
CH322-126H20	CHORI-322	3R	24120074	24141768
CH322-126H21	CHORI-322	2L	6636830	6655474
CH322-126H23	CHORI-322	2L	9650601	9670771
CH322-126I04	CHORI-322	X	11936266	11953768
CH322-126I06	CHORI-322	2R	13115095	13133010
CH322-126I07	CHORI-322	2L	7206629	7224938
CH322-126I08	CHORI-322	3R	24329752	24350547
CH322-126I09	CHORI-322	X	6404242	6423602
CH322-126I10	CHORI-322	3RHet	671295	692377
CH322-126I12	CHORI-322	2L	22243020	22264572
CH322-126I13	CHORI-322	2L	18433250	18452717
CH322-126I15	CHORI-322	2L	7452909	7469887
CH322-126I16	CHORI-322	3L	18357704	18376635
CH322-126I17	CHORI-322	3L	3371575	3391384
CH322-126I22	CHORI-322	2L	2052954	2071681
CH322-126J02	CHORI-322	3R	19632457	19653834
CH322-126J03	CHORI-322	3L	5254839	5272996
CH322-126J06	CHORI-322	2L	14531054	14553271
CH322-126J08	CHORI-322	X	12950132	12969475
CH322-126J11	CHORI-322	2L	1541044	1561106
CH322-126J12	CHORI-322	3L	4577752	4598562
CH322-126J14	CHORI-322	X	11676486	11697620
CH322-126J15	CHORI-322	3L	7079261	7101218
CH322-126J18	CHORI-322	2L	7661190	7680799
CH322-126J20	CHORI-322	3L	19208413	19227133
CH322-126J22	CHORI-322	2L	9838842	9858372
CH322-126J23	CHORI-322	2R	3135444	3155855
CH322-126K01	CHORI-322	3R	3568656	3588789
CH322-126K02	CHORI-322	2L	9186286	9203927
CH322-126K03	CHORI-322	3L	999279	1019506
CH322-126K06	CHORI-322	2L	14992504	15013409
CH322-126K09	CHORI-322	3L	14903339	14922647
CH322-126K10	CHORI-322	2L	3126485	3147047
CH322-126K16	CHORI-322	3R	16330865	16348794
CH322-126K18	CHORI-322	2R	18872998	18890852
CH322-126K23	CHORI-322	2L	12957610	12977843
CH322-126K24	CHORI-322	3L	10460854	10478212
CH322-126L02	CHORI-322	2L	18160635	18180748

CH322-126L03	CHORI-322	3R	10613683	10634777
CH322-126L04	CHORI-322	X	10451561	10472689
CH322-126L05	CHORI-322	3L	7445189	7462695
CH322-126L06	CHORI-322	3L	21554633	21574858
CH322-126L10	CHORI-322	3R	22883870	22904740
CH322-126L11	CHORI-322	3L	14339691	14359915
CH322-126L13	CHORI-322	3R	8461642	8484431
CH322-126L14	CHORI-322	3L	9773604	9792832
CH322-126L15	CHORI-322	X	12715169	12735139
CH322-126L16	CHORI-322	3R	3975308	3994492
CH322-126L17	CHORI-322	2R	15731455	15749384
CH322-126L18	CHORI-322	2L	17533240	17554402
CH322-126L19	CHORI-322	2L	19772820	19792487
CH322-126L20	CHORI-322	2L	17840161	17857801
CH322-126L21	CHORI-322	2R	403927	423097
CH322-126L22	CHORI-322	3R	23255051	23274851
CH322-126L24	CHORI-322	3R	13322939	13347179
CH322-126M01	CHORI-322	3L	7699522	7718768
CH322-126M03	CHORI-322	3R	6452964	6470971
CH322-126M06	CHORI-322	3R	6981936	7000046
CH322-126M08	CHORI-322	2L	6146277	6166687
CH322-126M11	CHORI-322	2R	298604	320205
CH322-126M15	CHORI-322	3L	2330053	2347420
CH322-126M16	CHORI-322	X	146346	168493
CH322-126M18	CHORI-322	2L	9048376	9069441
CH322-126M19	CHORI-322	3L	2157626	2178029
CH322-126M20	CHORI-322	3L	22712155	22732744
CH322-126M22	CHORI-322	2R	20773591	20794431
CH322-126M24	CHORI-322	3L	8841369	8864013
CH322-126N01	CHORI-322	2R	11046233	11068829
CH322-126N02	CHORI-322	3R	22458440	22477828
CH322-126N03	CHORI-322	3R	14276571	14298098
CH322-126N05	CHORI-322	2R	1633298	1654516
CH322-126N06	CHORI-322	3R	12728740	12750783
CH322-126N08	CHORI-322	3L	19977265	19996811
CH322-126N11	CHORI-322	4	161775	181823
CH322-126N12	CHORI-322	2R	8241164	8259699
CH322-126N14	CHORI-322	2L	9435724	9455463
CH322-126N15	CHORI-322	2R	10855279	10877712
CH322-126N16	CHORI-322	X	1712908	1730454
CH322-126N20	CHORI-322	2L	16688507	16709831
CH322-126N21	CHORI-322	3R	13039427	13058809
CH322-126N22	CHORI-322	X	1155274	1177056
CH322-126N23	CHORI-322	3R	12505139	12524295
CH322-126N24	CHORI-322	3L	10570845	10591504
CH322-126O01	CHORI-322	3L	17601640	17619397
CH322-126O02	CHORI-322	X	15138554	15157861
CH322-126O03	CHORI-322	4	625672	643074
CH322-126O04	CHORI-322	3R	6545119	6565070
CH322-126O05	CHORI-322	3L	4853027	4876787
CH322-126O06	CHORI-322	2L	9730128	9750067
CH322-126O08	CHORI-322	2RHet	602671	623665
CH322-126O10	CHORI-322	3R	19865853	19883763
CH322-126O12	CHORI-322	3L	180906	201577

CH322-126O13	CHORI-322	3L	3101709	3121290
CH322-126O15	CHORI-322	2L	7255818	7276932
CH322-126O16	CHORI-322	2L	9664293	9685221
CH322-126O19	CHORI-322	X	21914181	21930819
CH322-126O21	CHORI-322	3R	21317868	21337086
CH322-126O22	CHORI-322	X	8513569	8536812
CH322-126O23	CHORI-322	2R	88927	108436
CH322-126P03	CHORI-322	3R	9233356	9253315
CH322-126P04	CHORI-322	3R	25813901	25836753
CH322-126P07	CHORI-322	3L	5762610	5782638
CH322-126P08	CHORI-322	3L	12507658	12526262
CH322-126P09	CHORI-322	X	12932784	12952943
CH322-126P10	CHORI-322	X	17846729	17867603
CH322-126P12	CHORI-322	X	14420925	14441967
CH322-126P13	CHORI-322	3R	392101	409506
CH322-126P15	CHORI-322	3LHet	1571785	1591337
CH322-126P16	CHORI-322	3L	23452921	23474301
CH322-126P18	CHORI-322	2L	22104510	22124160
CH322-126P19	CHORI-322	3R	21375533	21398248
CH322-126P20	CHORI-322	3L	21815928	21840197
CH322-126P21	CHORI-322	2R	4931838	4954638
CH322-126P22	CHORI-322	2R	2812946	2834471
CH322-126P23	CHORI-322	2L	5643208	5662750
CH322-126P24	CHORI-322	3R	4984985	5004212
CH322-127A01	CHORI-322	2RHet	1707152	1729418
CH322-127A02	CHORI-322	4	403735	423841
CH322-127A03	CHORI-322	3L	22192499	22212453
CH322-127A04	CHORI-322	X	13604383	13624635
CH322-127A05	CHORI-322	3L	14695457	14714712
CH322-127A06	CHORI-322	3RHet	1220450	1238311
CH322-127A08	CHORI-322	3R	17352665	17370471
CH322-127A10	CHORI-322	3L	22233873	22253105
CH322-127A11	CHORI-322	3L	15862656	15880150
CH322-127A12	CHORI-322	2L	12475032	12494492
CH322-127A13	CHORI-322	X	1320508	1343865
CH322-127A14	CHORI-322	2R	14205955	14227021
CH322-127A15	CHORI-322	2L	7526383	7548859
CH322-127A16	CHORI-322	X	10857206	10876943
CH322-127A17	CHORI-322	3RHet	1163889	1185524
CH322-127A18	CHORI-322	X	8238609	8256316
CH322-127A19	CHORI-322	X	19099616	19120036
CH322-127A21	CHORI-322	2R	10556066	10574624
CH322-127A22	CHORI-322	X	1012058	1030446
CH322-127A24	CHORI-322	3R	13115325	13136401
CH322-127B01	CHORI-322	3L	3811100	3833593
CH322-127B04	CHORI-322	3R	19904289	19927437
CH322-127B06	CHORI-322	3R	19394696	19416872
CH322-127B07	CHORI-322	2R	11283062	11299885
CH322-127B08	CHORI-322	2L	21665467	21689384
CH322-127B09	CHORI-322	3LHet	1869118	1891287
CH322-127B10	CHORI-322	2R	10880990	10901342
CH322-127B11	CHORI-322	3R	18985982	19002991
CH322-127B14	CHORI-322	3L	22869784	22890036
CH322-127B15	CHORI-322	X	17538512	17557187

CH322-127B16	CHORI-322	3L	13750293	13769361
CH322-127B17	CHORI-322	2R	1999484	2018731
CH322-127B18	CHORI-322	X	4091501	4112909
CH322-127B20	CHORI-322	2L	2732818	2752702
CH322-127B22	CHORI-322	2L	17037931	17058402
CH322-127B23	CHORI-322	2L	18925778	18949308
CH322-127B24	CHORI-322	X	4309276	4329725
CH322-127C01	CHORI-322	3R	22415752	22437614
CH322-127C02	CHORI-322	3R	19462681	19485253
CH322-127C03	CHORI-322	X	18289768	18309697
CH322-127C04	CHORI-322	3R	6245212	6264372
CH322-127C05	CHORI-322	X	1065659	1086830
CH322-127C07	CHORI-322	2L	18916593	18937094
CH322-127C08	CHORI-322	3R	13839659	13862629
CH322-127C09	CHORI-322	2L	3917926	3937369
CH322-127C10	CHORI-322	2L	19183336	19205923
CH322-127C11	CHORI-322	3L	17990121	18008079
CH322-127C12	CHORI-322	3R	6913158	6933952
CH322-127C14	CHORI-322	3L	21143732	21162684
CH322-127C15	CHORI-322	3R	19357574	19377745
CH322-127C16	CHORI-322	2R	11493737	11515626
CH322-127C17	CHORI-322	X	5805530	5826995
CH322-127C18	CHORI-322	X	14602584	14625510
CH322-127C20	CHORI-322	2L	21177356	21197897
CH322-127C21	CHORI-322	2R	4434827	4452916
CH322-127C24	CHORI-322	X	9231297	9251580
CH322-127D01	CHORI-322	2R	1538972	1558730
CH322-127D02	CHORI-322	2L	2117559	2136125
CH322-127D03	CHORI-322	3R	27180671	27205715
CH322-127D04	CHORI-322	2R	15705809	15727328
CH322-127D05	CHORI-322	2L	2287542	2308267
CH322-127D06	CHORI-322	2R	18067355	18090131
CH322-127D09	CHORI-322	2R	5007758	5025258
CH322-127D10	CHORI-322	3L	13858309	13878256
CH322-127D11	CHORI-322	2L	6497427	6517979
CH322-127D12	CHORI-322	2L	9169195	9187438
CH322-127D14	CHORI-322	3L	8102920	8125562
CH322-127D15	CHORI-322	X	19780644	19800913
CH322-127D16	CHORI-322	3R	17338263	17358235
CH322-127D17	CHORI-322	2L	3253160	3271345
CH322-127D18	CHORI-322	3L	3026412	3043418
CH322-127D19	CHORI-322	X	20802872	20823870
CH322-127D21	CHORI-322	3L	8234024	8254310
CH322-127D22	CHORI-322	3R	26526855	26547035
CH322-127D23	CHORI-322	3R	6862021	6884418
CH322-127D24	CHORI-322	3L	2469714	2490314
CH322-127E01	CHORI-322	2L	19627427	19648362
CH322-127E03	CHORI-322	3R	17000450	17020967
CH322-127E04	CHORI-322	3L	22873267	22894950
CH322-127E05	CHORI-322	3R	20801347	20823662
CH322-127E06	CHORI-322	ArmU	2214356	2233776
CH322-127E07	CHORI-322	3R	24634136	24652179
CH322-127E08	CHORI-322	X	14428217	14445893
CH322-127E09	CHORI-322	2L	3913555	3933136

CH322-127E10	CHORI-322	3L	10657215	10675517
CH322-127E11	CHORI-322	3L	20317225	20334091
CH322-127E12	CHORI-322	2RHet	1073198	1091188
CH322-127E13	CHORI-322	3R	20549196	20570711
CH322-127E14	CHORI-322	2R	16557807	16580878
CH322-127E15	CHORI-322	2R	10602536	10622232
CH322-127E16	CHORI-322	X	9285610	9304156
CH322-127E18	CHORI-322	3R	14158532	14175102
CH322-127E19	CHORI-322	2R	2840627	2860103
CH322-127E20	CHORI-322	3R	7869753	7886517
CH322-127E21	CHORI-322	2R	7672701	7692227
CH322-127E22	CHORI-322	2R	9668318	9688853
CH322-127E24	CHORI-322	3R	10160584	10181379
CH322-127F01	CHORI-322	3L	21609812	21626902
CH322-127F02	CHORI-322	3R	19779507	19798666
CH322-127F04	CHORI-322	3R	15272359	15289247
CH322-127F05	CHORI-322	3L	23304391	23327520
CH322-127F08	CHORI-322	2L	9257338	9279947
CH322-127F09	CHORI-322	2L	14707460	14727689
CH322-127F10	CHORI-322	3L	23658696	23680601
CH322-127F11	CHORI-322	2R	15844079	15866789
CH322-127F12	CHORI-322	2RHet	2860820	2884399
CH322-127F14	CHORI-322	3R	14688386	14706270
CH322-127F15	CHORI-322	2L	10103539	10124977
CH322-127F17	CHORI-322	4	359687	378303
CH322-127F18	CHORI-322	3R	20937297	20959060
CH322-127F19	CHORI-322	3L	7021012	7043324
CH322-127F20	CHORI-322	2L	5642391	5662750
CH322-127F21	CHORI-322	2L	16112301	16133762
CH322-127F22	CHORI-322	3R	25737423	25761374
CH322-127F23	CHORI-322	3L	1525295	1548025
CH322-127G01	CHORI-322	3R	10201977	10219055
CH322-127G02	CHORI-322	3R	10975127	10996967
CH322-127G03	CHORI-322	2R	14903722	14922997
CH322-127G06	CHORI-322	2R	15075600	15096847
CH322-127G07	CHORI-322	3R	15944710	15963457
CH322-127G08	CHORI-322	3L	15176880	15196189
CH322-127G10	CHORI-322	3RHet	1167194	1187401
CH322-127G11	CHORI-322	2L	20778742	20799330
CH322-127G12	CHORI-322	2L	8383707	8405413
CH322-127G16	CHORI-322	2L	6213111	6231942
CH322-127G17	CHORI-322	2L	4324529	4342500
CH322-127G18	CHORI-322	2R	17997447	18018144
CH322-127G19	CHORI-322	3L	2191627	2210002
CH322-127G20	CHORI-322	3L	67041	90722
CH322-127G21	CHORI-322	3R	13035925	13055977
CH322-127G22	CHORI-322	3L	15896315	15918830
CH322-127G23	CHORI-322	X	16052070	16071454
CH322-127G24	CHORI-322	3L	528174	547846
CH322-127H01	CHORI-322	2R	18399798	18420312
CH322-127H02	CHORI-322	3LHet	675344	695109
CH322-127H05	CHORI-322	X	909188	937025
CH322-127H07	CHORI-322	3R	12988556	13007750
CH322-127H08	CHORI-322	2R	15487436	15505011

CH322-127H10	CHORI-322	X	2739981	2757691
CH322-127H12	CHORI-322	2R	17256385	17274232
CH322-127H16	CHORI-322	X	12596740	12616729
CH322-127H17	CHORI-322	3LHet	717193	741343
CH322-127H18	CHORI-322	X	15322752	15340288
CH322-127H19	CHORI-322	2L	10545971	10566345
CH322-127H21	CHORI-322	2R	20659533	20681934
CH322-127H23	CHORI-322	3L	11325480	11345570
CH322-127H24	CHORI-322	ArmU	1261915	1281421
CH322-127I01	CHORI-322	3R	24836217	24857506
CH322-127I03	CHORI-322	2R	15434027	15454357
CH322-127I04	CHORI-322	2R	13524527	13546070
CH322-127I05	CHORI-322	2L	21740501	21761784
CH322-127I06	CHORI-322	3R	23139862	23160085
CH322-127I07	CHORI-322	2R	17342376	17360145
CH322-127I09	CHORI-322	3L	21309632	21332985
CH322-127I10	CHORI-322	2R	8047229	8067099
CH322-127I12	CHORI-322	3R	24758336	24779230
CH322-127I13	CHORI-322	X	17136226	17160614
CH322-127I14	CHORI-322	3L	13436400	13457907
CH322-127I15	CHORI-322	2L	4231947	4250775
CH322-127I16	CHORI-322	3L	18032211	18051641
CH322-127I17	CHORI-322	2L	5414000	5436403
CH322-127I19	CHORI-322	3R	2387624	2409015
CH322-127I20	CHORI-322	3R	3688566	3705950
CH322-127I21	CHORI-322	2L	12490301	12509491
CH322-127I24	CHORI-322	X	4738422	4757437
CH322-127J01	CHORI-322	2L	18101962	18122544
CH322-127J02	CHORI-322	2L	16818270	16837241
CH322-127J03	CHORI-322	3R	18792128	18813021
CH322-127J06	CHORI-322	3R	26888427	26909485
CH322-127J08	CHORI-322	3R	11755824	11776956
CH322-127J11	CHORI-322	2L	16589577	16608259
CH322-127J12	CHORI-322	3R	11340322	11357649
CH322-127J14	CHORI-322	3L	5812201	5833253
CH322-127J17	CHORI-322	X	13358772	13380110
CH322-127J18	CHORI-322	3R	1033693	1056363
CH322-127J19	CHORI-322	X	4164293	4181740
CH322-127J20	CHORI-322	3R	23449216	23467592
CH322-127J21	CHORI-322	2R	15723764	15744639
CH322-127J22	CHORI-322	2L	1246422	1263576
CH322-127K01	CHORI-322	X	13210544	13228921
CH322-127K03	CHORI-322	2L	10819257	10837115
CH322-127K04	CHORI-322	2R	6277564	6299784
CH322-127K05	CHORI-322	3R	14462704	14482506
CH322-127K06	CHORI-322	3R	21376940	21399643
CH322-127K07	CHORI-322	2L	10606463	10626805
CH322-127K08	CHORI-322	2LHet	157032	177649
CH322-127K09	CHORI-322	2R	20206773	20226314
CH322-127K10	CHORI-322	X	3533225	3554613
CH322-127K11	CHORI-322	2L	9038117	9060873
CH322-127K15	CHORI-322	X	9728532	9749691
CH322-127K16	CHORI-322	3R	9503230	9523172
CH322-127K17	CHORI-322	3R	16505434	16524639

CH322-127K19	CHORI-322	2L	18654870	18672281
CH322-127K21	CHORI-322	X	7885199	7909484
CH322-127K23	CHORI-322	2L	19081526	19103464
CH322-127K24	CHORI-322	2L	4404781	4427320
CH322-127L01	CHORI-322	2L	11579063	11598193
CH322-127L02	CHORI-322	X	1973620	1991846
CH322-127L03	CHORI-322	3R	2007750	2027964
CH322-127L04	CHORI-322	X	5394344	5415162
CH322-127L05	CHORI-322	3R	24141765	24159601
CH322-127L06	CHORI-322	2L	3829645	3851242
CH322-127L07	CHORI-322	2R	8954682	8976449
CH322-127L08	CHORI-322	3R	27762688	27782487
CH322-127L09	CHORI-322	2R	8788075	8805792
CH322-127L10	CHORI-322	2R	2847569	2868821
CH322-127L11	CHORI-322	2R	10681087	10699689
CH322-127L12	CHORI-322	3L	6571724	6591564
CH322-127L13	CHORI-322	2R	9700434	9719626
CH322-127L16	CHORI-322	3L	5248188	5268216
CH322-127L17	CHORI-322	X	17842379	17862460
CH322-127L18	CHORI-322	2R	8338123	8357292
CH322-127L19	CHORI-322	3R	2360352	2379922
CH322-127L20	CHORI-322	3R	25144250	25162573
CH322-127L21	CHORI-322	3L	3560797	3580713
CH322-127L22	CHORI-322	2R	20734752	20756246
CH322-127L24	CHORI-322	3LHet	559133	581811
CH322-127M01	CHORI-322	3L	14699107	14720145
CH322-127M02	CHORI-322	2L	20664891	20685123
CH322-127M03	CHORI-322	2L	3728829	3752639
CH322-127M04	CHORI-322	2R	7134780	7154222
CH322-127M08	CHORI-322	3L	3939160	3957649
CH322-127M10	CHORI-322	3R	11219324	11238548
CH322-127M11	CHORI-322	2L	7745054	7765133
CH322-127M12	CHORI-322	X	15704888	15724584
CH322-127M14	CHORI-322	3L	12505252	12528306
CH322-127M15	CHORI-322	3L	414737	433808
CH322-127M16	CHORI-322	2R	19351510	19372739
CH322-127M17	CHORI-322	3L	4344820	4364918
CH322-127M18	CHORI-322	2R	7805568	7826480
CH322-127M20	CHORI-322	3L	14233390	14251426
CH322-127M22	CHORI-322	2L	22618407	22637252
CH322-127M23	CHORI-322	X	21120803	21140919
CH322-127M24	CHORI-322	3R	22696508	22716390
CH322-127N02	CHORI-322	X	5322927	5343445
CH322-127N03	CHORI-322	X	7465597	7486983
CH322-127N04	CHORI-322	2R	13092968	13113608
CH322-127N05	CHORI-322	3L	10764770	10784333
CH322-127N06	CHORI-322	2L	16104236	16127989
CH322-127N07	CHORI-322	3L	10081129	10102766
CH322-127N08	CHORI-322	3R	10622509	10640801
CH322-127N09	CHORI-322	3R	18931839	18950740
CH322-127N11	CHORI-322	3L	14630767	14650314
CH322-127N12	CHORI-322	2L	17537341	17556501
CH322-127N13	CHORI-322	3R	23942089	23962687
CH322-127N14	CHORI-322	2R	7925751	7949015

CH322-127N15	CHORI-322	3R	20644637	20667490
CH322-127N17	CHORI-322	2R	11855919	11876989
CH322-127N18	CHORI-322	2L	15443124	15461859
CH322-127N19	CHORI-322	X	18475048	18497014
CH322-127N20	CHORI-322	3L	12781517	12800272
CH322-127N22	CHORI-322	3L	11343871	11363951
CH322-127N23	CHORI-322	X	72237 92902	
CH322-127O01	CHORI-322	2L	7727889	7746003
CH322-127O02	CHORI-322	X	4311969	4335563
CH322-127O05	CHORI-322	3L	16190416	16210698
CH322-127O06	CHORI-322	2R	18763549	18783548
CH322-127O08	CHORI-322	X	1773169	1794907
CH322-127O09	CHORI-322	2R	3780860	3801392
CH322-127O10	CHORI-322	2L	15217475	15240512
CH322-127O11	CHORI-322	2R	1306274	1326302
CH322-127O12	CHORI-322	2L	4122193	4143027
CH322-127O14	CHORI-322	3R	8149864	8169436
CH322-127O15	CHORI-322	3R	25732562	25751685
CH322-127O17	CHORI-322	2L	19583421	19603111
CH322-127O18	CHORI-322	3L	5896353	5916145
CH322-127O19	CHORI-322	X	19348231	19368411
CH322-127O20	CHORI-322	2L	20794625	20814960
CH322-127O21	CHORI-322	2L	4375027	4397185
CH322-127O22	CHORI-322	3R	24380435	24400708
CH322-127O23	CHORI-322	3R	12496829	12514711
CH322-127O24	CHORI-322	3L	18914483	18932672
CH322-127P02	CHORI-322	3R	6584182	6604875
CH322-127P03	CHORI-322	3L	600256	620003
CH322-127P05	CHORI-322	X	15403476	15422862
CH322-127P06	CHORI-322	2R	1369447	1393014
CH322-127P07	CHORI-322	3L	9225692	9246002
CH322-127P08	CHORI-322	3R	21024658	21042280
CH322-127P09	CHORI-322	3R	7265915	7290120
CH322-127P10	CHORI-322	2R	19849978	19874363
CH322-127P11	CHORI-322	2R	12848057	12868005
CH322-127P12	CHORI-322	3R	17279102	17297926
CH322-127P13	CHORI-322	2L	10790657	10811077
CH322-127P14	CHORI-322	3R	14652331	14670336
CH322-127P15	CHORI-322	2L	4011774	4030591
CH322-127P16	CHORI-322	3R	15151009	15170748
CH322-127P18	CHORI-322	3L	8716102	8738368
CH322-127P19	CHORI-322	3R	3201750	3223695
CH322-127P21	CHORI-322	2L	9860587	9882499
CH322-127P22	CHORI-322	3L	22496879	22516783
CH322-127P23	CHORI-322	3L	8613811	8634260
CH322-127P24	CHORI-322	X	9468643	9488797
CH322-128A08	CHORI-322	3R	26629580	26651013
CH322-128B02	CHORI-322	3R	25134906	25156040
CH322-128B03	CHORI-322	3R	19554181	19575508
CH322-128B04	CHORI-322	3R	14839419	14861567
CH322-128B05	CHORI-322	3R	22566716	22586498
CH322-128B07	CHORI-322	3R	4025989	4046865
CH322-128B08	CHORI-322	3R	1796270	1818418
CH322-128B10	CHORI-322	3R	12709309	12729641

CH322-128B12	CHORI-322	3L	12552330	12574335
CH322-128B17	CHORI-322	3R	1783050	1803975
CH322-128C01	CHORI-322	2L	14706056	14725695
CH322-128C02	CHORI-322	X	12247230	12266999
CH322-128C03	CHORI-322	3L	15266682	15286595
CH322-128C04	CHORI-322	X	3658668	3676697
CH322-128C05	CHORI-322	2R	12403546	12424001
CH322-128C06	CHORI-322	2L	14431874	14449551
CH322-128C08	CHORI-322	3L	18226399	18246908
CH322-128C10	CHORI-322	3L	10494638	10515015
CH322-128C12	CHORI-322	3L	5826431	5846500
CH322-128C13	CHORI-322	2L	10660763	10681967
CH322-128C16	CHORI-322	2L	11574631	11598193
CH322-128C19	CHORI-322	3L	9740637	9759807
CH322-128D01	CHORI-322	3L	3522010	3539968
CH322-128D03	CHORI-322	2RHet	1569776	1587670
CH322-128D04	CHORI-322	3L	14484581	14501277
CH322-128D05	CHORI-322	4	152698	170135
CH322-128D06	CHORI-322	3R	26841212	26861982
CH322-128D07	CHORI-322	2L	17225088	17243122
CH322-128D08	CHORI-322	3L	10561518	10580698
CH322-128D09	CHORI-322	3L	6506569	6528808
CH322-128D11	CHORI-322	3R	23460071	23479260
CH322-128D13	CHORI-322	3R	16106435	16125975
CH322-128D14	CHORI-322	2L	19891898	19911562
CH322-128D16	CHORI-322	2R	8284644	8305198
CH322-128E01	CHORI-322	X	16465152	16482009
CH322-128E02	CHORI-322	2L	4051554	4068565
CH322-128E03	CHORI-322	3R	4924244	4943616
CH322-128E04	CHORI-322	3R	22955069	22974280
CH322-128E05	CHORI-322	3R	26676689	26696889
CH322-128E06	CHORI-322	2L	8489337	8510461
CH322-128E07	CHORI-322	3L	11642778	11662218
CH322-128E08	CHORI-322	3L	5502678	5520142
CH322-128E09	CHORI-322	3R	5763249	5783799
CH322-128E11	CHORI-322	X	5484296	5505452
CH322-128E13	CHORI-322	2R	4186058	4207722
CH322-128E15	CHORI-322	2L	13476463	13498042
CH322-128E16	CHORI-322	3R	17166135	17187880
CH322-128E17	CHORI-322	X	14096414	14114433
CH322-128F01	CHORI-322	3L	6283206	6303433
CH322-128F02	CHORI-322	3L	542495	561138
CH322-128F05	CHORI-322	3R	25867344	25888046
CH322-128F08	CHORI-322	3R	24289932	24307055
CH322-128F09	CHORI-322	3R	3816801	3835018
CH322-128F10	CHORI-322	3R	10049507	10070487
CH322-128F11	CHORI-322	3L	23116299	23137421
CH322-128F12	CHORI-322	3R	3531915	3552585
CH322-128F13	CHORI-322	3R	21038287	21057200
CH322-128F14	CHORI-322	2R	11910484	11933063
CH322-128F15	CHORI-322	3R	1029695	1048221
CH322-128F16	CHORI-322	2RHet	743519	762600
CH322-128G01	CHORI-322	2R	7608732	7628496
CH322-128G02	CHORI-322	2L	2382747	2402425

CH322-128G03	CHORI-322	2L	1145173	1168680
CH322-128G04	CHORI-322	3R	14984981	15003930
CH322-128G05	CHORI-322	2R	7871084	7893428
CH322-128G06	CHORI-322	3L	4866298	4890936
CH322-128G07	CHORI-322	3L	22034305	22055012
CH322-128G08	CHORI-322	X	9007214	9025743
CH322-128G09	CHORI-322	3R	9822355	9841920
CH322-128G10	CHORI-322	2R	825658	847115
CH322-128G11	CHORI-322	X	21430146	21452737
CH322-128G12	CHORI-322	3L	10841063	10861630
CH322-128G13	CHORI-322	2R	5207355	5225331
CH322-128G15	CHORI-322	3R	21988141	22008322
CH322-128G16	CHORI-322	XHet	65224 83325	
CH322-128G18	CHORI-322	3R	8702656	8722542
CH322-128G19	CHORI-322	3R	11478091	11495049
CH322-128G20	CHORI-322	3L	15145138	15166719
CH322-128G22	CHORI-322	X	22124755	22144094
CH322-128H01	CHORI-322	3L	1059874	1082671
CH322-128H02	CHORI-322	2R	20489469	20507740
CH322-128H04	CHORI-322	2R	11305764	11326360
CH322-128H05	CHORI-322	3R	23630315	23651918
CH322-128H06	CHORI-322	2R	11190087	11211760
CH322-128H07	CHORI-322	3R	12492004	12514584
CH322-128H08	CHORI-322	3R	9896132	9916007
CH322-128H10	CHORI-322	2R	8037499	8053213
CH322-128H11	CHORI-322	2L	10258969	10281913
CH322-128H12	CHORI-322	3R	2566901	2587751
CH322-128H14	CHORI-322	2R	16988996	17007944
CH322-128I01	CHORI-322	2L	17521753	17538634
CH322-128I04	CHORI-322	2L	13732334	13749644
CH322-128I05	CHORI-322	X	16601722	16624115
CH322-128I06	CHORI-322	3L	22638405	22655855
CH322-128I08	CHORI-322	X	20969491	20989741
CH322-128I09	CHORI-322	3R	3342641	3365271
CH322-128I11	CHORI-322	3R	23073102	23096262
CH322-128I12	CHORI-322	2RHet	369000	388664
CH322-128I13	CHORI-322	3R	13092404	13114574
CH322-128I14	CHORI-322	3R	1957396	1976807
CH322-128I15	CHORI-322	X	14778419	14801178
CH322-128I16	CHORI-322	2R	20315442	20333157
CH322-128I17	CHORI-322	X	4663223	4686272
CH322-128I18	CHORI-322	3L	1749769	1769680
CH322-128I20	CHORI-322	2L	4287820	4309766
CH322-128J02	CHORI-322	2L	12099185	12118557
CH322-128J03	CHORI-322	2R	17792312	17809930
CH322-128J04	CHORI-322	2L	6148711	6165735
CH322-128J05	CHORI-322	X	16358472	16378425
CH322-128J07	CHORI-322	2R	12152390	12170457
CH322-128J08	CHORI-322	2R	14759744	14778070
CH322-128J09	CHORI-322	3L	21894527	21914287
CH322-128J11	CHORI-322	3R	7991446	8012980
CH322-128J12	CHORI-322	3R	15353992	15375616
CH322-128J13	CHORI-322	3R	21510275	21531021
CH322-128J15	CHORI-322	3L	11575844	11597993

CH322-128J16	CHORI-322	2R	21010358	21030659
CH322-128J19	CHORI-322	3L	22514906	22532907
CH322-128J20	CHORI-322	3R	2893778	2914141
CH322-128K03	CHORI-322	X	14848818	14870770
CH322-128K04	CHORI-322	2R	13256700	13277512
CH322-128K05	CHORI-322	3L	11243170	11263987
CH322-128K06	CHORI-322	3L	7640453	7658961
CH322-128K07	CHORI-322	2R	6643472	6663937
CH322-128K09	CHORI-322	3R	5847970	5870598
CH322-128K11	CHORI-322	3R	15480555	15499730
CH322-128K13	CHORI-322	2R	16276515	16298037
CH322-128K14	CHORI-322	3L	11317954	11336202
CH322-128K15	CHORI-322	2R	5038284	5061191
CH322-128K16	CHORI-322	2L	17203674	17226123
CH322-128K17	CHORI-322	X	6361874	6379904
CH322-128K18	CHORI-322	2R	5845461	5863277
CH322-128K20	CHORI-322	2R	1766317	1787279
CH322-128L01	CHORI-322	2R	19826203	19848063
CH322-128L02	CHORI-322	3L	11104405	11124039
CH322-128L03	CHORI-322	2R	13849941	13871604
CH322-128L05	CHORI-322	3L	6520117	6538832
CH322-128L06	CHORI-322	2R	15931487	15952906
CH322-128L08	CHORI-322	X	10506358	10524794
CH322-128L09	CHORI-322	X	5169137	5191875
CH322-128L12	CHORI-322	3R	11480228	11499315
CH322-128L13	CHORI-322	3L	24485387	24503050
CH322-128L14	CHORI-322	3R	26734124	26756079
CH322-128L15	CHORI-322	3L	5229277	5246942
CH322-128L16	CHORI-322	3L	9778217	9800477
CH322-128L17	CHORI-322	3L	11011414	11033556
CH322-128L20	CHORI-322	2R	8210618	8233413
CH322-128M01	CHORI-322	3R	12315954	12333966
CH322-128M02	CHORI-322	3R	4076273	4094538
CH322-128M03	CHORI-322	3L	9265341	9288371
CH322-128M04	CHORI-322	2R	12328086	12348824
CH322-128M05	CHORI-322	X	1368160	1390143
CH322-128M06	CHORI-322	2L	10089553	10112116
CH322-128M07	CHORI-322	3R	15989555	16006487
CH322-128M08	CHORI-322	X	4770052	4789999
CH322-128M09	CHORI-322	3R	707547	727758
CH322-128M10	CHORI-322	2L	3228380	3250398
CH322-128M11	CHORI-322	X	6143779	6163679
CH322-128M12	CHORI-322	3R	1251535	1272080
CH322-128M13	CHORI-322	3L	19142649	19165080
CH322-128M14	CHORI-322	X	3086904	3104235
CH322-128M16	CHORI-322	3R	22351452	22371526
CH322-128M17	CHORI-322	X	5158905	5177852
CH322-128M18	CHORI-322	X	20674209	20692773
CH322-128M19	CHORI-322	3L	16862602	16884975
CH322-128M20	CHORI-322	2L	17351227	17371373
CH322-128N01	CHORI-322	3L	8260059	8285146
CH322-128N02	CHORI-322	X	7857942	7875851
CH322-128N03	CHORI-322	2L	6168847	6190441
CH322-128N04	CHORI-322	3R	8411995	8433266

CH322-128N05	CHORI-322	2L	14715923	14734211
CH322-128N06	CHORI-322	3L	14912342	14934701
CH322-128N07	CHORI-322	X	6909127	6929236
CH322-128N09	CHORI-322	3L	2754268	2774980
CH322-128N10	CHORI-322	X	1157986	1179234
CH322-128N11	CHORI-322	2R	9737118	9760698
CH322-128N12	CHORI-322	3R	25378827	25399063
CH322-128N14	CHORI-322	2L	13414088	13436612
CH322-128N15	CHORI-322	2R	10603177	10623725
CH322-128N17	CHORI-322	2R	13936913	13958863
CH322-128O01	CHORI-322	3R	332794	351957
CH322-128O02	CHORI-322	2R	20609290	20629590
CH322-128O03	CHORI-322	3R	8142662	8163042
CH322-128O04	CHORI-322	3R	14274669	14298111
CH322-128O05	CHORI-322	2L	4617784	4642089
CH322-128O07	CHORI-322	2R	4756351	4778461
CH322-128O10	CHORI-322	3L	5426936	5447178
CH322-128O11	CHORI-322	2R	10053864	10073534
CH322-128O12	CHORI-322	2R	2836379	2854430
CH322-128O13	CHORI-322	2L	15067422	15085481
CH322-128O16	CHORI-322	2L	10788889	10809150
CH322-128O17	CHORI-322	3L	7840227	7858870
CH322-128P03	CHORI-322	2R	583952	602396
CH322-128P04	CHORI-322	2L	15077060	15094359
CH322-128P05	CHORI-322	3R	3682232	3702385
CH322-128P07	CHORI-322	2L	20358136	20375946
CH322-128P08	CHORI-322	2R	3741577	3761953
CH322-128P11	CHORI-322	3R	10365415	10388012
CH322-128P12	CHORI-322	2R	11580158	11600633
CH322-129A02	CHORI-322	X	13456762	13476016
CH322-129A04	CHORI-322	2L	18026083	18047519
CH322-129A05	CHORI-322	3L	21003594	21023832
CH322-129A07	CHORI-322	X	21350271	21369028
CH322-129A08	CHORI-322	X	7394433	7414471
CH322-129A09	CHORI-322	3R	2049316	2068873
CH322-129A10	CHORI-322	2R	15301544	15323874
CH322-129A11	CHORI-322	3L	9851635	9870362
CH322-129A12	CHORI-322	X	13262571	13284288
CH322-129A13	CHORI-322	2L	3129333	3147070
CH322-129A14	CHORI-322	3L	15649013	15667702
CH322-129A15	CHORI-322	3L	22779705	22800720
CH322-129A16	CHORI-322	3R	3253110	3273557
CH322-129A17	CHORI-322	3R	14377619	14395840
CH322-129A19	CHORI-322	3R	7039894	7059587
CH322-129A20	CHORI-322	2L	13322612	13341703
CH322-129A23	CHORI-322	2L	8733743	8753329
CH322-129B01	CHORI-322	3R	22123627	22143931
CH322-129B03	CHORI-322	X	7820466	7840148
CH322-129B05	CHORI-322	2R	19439325	19461065
CH322-129B06	CHORI-322	X	826461	843596
CH322-129B07	CHORI-322	3L	4337445	4357362
CH322-129B09	CHORI-322	2R	14168286	14189453
CH322-129B10	CHORI-322	3R	20879542	20901197
CH322-129B11	CHORI-322	3R	26452387	26472610

CH322-129B12	CHORI-322	2R	541236	563417
CH322-129B13	CHORI-322	2L	18022063	18041236
CH322-129B14	CHORI-322	3R	4395244	4415666
CH322-129B15	CHORI-322	3LHet	401413	423892
CH322-129B16	CHORI-322	2L	4127488	4149062
CH322-129B17	CHORI-322	2L	19272257	19294154
CH322-129B18	CHORI-322	2L	9285227	9303752
CH322-129B19	CHORI-322	X	17451644	17472280
CH322-129B22	CHORI-322	X	18356057	18374134
CH322-129B23	CHORI-322	3R	10329726	10347940
CH322-129B24	CHORI-322	2L	21233955	21255854
CH322-129C01	CHORI-322	3L	19306757	19325823
CH322-129C02	CHORI-322	X	14509334	14529410
CH322-129C03	CHORI-322	3R	15403010	15423461
CH322-129C04	CHORI-322	3R	12095818	12115009
CH322-129C05	CHORI-322	2R	13851775	13873943
CH322-129C09	CHORI-322	2L	8867349	8888233
CH322-129C10	CHORI-322	2R	9530429	9550790
CH322-129C11	CHORI-322	3L	7735337	7753806
CH322-129C14	CHORI-322	2R	89907 110568	
CH322-129C15	CHORI-322	3L	13691084	13711408
CH322-129C16	CHORI-322	3L	7948258	7966528
CH322-129C19	CHORI-322	3R	18131207	18154137
CH322-129C20	CHORI-322	X	7432068	7455127
CH322-129D01	CHORI-322	2R	6563156	6581378
CH322-129D02	CHORI-322	X	19395301	19416619
CH322-129D03	CHORI-322	4	1067620	1087378
CH322-129D05	CHORI-322	3L	15678917	15698555
CH322-129D08	CHORI-322	3L	9572443	9595152
CH322-129D11	CHORI-322	3R	14231128	14251815
CH322-129D12	CHORI-322	2RHet	2841092	2860823
CH322-129D13	CHORI-322	X	20021178	20041783
CH322-129D14	CHORI-322	3R	9071388	9092437
CH322-129D15	CHORI-322	3L	20031308	20051793
CH322-129D16	CHORI-322	2L	388386	411280
CH322-129D18	CHORI-322	3R	20674740	20695612
CH322-129D19	CHORI-322	2R	10671995	10690451
CH322-129D20	CHORI-322	3L	4830732	4853106
CH322-129D21	CHORI-322	3L	469661	490079
CH322-129D23	CHORI-322	2L	4406417	4424573
CH322-129D24	CHORI-322	3LHet	198767	216051
CH322-129E01	CHORI-322	2R	2835502	2854350
CH322-129E06	CHORI-322	2RHet	1419423	1439644
CH322-129E08	CHORI-322	3R	21382231	21400169
CH322-129E09	CHORI-322	X	1192821	1212659
CH322-129E10	CHORI-322	2R	18301941	18326149
CH322-129E11	CHORI-322	2R	16336021	16357332
CH322-129E13	CHORI-322	X	9411029	9432572
CH322-129E14	CHORI-322	2L	5072704	5094133
CH322-129E16	CHORI-322	2L	14114658	14133077
CH322-129E17	CHORI-322	2R	12771706	12792686
CH322-129E18	CHORI-322	3L	15606941	15625260
CH322-129E19	CHORI-322	X	7349770	7367812
CH322-129E21	CHORI-322	X	1930076	1954177

CH322-129E22	CHORI-322	3R	15355949	15374704
CH322-129F01	CHORI-322	2L	13426688	13447819
CH322-129F02	CHORI-322	3R	17004422	17025140
CH322-129F03	CHORI-322	X	21345736	21366888
CH322-129F04	CHORI-322	2L	952266	971692
CH322-129F05	CHORI-322	3L	12341142	12362040
CH322-129F06	CHORI-322	2L	11956475	11976361
CH322-129F08	CHORI-322	X	21102498	21123231
CH322-129F10	CHORI-322	3L	20811334	20829625
CH322-129F11	CHORI-322	X	17887577	17908400
CH322-129F12	CHORI-322	2RHet	2317153	2339489
CH322-129F13	CHORI-322	2L	20583385	20603568
CH322-129F14	CHORI-322	2L	12611810	12631896
CH322-129F15	CHORI-322	2L	2043745	2063707
CH322-129F16	CHORI-322	3R	24192535	24209904
CH322-129F17	CHORI-322	2L	20522618	20542494
CH322-129F19	CHORI-322	3R	24204009	24226468
CH322-129F21	CHORI-322	2R	20228453	20249437
CH322-129F22	CHORI-322	3L	7061619	7081646
CH322-129F23	CHORI-322	2R	17809927	17831333
CH322-129F24	CHORI-322	2L	12316995	12335438
CH322-129G01	CHORI-322	3LHet	2107599	2129089
CH322-129G02	CHORI-322	3L	2852367	2874520
CH322-129G04	CHORI-322	3LHet	1607357	1627964
CH322-129G08	CHORI-322	3R	7727886	7748696
CH322-129G09	CHORI-322	3L	5845156	5864114
CH322-129G11	CHORI-322	X	1420474	1444229
CH322-129G12	CHORI-322	3RHet	1707924	1728107
CH322-129G13	CHORI-322	3R	23830767	23849774
CH322-129G14	CHORI-322	2L	202665	226276
CH322-129G17	CHORI-322	X	10406366	10432336
CH322-129G18	CHORI-322	3L	11716010	11736493
CH322-129G22	CHORI-322	3L	12688816	12708785
CH322-129G23	CHORI-322	X	16601086	16620092
CH322-129H01	CHORI-322	X	5325484	5347065
CH322-129H02	CHORI-322	X	11268756	11286121
CH322-129H03	CHORI-322	2L	1532753	1551030
CH322-129H07	CHORI-322	3R	23846590	23865548
CH322-129H08	CHORI-322	3L	8758739	8778301
CH322-129H10	CHORI-322	3R	15917519	15942026
CH322-129H11	CHORI-322	3L	223124	245735
CH322-129H12	CHORI-322	2L	2923754	2942298
CH322-129H13	CHORI-322	3R	611105	631279
CH322-129H14	CHORI-322	3R	15988460	16006487
CH322-129H15	CHORI-322	3L	8711247	8734495
CH322-129H16	CHORI-322	2L	19836423	19856995
CH322-129H18	CHORI-322	2R	13500831	13521911
CH322-129H19	CHORI-322	2R	1705114	1728573
CH322-129H20	CHORI-322	X	10914724	10931767
CH322-129H21	CHORI-322	2R	4396694	4415284
CH322-129H22	CHORI-322	3L	3651822	3672501
CH322-129H23	CHORI-322	2L	21378511	21394961
CH322-129I05	CHORI-322	3L	20946288	20966876
CH322-129I06	CHORI-322	3LHet	153303	170496

CH322-129I08	CHORI-322	3R	5100561	5120070
CH322-129I09	CHORI-322	ArmU	1322805	1344566
CH322-129I14	CHORI-322	X	21310573	21332728
CH322-129I15	CHORI-322	3L	24025977	24047913
CH322-129I16	CHORI-322	4	787199	807721
CH322-129I18	CHORI-322	X	17316746	17336588
CH322-129I22	CHORI-322	3R	535851	558149
CH322-129I23	CHORI-322	2L	1572313	1595310
CH322-129J02	CHORI-322	3L	9409811	9430941
CH322-129J04	CHORI-322	2R	12585737	12605640
CH322-129J05	CHORI-322	X	14689772	14708421
CH322-129J06	CHORI-322	3R	20526775	20548525
CH322-129J07	CHORI-322	3R	19005980	19026022
CH322-129J08	CHORI-322	2R	6808670	6829112
CH322-129J09	CHORI-322	X	15588175	15611060
CH322-129J11	CHORI-322	3L	13570581	13590477
CH322-129J12	CHORI-322	2L	9107712	9127541
CH322-129J13	CHORI-322	2L	8086846	8107267
CH322-129J14	CHORI-322	3R	18293891	18314770
CH322-129J15	CHORI-322	2L	15008085	15028325
CH322-129J16	CHORI-322	2L	748506	766518
CH322-129J18	CHORI-322	3L	15010701	15033031
CH322-129J20	CHORI-322	X	666093	688155
CH322-129J21	CHORI-322	2L	7199775	7219997
CH322-129J22	CHORI-322	3R	6537111	6557224
CH322-129J23	CHORI-322	4	1002724	1022578
CH322-129K01	CHORI-322	3R	19683820	19703836
CH322-129K02	CHORI-322	2L	3217395	3241622
CH322-129K03	CHORI-322	3R	26251786	26272123
CH322-129K04	CHORI-322	2R	4839585	4862119
CH322-129K05	CHORI-322	3R	2593315	2610856
CH322-129K06	CHORI-322	2L	7526389	7543928
CH322-129K08	CHORI-322	X	16975388	16993439
CH322-129K09	CHORI-322	3L	24263273	24281277
CH322-129K10	CHORI-322	2R	6602248	6622864
CH322-129K13	CHORI-322	3R	661719	683885
CH322-129K16	CHORI-322	2R	11586120	11609440
CH322-129K17	CHORI-322	2L	2528130	2548645
CH322-129K20	CHORI-322	3R	25794412	25814997
CH322-129K21	CHORI-322	3L	1850278	1870890
CH322-129K22	CHORI-322	3L	9316159	9335593
CH322-129K23	CHORI-322	2L	13257323	13276722
CH322-129K24	CHORI-322	X	21854720	21874624
CH322-129L01	CHORI-322	3L	16051005	16071633
CH322-129L02	CHORI-322	2L	17015258	17037169
CH322-129L03	CHORI-322	2L	17305882	17326767
CH322-129L04	CHORI-322	2L	12266319	12286152
CH322-129L05	CHORI-322	3R	10135620	10154986
CH322-129L07	CHORI-322	2L	2114196	2134412
CH322-129L08	CHORI-322	2L	15145454	15166437
CH322-129L09	CHORI-322	3R	10802483	10820259
CH322-129L10	CHORI-322	2L	21753812	21773834
CH322-129L11	CHORI-322	3L	6694484	6714198
CH322-129L12	CHORI-322	X	13288111	13311157

CH322-129L14	CHORI-322	X	8035036	8055366
CH322-129L15	CHORI-322	2L	13591035	13607326
CH322-129L16	CHORI-322	X	12909294	12931136
CH322-129L17	CHORI-322	3L	14865135	14885432
CH322-129L18	CHORI-322	2L	13739897	13757957
CH322-129L20	CHORI-322	2R	4036847	4060236
CH322-129L21	CHORI-322	2R	67631	84707
CH322-129L22	CHORI-322	3L	18718765	18738545
CH322-129L23	CHORI-322	2R	13176455	13195386
CH322-129L24	CHORI-322	3LHet	155172	170508
CH322-129M01	CHORI-322	3R	9859282	9878581
CH322-129M03	CHORI-322	X	5769247	5789355
CH322-129M04	CHORI-322	2L	19604873	19625495
CH322-129M06	CHORI-322	X	20726338	20746684
CH322-129M07	CHORI-322	X	22068193	22085829
CH322-129M10	CHORI-322	3R	18213595	18234353
CH322-129M11	CHORI-322	3L	13250529	13269338
CH322-129M13	CHORI-322	2L	2748601	2771231
CH322-129M14	CHORI-322	2L	16218385	16239191
CH322-129M15	CHORI-322	3R	22895746	22915609
CH322-129M16	CHORI-322	2L	462296	485054
CH322-129M17	CHORI-322	2R	1822277	1842346
CH322-129M19	CHORI-322	2L	12977591	12999428
CH322-129M20	CHORI-322	3L	6635659	6656209
CH322-129M22	CHORI-322	2L	19363950	19385425
CH322-129N02	CHORI-322	3R	11190276	11212502
CH322-129N03	CHORI-322	3L	7861852	7881301
CH322-129N04	CHORI-322	3R	22904737	22925068
CH322-129N06	CHORI-322	2L	48099	66424
CH322-129N07	CHORI-322	3L	23864504	23885359
CH322-129N08	CHORI-322	3R	21701533	21724628
CH322-129N09	CHORI-322	3R	24025122	24046311
CH322-129N10	CHORI-322	X	20464384	20483042
CH322-129N11	CHORI-322	2R	1510886	1532682
CH322-129N12	CHORI-322	3L	6129863	6149186
CH322-129N13	CHORI-322	3L	11324374	11344563
CH322-129N17	CHORI-322	3L	3183091	3204890
CH322-129N18	CHORI-322	3L	5015458	5036336
CH322-129N19	CHORI-322	3L	10491297	10508801
CH322-129N20	CHORI-322	3R	10991514	11010408
CH322-129N21	CHORI-322	3L	868709	890446
CH322-129O01	CHORI-322	3R	17770610	17787372
CH322-129O02	CHORI-322	3R	27033092	27053940
CH322-129O03	CHORI-322	3R	26113329	26133456
CH322-129O04	CHORI-322	X	9510555	9530043
CH322-129O05	CHORI-322	X	7724020	7747930
CH322-129O06	CHORI-322	3L	2191915	2213863
CH322-129O07	CHORI-322	2L	21068691	21086273
CH322-129O08	CHORI-322	2RHet	734975	756191
CH322-129O09	CHORI-322	2L	14238183	14257442
CH322-129O11	CHORI-322	2R	10982578	11002923
CH322-129O14	CHORI-322	3R	22590042	22612127
CH322-129O15	CHORI-322	3L	2415042	2434838
CH322-129O16	CHORI-322	X	4904754	4924295

CH322-129O17	CHORI-322	2R	21022101	21041765
CH322-129O18	CHORI-322	3L	13439232	13459989
CH322-129O19	CHORI-322	3R	3754036	3776006
CH322-129O20	CHORI-322	X	3132857	3150596
CH322-129O21	CHORI-322	3R	4734868	4754239
CH322-129P01	CHORI-322	3R	8838679	8858022
CH322-129P04	CHORI-322	2L	13948367	13967429
CH322-129P05	CHORI-322	X	17430000	17451344
CH322-129P06	CHORI-322	3R	2803253	2822611
CH322-129P07	CHORI-322	2L	14926106	14946732
CH322-129P08	CHORI-322	2R	12886919	12904822
CH322-129P09	CHORI-322	3L	7900979	7920611
CH322-129P10	CHORI-322	2L	6249907	6271950
CH322-129P11	CHORI-322	2L	14029427	14047753
CH322-129P12	CHORI-322	2L	14552649	14576352
CH322-129P13	CHORI-322	2R	13075156	13094600
CH322-129P14	CHORI-322	2L	20897398	20915526
CH322-129P16	CHORI-322	2R	7482895	7501011
CH322-129P17	CHORI-322	3R	4703739	4721477
CH322-129P20	CHORI-322	3L	15212532	15232250
CH322-129P21	CHORI-322	2R	6760511	6780800
CH322-129P22	CHORI-322	3R	14057212	14080206
CH322-12A02	CHORI-322	2R	12953378	12974476
CH322-12A03	CHORI-322	2R	3472271	3493516
CH322-12A04	CHORI-322	X	17138269	17160032
CH322-12A09	CHORI-322	2L	7672139	7692011
CH322-12A10	CHORI-322	3R	9595708	9617205
CH322-12A16	CHORI-322	3R	9112957	9132670
CH322-12A18	CHORI-322	X	17964692	17985814
CH322-12A20	CHORI-322	3L	11342856	11363951
CH322-12A21	CHORI-322	3L	15860430	15884140
CH322-12A23	CHORI-322	2R	18780000	18803601
CH322-12A24	CHORI-322	2R	4494408	4519760
CH322-12B02	CHORI-322	X	15973426	15995174
CH322-12B03	CHORI-322	3L	21973788	21994342
CH322-12B07	CHORI-322	3R	17083092	17104329
CH322-12B09	CHORI-322	4	827281	849545
CH322-12B12	CHORI-322	3R	2366759	2385355
CH322-12B13	CHORI-322	X	18030208	18049856
CH322-12B18	CHORI-322	3R	10161437	10182786
CH322-12B20	CHORI-322	X	9950762	9970703
CH322-12C02	CHORI-322	X	14903835	14923730
CH322-12C03	CHORI-322	2R	3315829	3337467
CH322-12C05	CHORI-322	3R	8862941	8885951
CH322-12C09	CHORI-322	X	10749869	10771230
CH322-12C11	CHORI-322	2L	12606191	12627098
CH322-12C12	CHORI-322	2R	683169	703858
CH322-12C15	CHORI-322	2R	12322407	12341693
CH322-12C16	CHORI-322	3L	13830407	13855490
CH322-12C17	CHORI-322	2R	15378156	15402674
CH322-12C19	CHORI-322	3R	8024032	8045123
CH322-12C22	CHORI-322	2R	16989077	17010807
CH322-12C23	CHORI-322	2L	21181746	21205025
CH322-12D01	CHORI-322	2L	11295408	11318534

CH322-12D02	CHORI-322	2R	1858320	1880931
CH322-12D04	CHORI-322	X	14989812	15010751
CH322-12D05	CHORI-322	3R	20188554	20209861
CH322-12D11	CHORI-322	X	20483487	20504148
CH322-12D12	CHORI-322	3R	16854808	16879176
CH322-12D14	CHORI-322	X	18356057	18379259
CH322-12D16	CHORI-322	3R	7629459	7649496
CH322-12D17	CHORI-322	3L	1111464	1132431
CH322-12D20	CHORI-322	3L	7967262	7987635
CH322-12D21	CHORI-322	3L	3680050	3699130
CH322-12E03	CHORI-322	2R	7348952	7370025
CH322-12E06	CHORI-322	2R	15132032	15152238
CH322-12E08	CHORI-322	2R	12086551	12108639
CH322-12E10	CHORI-322	3R	10316162	10335825
CH322-12E12	CHORI-322	ArmU	1307171	1327237
CH322-12E13	CHORI-322	X	1899378	1920810
CH322-12E15	CHORI-322	3R	19961022	19982648
CH322-12E17	CHORI-322	3L	3904449	3925099
CH322-12E20	CHORI-322	X	21250589	21272312
CH322-12F01	CHORI-322	3L	1531156	1554463
CH322-12F02	CHORI-322	3R	12837745	12860429
CH322-12F05	CHORI-322	3R	8217733	8241911
CH322-12F06	CHORI-322	X	7743258	7766504
CH322-12F07	CHORI-322	2L	20054623	20075171
CH322-12F11	CHORI-322	X	11353683	11376682
CH322-12F12	CHORI-322	3L	16276076	16299299
CH322-12F17	CHORI-322	3R	2642223	2663512
CH322-12F19	CHORI-322	2R	17183643	17203388
CH322-12F21	CHORI-322	2L	13820400	13844725
CH322-12F22	CHORI-322	3R	4060798	4080100
CH322-12F23	CHORI-322	2L	19488244	19513996
CH322-12G02	CHORI-322	2L	732197	756757
CH322-12G04	CHORI-322	X	15873500	15897713
CH322-12G05	CHORI-322	3R	9952300	9974093
CH322-12G06	CHORI-322	2R	9016056	9037987
CH322-12G09	CHORI-322	X	15523347	15542030
CH322-12G11	CHORI-322	3R	9652312	9674384
CH322-12G13	CHORI-322	2L	12001445	12023342
CH322-12G14	CHORI-322	2L	10665164	10685823
CH322-12G17	CHORI-322	3L	12561936	12585741
CH322-12G22	CHORI-322	3L	4743022	4765333
CH322-12H02	CHORI-322	2L	17361224	17384521
CH322-12H03	CHORI-322	3R	6582242	6602461
CH322-12H04	CHORI-322	X	13702439	13722661
CH322-12H09	CHORI-322	3L	13387743	13406523
CH322-12H10	CHORI-322	2L	2748601	2768788
CH322-12H11	CHORI-322	2L	16474917	16497674
CH322-12H15	CHORI-322	2R	18042283	18067641
CH322-12H19	CHORI-322	2R	894347	915079
CH322-12H20	CHORI-322	2RHet	1448432	1471219
CH322-12H22	CHORI-322	3R	3814566	3838113
CH322-12I03	CHORI-322	X	5661120	5685264
CH322-12I06	CHORI-322	2L	19521845	19541441
CH322-12I11	CHORI-322	2L	1185932	1209337

CH322-12I13	CHORI-322	X	21162535	21186005
CH322-12I14	CHORI-322	3L	974073	994589
CH322-12I18	CHORI-322	3L	18597746	18618734
CH322-12I21	CHORI-322	3L	6165671	6187190
CH322-12J03	CHORI-322	2R	19946410	19967219
CH322-12J04	CHORI-322	2R	9947471	9968344
CH322-12J05	CHORI-322	3L	23292988	23314586
CH322-12J09	CHORI-322	2L	22534936	22557509
CH322-12J13	CHORI-322	2L	16835863	16857263
CH322-12J14	CHORI-322	2L	16767177	16786376
CH322-12J17	CHORI-322	2L	6345891	6368222
CH322-12J19	CHORI-322	3L	9015554	9038062
CH322-12J21	CHORI-322	3R	21028415	21050895
CH322-12J22	CHORI-322	2L	1178225	1203099
CH322-12J23	CHORI-322	3L	20364677	20386112
CH322-12K03	CHORI-322	3R	5882304	5898870
CH322-12K04	CHORI-322	3R	1639209	1663670
CH322-12K06	CHORI-322	3R	238589	261618
CH322-12K07	CHORI-322	X	4920601	4940800
CH322-12K11	CHORI-322	3L	12633776	12653662
CH322-12K13	CHORI-322	3R	5990596	6011491
CH322-12K16	CHORI-322	3R	17197063	17217210
CH322-12K18	CHORI-322	2R	12837433	12857471
CH322-12K22	CHORI-322	3R	17455891	17480768
CH322-12L01	CHORI-322	3L	21407405	21429018
CH322-12L02	CHORI-322	2L	9299024	9322838
CH322-12L06	CHORI-322	3L	18374956	18398542
CH322-12L07	CHORI-322	3R	24859599	24882575
CH322-12L08	CHORI-322	X	18357887	18379663
CH322-12L09	CHORI-322	3R	12719616	12742991
CH322-12L11	CHORI-322	2L	8222994	8244466
CH322-12L14	CHORI-322	2R	7628731	7649127
CH322-12L15	CHORI-322	2R	9774807	9799108
CH322-12L17	CHORI-322	2R	19990856	20015224
CH322-12L21	CHORI-322	2R	962976	984782
CH322-12M06	CHORI-322	2L	5252612	5275263
CH322-12M07	CHORI-322	3R	6066346	6088360
CH322-12M08	CHORI-322	3R	2090145	2110496
CH322-12M09	CHORI-322	2R	15293644	15315226
CH322-12M10	CHORI-322	2R	14569166	14593792
CH322-12M13	CHORI-322	2R	15340415	15362041
CH322-12M14	CHORI-322	2R	1893015	1912335
CH322-12M15	CHORI-322	2R	7386549	7409745
CH322-12M17	CHORI-322	X	7043322	7065028
CH322-12M18	CHORI-322	3R	13127918	13150951
CH322-12M19	CHORI-322	2R	19247524	19273196
CH322-12M22	CHORI-322	3R	1755537	1776717
CH322-12N01	CHORI-322	3L	1779792	1800894
CH322-12N02	CHORI-322	3R	26310075	26334554
CH322-12N03	CHORI-322	3L	11983475	12006717
CH322-12N06	CHORI-322	2R	412620	434382
CH322-12N07	CHORI-322	2L	5277910	5300142
CH322-12N09	CHORI-322	2L	1126026	1151263
CH322-12N11	CHORI-322	2R	4060848	4081710

CH322-12N12	CHORI-322	2R	19894681	19916401
CH322-12N13	CHORI-322	3L	19931968	19954752
CH322-12N19	CHORI-322	3L	18966903	18983082
CH322-12N21	CHORI-322	2L	19321148	19339897
CH322-12O06	CHORI-322	X	22347333	22366199
CH322-12O08	CHORI-322	3L	1605781	1631191
CH322-12O09	CHORI-322	2L	12579090	12598151
CH322-12O10	CHORI-322	2L	8390337	8410385
CH322-12O12	CHORI-322	3R	16852947	16875163
CH322-12O14	CHORI-322	2R	18699003	18721296
CH322-12O17	CHORI-322	3L	1863039	1888301
CH322-12O18	CHORI-322	3L	12441131	12462549
CH322-12O22	CHORI-322	3L	7441676	7464922
CH322-12O23	CHORI-322	X	11920403	11940657
CH322-12O24	CHORI-322	3L	17933602	17956949
CH322-12P01	CHORI-322	3L	13354392	13375869
CH322-12P04	CHORI-322	3R	9101148	9122574
CH322-12P05	CHORI-322	3L	22749159	22771794
CH322-12P09	CHORI-322	X	16537294	16560719
CH322-12P10	CHORI-322	3R	5960423	5983288
CH322-12P12	CHORI-322	2L	19067812	19090463
CH322-12P13	CHORI-322	4	890940	913886
CH322-12P14	CHORI-322	X	16514753	16537831
CH322-12P16	CHORI-322	2R	10834196	10855282
CH322-12P17	CHORI-322	2L	12285967	12305558
CH322-12P22	CHORI-322	2RHet	1867051	1887998
CH322-12P24	CHORI-322	3R	6291584	6315800
CH322-130A01	CHORI-322	2L	15483280	15500824
CH322-130A02	CHORI-322	X	19329182	19350590
CH322-130A03	CHORI-322	2R	11479113	11501839
CH322-130A04	CHORI-322	2R	11881552	11899715
CH322-130A06	CHORI-322	X	14776143	14798083
CH322-130A07	CHORI-322	2L	9670063	9690423
CH322-130A08	CHORI-322	2L	22983487	23006792
CH322-130A09	CHORI-322	3L	12151214	12172324
CH322-130A10	CHORI-322	3R	14169537	14194282
CH322-130A13	CHORI-322	3R	4442901	4463834
CH322-130A14	CHORI-322	2L	15559587	15581401
CH322-130A15	CHORI-322	3R	10417683	10439988
CH322-130A16	CHORI-322	X	19754046	19777856
CH322-130A17	CHORI-322	2R	4948752	4966983
CH322-130A18	CHORI-322	3R	10429471	10449342
CH322-130A19	CHORI-322	X	587337	604757
CH322-130A20	CHORI-322	3L	18344235	18364576
CH322-130A21	CHORI-322	3L	22327686	22349181
CH322-130A22	CHORI-322	2R	19196621	19217842
CH322-130A24	CHORI-322	2L	12959317	12979823
CH322-130B03	CHORI-322	2R	3091503	3119977
CH322-130B04	CHORI-322	3R	22569652	22590305
CH322-130B06	CHORI-322	3L	18048881	18069574
CH322-130B07	CHORI-322	3L	9221501	9243537
CH322-130B08	CHORI-322	3R	3066218	3088369
CH322-130B09	CHORI-322	2R	4253746	4273442
CH322-130B10	CHORI-322	2L	10837095	10857137

CH322-130B11	CHORI-322	3L	20740234	20760959
CH322-130B12	CHORI-322	2L	11286576	11306631
CH322-130B13	CHORI-322	3L	13742277	13760553
CH322-130B15	CHORI-322	2R	15499570	15521986
CH322-130B16	CHORI-322	2L	3897687	3918644
CH322-130B17	CHORI-322	3L	22502436	22525488
CH322-130B19	CHORI-322	2L	18184978	18203695
CH322-130B20	CHORI-322	3R	14582948	14604557
CH322-130B21	CHORI-322	2L	18841195	18861724
CH322-130B22	CHORI-322	2R	9407216	9429790
CH322-130B23	CHORI-322	3L	7559157	7578780
CH322-130B24	CHORI-322	2R	5007972	5027713
CH322-130C01	CHORI-322	3R	10969311	10987260
CH322-130C02	CHORI-322	X	17149999	17166747
CH322-130C05	CHORI-322	X	3551650	3571881
CH322-130C08	CHORI-322	3R	22122512	22143860
CH322-130C10	CHORI-322	3L	10419033	10436551
CH322-130C12	CHORI-322	3R	6730664	6754982
CH322-130C13	CHORI-322	2R	12746743	12769037
CH322-130C14	CHORI-322	2L	582492	601152
CH322-130C16	CHORI-322	2L	17186118	17209955
CH322-130C17	CHORI-322	3L	8155405	8174543
CH322-130C18	CHORI-322	3L	4599670	4619343
CH322-130C20	CHORI-322	X	4815161	4836211
CH322-130C23	CHORI-322	3R	25243289	25267326
CH322-130C24	CHORI-322	2L	14117526	14140420
CH322-130D01	CHORI-322	3L	790683	810275
CH322-130D04	CHORI-322	2L	16688507	16709831
CH322-130D05	CHORI-322	3LHet	2192854	2210829
CH322-130D06	CHORI-322	3R	23841368	23861087
CH322-130D10	CHORI-322	X	4399621	4420481
CH322-130D13	CHORI-322	3L	18480900	18499294
CH322-130D15	CHORI-322	2L	3920122	3940482
CH322-130D16	CHORI-322	2L	15550980	15571485
CH322-130D17	CHORI-322	3R	11194364	11213148
CH322-130D18	CHORI-322	X	22251529	22270492
CH322-130D19	CHORI-322	3R	12007204	12027058
CH322-130D20	CHORI-322	3R	5485309	5508429
CH322-130D22	CHORI-322	3L	10986076	11005868
CH322-130D23	CHORI-322	X	7257392	7278329
CH322-130D24	CHORI-322	2L	7622984	7640576
CH322-130E01	CHORI-322	2R	7793055	7811165
CH322-130E02	CHORI-322	X	2252738	2273725
CH322-130E03	CHORI-322	3L	9799325	9818180
CH322-130E04	CHORI-322	X	13416603	13437571
CH322-130E05	CHORI-322	X	21122094	21140919
CH322-130E07	CHORI-322	3R	7778571	7801714
CH322-130E08	CHORI-322	2R	10992971	11014592
CH322-130E09	CHORI-322	3R	3645612	3667218
CH322-130E12	CHORI-322	2L	10914160	10935798
CH322-130E14	CHORI-322	3L	22034305	22053691
CH322-130E18	CHORI-322	2R	15062136	15083697
CH322-130E20	CHORI-322	2L	3210022	3234060
CH322-130E21	CHORI-322	3L	13580203	13599576

CH322-130E23	CHORI-322	3L	10123852	10144695
CH322-130E24	CHORI-322	3L	1256650	1278595
CH322-130F01	CHORI-322	X	8847605	8867413
CH322-130F02	CHORI-322	3R	5792548	5810259
CH322-130F03	CHORI-322	3R	4189646	4213524
CH322-130F04	CHORI-322	2R	7429219	7449167
CH322-130F08	CHORI-322	2L	11859268	11879891
CH322-130F10	CHORI-322	3L	19440826	19458885
CH322-130F14	CHORI-322	2R	12582734	12603683
CH322-130F16	CHORI-322	X	8870992	8890706
CH322-130F17	CHORI-322	3L	8864820	8882980
CH322-130F19	CHORI-322	3L	6906607	6926877
CH322-130F20	CHORI-322	2R	1751164	1771014
CH322-130F21	CHORI-322	3R	5156029	5177036
CH322-130F23	CHORI-322	2L	19011162	19029966
CH322-130G02	CHORI-322	3R	18210396	18232338
CH322-130G03	CHORI-322	3R	22404500	22428138
CH322-130G04	CHORI-322	3R	14366752	14386655
CH322-130G05	CHORI-322	X	3339647	3356910
CH322-130G07	CHORI-322	2L	4124124	4143027
CH322-130G08	CHORI-322	3R	5934458	5951662
CH322-130G10	CHORI-322	X	6106368	6126441
CH322-130G11	CHORI-322	3R	15771707	15791333
CH322-130G12	CHORI-322	3L	15019315	15036308
CH322-130G13	CHORI-322	3R	19781760	19802284
CH322-130G14	CHORI-322	2L	9292339	9311676
CH322-130G15	CHORI-322	2L	20977570	20995993
CH322-130G16	CHORI-322	3R	10883096	10906856
CH322-130G17	CHORI-322	2R	18558837	18579565
CH322-130G19	CHORI-322	2R	13261689	13282146
CH322-130G20	CHORI-322	2R	5828597	5849332
CH322-130G22	CHORI-322	2R	14313668	14332424
CH322-130G23	CHORI-322	3R	4317730	4340059
CH322-130G24	CHORI-322	X	6465933	6484185
CH322-130H01	CHORI-322	3L	451109	471178
CH322-130H02	CHORI-322	X	2914030	2936000
CH322-130H03	CHORI-322	3R	21632671	21656537
CH322-130H04	CHORI-322	2R	673614	694712
CH322-130H05	CHORI-322	3L	7446439	7466202
CH322-130H06	CHORI-322	3L	14225792	14246210
CH322-130H07	CHORI-322	2R	14923136	14941707
CH322-130H11	CHORI-322	3L	17964887	17985569
CH322-130H14	CHORI-322	3R	15355427	15374704
CH322-130H16	CHORI-322	X	9330345	9348732
CH322-130H17	CHORI-322	X	20820660	20840252
CH322-130H18	CHORI-322	X	22137878	22157358
CH322-130H20	CHORI-322	3R	21270730	21291239
CH322-130H22	CHORI-322	3R	19551335	19570892
CH322-130H23	CHORI-322	2L	18256259	18276353
CH322-130H24	CHORI-322	3L	10860962	10883521
CH322-130I01	CHORI-322	3R	955334	974489
CH322-130I02	CHORI-322	2RHet	2841230	2860654
CH322-130I04	CHORI-322	3L	3015118	3036155
CH322-130I05	CHORI-322	X	18352746	18371014

CH322-130I06	CHORI-322	X	1194942	1220606
CH322-130I07	CHORI-322	2R	11162989	11184495
CH322-130I11	CHORI-322	3L	21217448	21237029
CH322-130I12	CHORI-322	2R	443420	463719
CH322-130I13	CHORI-322	2L	14116675	14139437
CH322-130I14	CHORI-322	3L	18940884	18961091
CH322-130I16	CHORI-322	3L	1451629	1471732
CH322-130I17	CHORI-322	3R	20661667	20682976
CH322-130I18	CHORI-322	2L	4763563	4782109
CH322-130I21	CHORI-322	2L	11903885	11926428
CH322-130I22	CHORI-322	2R	18993039	19011940
CH322-130I23	CHORI-322	X	13338412	13359448
CH322-130I24	CHORI-322	3R	22795547	22816595
CH322-130J03	CHORI-322	3R	17765683	17782554
CH322-130J04	CHORI-322	2R	16692619	16709861
CH322-130J06	CHORI-322	3R	12603247	12622772
CH322-130J07	CHORI-322	X	13078671	13097554
CH322-130J10	CHORI-322	X	6747991	6767426
CH322-130J11	CHORI-322	3L	22614019	22638099
CH322-130J12	CHORI-322	2R	16585138	16608984
CH322-130J14	CHORI-322	X	2473995	2495583
CH322-130J16	CHORI-322	3L	7804812	7825698
CH322-130J17	CHORI-322	2L	4667271	4686788
CH322-130J18	CHORI-322	3R	22279366	22300440
CH322-130J20	CHORI-322	3R	11549722	11567620
CH322-130J23	CHORI-322	2L	22709626	22730000
CH322-130J24	CHORI-322	3R	7988657	8009125
CH322-130K01	CHORI-322	X	18119555	18140532
CH322-130K02	CHORI-322	2R	14126540	14144323
CH322-130K03	CHORI-322	3L	7295653	7316439
CH322-130K04	CHORI-322	2L	369537	388389
CH322-130K05	CHORI-322	3L	20874530	20891587
CH322-130K06	CHORI-322	2L	11587004	11607679
CH322-130K08	CHORI-322	2L	12133584	12153397
CH322-130K10	CHORI-322	2R	5894625	5915377
CH322-130K13	CHORI-322	3R	24885070	24907578
CH322-130K14	CHORI-322	2L	9427501	9451510
CH322-130K18	CHORI-322	3L	24112362	24132337
CH322-130K19	CHORI-322	X	16462172	16482305
CH322-130K21	CHORI-322	3L	20431780	20454628
CH322-130K22	CHORI-322	X	20564106	20584657
CH322-130K24	CHORI-322	3L	17257375	17277151
CH322-130L01	CHORI-322	2L	6832597	6853382
CH322-130L04	CHORI-322	3R	15355949	15376527
CH322-130L05	CHORI-322	2R	14981534	15004102
CH322-130L06	CHORI-322	2R	4153165	4175275
CH322-130L08	CHORI-322	2R	14959832	14979976
CH322-130L10	CHORI-322	3R	4117171	4140010
CH322-130L11	CHORI-322	2R	3580183	3598124
CH322-130L14	CHORI-322	2R	13607583	13627559
CH322-130L15	CHORI-322	X	19213487	19235588
CH322-130L16	CHORI-322	3L	2027891	2047596
CH322-130L18	CHORI-322	X	8640254	8660275
CH322-130L22	CHORI-322	3L	7349362	7368456

CH322-130L23	CHORI-322	3L	13374190	13393996
CH322-130L24	CHORI-322	3R	23914999	23934534
CH322-130M01	CHORI-322	X	17315733	17334480
CH322-130M04	CHORI-322	2R	11267319	11287636
CH322-130M05	CHORI-322	3L	19188575	19207795
CH322-130M06	CHORI-322	3L	4364538	4384525
CH322-130M07	CHORI-322	3R	7701606	7719976
CH322-130M08	CHORI-322	3R	26315093	26337153
CH322-130M10	CHORI-322	2L	15150458	15171573
CH322-130M11	CHORI-322	3R	18678477	18702089
CH322-130M12	CHORI-322	3R	21673849	21694492
CH322-130M13	CHORI-322	3L	17486432	17508083
CH322-130M14	CHORI-322	3L	15423443	15441677
CH322-130M16	CHORI-322	2L	7689221	7708246
CH322-130M17	CHORI-322	2R	19884210	19908349
CH322-130M19	CHORI-322	2L	16981398	17001899
CH322-130M20	CHORI-322	2L	18779045	18799676
CH322-130M21	CHORI-322	3R	4734868	4753977
CH322-130M23	CHORI-322	2R	12284401	12302750
CH322-130N01	CHORI-322	2L	10190406	10208776
CH322-130N03	CHORI-322	2R	15765070	15787336
CH322-130N04	CHORI-322	2L	12940297	12960356
CH322-130N05	CHORI-322	3L	10658983	10678747
CH322-130N06	CHORI-322	3R	11006246	11028575
CH322-130N07	CHORI-322	3R	24512406	24532243
CH322-130N08	CHORI-322	3R	1141157	1161565
CH322-130N10	CHORI-322	2L	2005543	2024062
CH322-130N11	CHORI-322	3R	18643061	18662739
CH322-130N14	CHORI-322	3R	22590328	22608038
CH322-130N20	CHORI-322	3L	4804524	4823613
CH322-130N22	CHORI-322	2R	13685755	13704990
CH322-130N23	CHORI-322	2R	14571456	14591303
CH322-130N24	CHORI-322	3R	11473487	11492424
CH322-130O02	CHORI-322	3R	24490656	24512595
CH322-130O03	CHORI-322	3L	5518004	5537246
CH322-130O04	CHORI-322	X	9593841	9611762
CH322-130O05	CHORI-322	3R	9291969	9313428
CH322-130O06	CHORI-322	3L	15700095	15718491
CH322-130O09	CHORI-322	3L	1452733	1476145
CH322-130O10	CHORI-322	2R	4025211	4043035
CH322-130O11	CHORI-322	2R	18455631	18475969
CH322-130O12	CHORI-322	2L	13006904	13027253
CH322-130O13	CHORI-322	X	2351816	2374052
CH322-130O14	CHORI-322	4	1249345	1268938
CH322-130O15	CHORI-322	2L	12288386	12307718
CH322-130O17	CHORI-322	2R	12493683	12515356
CH322-130O18	CHORI-322	X	17497862	17517983
CH322-130O19	CHORI-322	3L	2190165	2208616
CH322-130O21	CHORI-322	2R	19847650	19868443
CH322-130O22	CHORI-322	2L	17306470	17325709
CH322-130O23	CHORI-322	2R	12648167	12669394
CH322-130O24	CHORI-322	3R	23637623	23657958
CH322-130P03	CHORI-322	3R	27487533	27505553
CH322-130P04	CHORI-322	2L	4763316	4785161

CH322-130P05	CHORI-322	2L	7255419	7275901
CH322-130P07	CHORI-322	X	8895219	8914973
CH322-130P08	CHORI-322	3R	5309177	5329689
CH322-130P09	CHORI-322	2L	17452178	17471469
CH322-130P10	CHORI-322	3R	3646094	3669208
CH322-130P11	CHORI-322	3L	16092785	16113782
CH322-130P12	CHORI-322	X	7635756	7654318
CH322-130P13	CHORI-322	3L	13012583	13032460
CH322-130P14	CHORI-322	2L	7591063	7609696
CH322-130P15	CHORI-322	2R	13883537	13904196
CH322-130P16	CHORI-322	2R	10310719	10330018
CH322-130P18	CHORI-322	3L	15245943	15264759
CH322-130P19	CHORI-322	2R	14917435	14938678
CH322-130P20	CHORI-322	2R	1231276	1251488
CH322-130P21	CHORI-322	2L	7772530	7791411
CH322-130P23	CHORI-322	2L	19793447	19814448
CH322-130P24	CHORI-322	2R	14599907	14618199
CH322-131A03	CHORI-322	3L	17706115	17728840
CH322-131A04	CHORI-322	3R	21307403	21324634
CH322-131A05	CHORI-322	X	13399400	13421286
CH322-131A06	CHORI-322	3R	14137111	14156482
CH322-131A07	CHORI-322	X	14702180	14721470
CH322-131A08	CHORI-322	3R	22775855	22795550
CH322-131A09	CHORI-322	3R	1591375	1609242
CH322-131A10	CHORI-322	3L	18376632	18394213
CH322-131A12	CHORI-322	2L	12277092	12298834
CH322-131A13	CHORI-322	3L	5617444	5639378
CH322-131A14	CHORI-322	2L	815278	837254
CH322-131A16	CHORI-322	2R	1985265	2005988
CH322-131A17	CHORI-322	X	21263989	21282591
CH322-131A18	CHORI-322	2L	20425781	20447330
CH322-131B02	CHORI-322	X	2738512	2757581
CH322-131B03	CHORI-322	3R	21245670	21266412
CH322-131B04	CHORI-322	X	15791815	15810649
CH322-131B05	CHORI-322	3L	10705949	10724723
CH322-131B06	CHORI-322	2R	5256263	5276910
CH322-131B07	CHORI-322	2R	15775255	15795395
CH322-131B08	CHORI-322	2L	5679165	5698221
CH322-131B09	CHORI-322	2R	16463567	16481785
CH322-131B10	CHORI-322	3R	20360800	20381238
CH322-131B11	CHORI-322	2R	14489346	14510382
CH322-131B12	CHORI-322	3L	22560877	22581378
CH322-131B13	CHORI-322	2L	2214768	2234619
CH322-131B14	CHORI-322	2L	18254999	18272203
CH322-131B16	CHORI-322	3L	22203081	22224840
CH322-131B17	CHORI-322	3R	26820328	26838267
CH322-131B18	CHORI-322	3L	553461	574332
CH322-131B19	CHORI-322	3L	11920951	11943351
CH322-131B20	CHORI-322	3R	21079665	21100461
CH322-131B21	CHORI-322	2R	19700591	19722788
CH322-131B22	CHORI-322	3R	2291167	2309805
CH322-131C01	CHORI-322	3L	15568810	15588854
CH322-131C02	CHORI-322	2R	888542	909536
CH322-131C03	CHORI-322	2L	14157649	14178213

CH322-131C04	CHORI-322	3R	7188757	7209345
CH322-131C05	CHORI-322	3L	14375965	14396998
CH322-131C08	CHORI-322	2R	10259330	10278818
CH322-131C10	CHORI-322	2L	18572775	18592623
CH322-131C11	CHORI-322	2R	7135238	7153328
CH322-131C12	CHORI-322	2L	15479582	15497282
CH322-131C16	CHORI-322	2R	20306348	20327748
CH322-131C17	CHORI-322	2R	15232071	15253855
CH322-131C18	CHORI-322	2L	4285039	4306252
CH322-131C19	CHORI-322	2R	1819831	1840039
CH322-131C20	CHORI-322	3R	26589261	26609724
CH322-131C21	CHORI-322	2L	8078811	8098973
CH322-131C22	CHORI-322	2R	16896672	16918075
CH322-131C23	CHORI-322	3R	25892541	25914358
CH322-131D01	CHORI-322	2R	6480746	6499103
CH322-131D03	CHORI-322	X	970890	992343
CH322-131D04	CHORI-322	X	20595926	20618613
CH322-131D05	CHORI-322	2R	4503488	4525543
CH322-131D06	CHORI-322	2R	17990744	18010873
CH322-131D07	CHORI-322	3L	18293414	18312698
CH322-131D08	CHORI-322	3R	5825315	5846211
CH322-131D09	CHORI-322	2R	17894357	17915128
CH322-131D10	CHORI-322	2R	18152133	18173567
CH322-131D13	CHORI-322	2R	14195634	14217586
CH322-131D14	CHORI-322	3L	1979712	1997534
CH322-131D15	CHORI-322	3L	21878399	21902333
CH322-131D16	CHORI-322	3R	21910995	21928424
CH322-131D18	CHORI-322	3LHet	2081764	2102808
CH322-131D19	CHORI-322	3R	3901910	3924639
CH322-131D20	CHORI-322	3R	15310009	15333257
CH322-131D22	CHORI-322	2L	1295845	1315475
CH322-131D23	CHORI-322	3L	10460761	10479690
CH322-131E01	CHORI-322	3R	8894721	8917042
CH322-131E03	CHORI-322	3L	5078650	5098667
CH322-131E04	CHORI-322	3R	116467	136523
CH322-131E05	CHORI-322	3R	1069764	1089032
CH322-131E06	CHORI-322	3R	17420834	17439959
CH322-131E07	CHORI-322	3L	21296293	21326069
CH322-131E08	CHORI-322	3R	25914202	25934438
CH322-131E10	CHORI-322	2R	15196107	15214561
CH322-131E12	CHORI-322	2L	17667976	17688310
CH322-131E13	CHORI-322	2L	18694411	18712255
CH322-131E14	CHORI-322	3R	15761146	15780194
CH322-131E15	CHORI-322	2R	13519490	13538894
CH322-131E16	CHORI-322	2L	14195805	14214330
CH322-131E17	CHORI-322	2L	3912275	3930499
CH322-131E18	CHORI-322	X	3576286	3592833
CH322-131E19	CHORI-322	3L	15358298	15377494
CH322-131E20	CHORI-322	3R	10927549	10947189
CH322-131E21	CHORI-322	2L	22141185	22162917
CH322-131E23	CHORI-322	3R	17070962	17090258
CH322-131E24	CHORI-322	2L	17715256	17738517
CH322-131F01	CHORI-322	3L	4298202	4317321
CH322-131F04	CHORI-322	X	17237737	17258035

CH322-131F05	CHORI-322	2R	6138427	6156438
CH322-131F06	CHORI-322	3L	7734109	7751460
CH322-131F08	CHORI-322	3R	12645477	12666950
CH322-131F09	CHORI-322	2R	18992017	19010599
CH322-131F11	CHORI-322	3R	9719425	9737305
CH322-131F12	CHORI-322	2L	9025686	9044309
CH322-131F14	CHORI-322	X	9950761	9971261
CH322-131F15	CHORI-322	3L	11371889	11390967
CH322-131F16	CHORI-322	X	4604875	4626416
CH322-131F17	CHORI-322	X	18654276	18675022
CH322-131F20	CHORI-322	2RHet	1729387	1751815
CH322-131F22	CHORI-322	2L	15369447	15390348
CH322-131F23	CHORI-322	X	10580386	10602931
CH322-131F24	CHORI-322	2RHet	557440	579550
CH322-131G02	CHORI-322	3L	22980350	23001835
CH322-131G03	CHORI-322	3R	10744647	10766024
CH322-131G04	CHORI-322	2R	776282	796488
CH322-131G05	CHORI-322	X	19763858	19782686
CH322-131G06	CHORI-322	2L	10534946	10554720
CH322-131G07	CHORI-322	3L	497620	514474
CH322-131G08	CHORI-322	3L	1732005	1757244
CH322-131G09	CHORI-322	3R	25432273	25452798
CH322-131G10	CHORI-322	3LHet	1275538	1298494
CH322-131G11	CHORI-322	3R	4864625	4885109
CH322-131G12	CHORI-322	3R	22627261	22647955
CH322-131G13	CHORI-322	2L	16511038	16529619
CH322-131G14	CHORI-322	4	155465	174954
CH322-131G15	CHORI-322	2R	1252952	1273594
CH322-131G16	CHORI-322	2R	5332183	5350100
CH322-131G17	CHORI-322	2L	18445027	18463816
CH322-131G19	CHORI-322	2RHet	1337750	1357627
CH322-131G20	CHORI-322	2L	4705836	4726931
CH322-131G21	CHORI-322	3R	10838515	10855285
CH322-131G22	CHORI-322	3R	16755486	16773766
CH322-131G23	CHORI-322	3L	15248744	15266059
CH322-131G24	CHORI-322	X	7685678	7707987
CH322-131H02	CHORI-322	3L	13089338	13109267
CH322-131H03	CHORI-322	2R	3324925	3347030
CH322-131H05	CHORI-322	3R	27236925	27257938
CH322-131H07	CHORI-322	2R	17338441	17358988
CH322-131H08	CHORI-322	3L	18564081	18583979
CH322-131H09	CHORI-322	2R	12223684	12246383
CH322-131H10	CHORI-322	X	17772276	17791338
CH322-131H11	CHORI-322	3L	9978196	9996649
CH322-131H13	CHORI-322	2R	11977690	11997951
CH322-131H14	CHORI-322	3L	15803597	15825289
CH322-131H15	CHORI-322	2L	7714026	7733984
CH322-131H16	CHORI-322	X	8801652	8821198
CH322-131H17	CHORI-322	2L	13633397	13653138
CH322-131H20	CHORI-322	2L	3018647	3039178
CH322-131H21	CHORI-322	X	21141563	21160966
CH322-131H23	CHORI-322	3L	13571868	13592162
CH322-131H24	CHORI-322	3L	16473604	16492303
CH322-131I01	CHORI-322	2R	9667041	9688853

CH322-131I02	CHORI-322	3L	9453511	9473298
CH322-131I05	CHORI-322	2L	20933628	20951968
CH322-131I06	CHORI-322	3RHet	1222342	1244848
CH322-131I07	CHORI-322	2R	5542624	5565031
CH322-131I08	CHORI-322	X	10225056	10244501
CH322-131I09	CHORI-322	3L	4924557	4944886
CH322-131I11	CHORI-322	2L	20386931	20409624
CH322-131I13	CHORI-322	2R	13115103	13135121
CH322-131I14	CHORI-322	2L	6734614	6755934
CH322-131I15	CHORI-322	2R	9194137	9213536
CH322-131I17	CHORI-322	3R	21187427	21208353
CH322-131I18	CHORI-322	3L	21816076	21836906
CH322-131I19	CHORI-322	3R	7274722	7294202
CH322-131I20	CHORI-322	2RHet	3097940	3117882
CH322-131I21	CHORI-322	2R	11286879	11304280
CH322-131I23	CHORI-322	2R	8473852	8496288
CH322-131I24	CHORI-322	2L	19343882	19366549
CH322-131J01	CHORI-322	3L	2870815	2891112
CH322-131J03	CHORI-322	2R	3021004	3039445
CH322-131J04	CHORI-322	3L	371066	392076
CH322-131J05	CHORI-322	2L	11480353	11501700
CH322-131J06	CHORI-322	3R	16360141	16382501
CH322-131J09	CHORI-322	3R	22511162	22530916
CH322-131J10	CHORI-322	3L	2891109	2910984
CH322-131J11	CHORI-322	3L	19057966	19077587
CH322-131J12	CHORI-322	X	15837531	15858467
CH322-131J14	CHORI-322	2R	12092187	12109910
CH322-131J15	CHORI-322	2R	1013537	1034208
CH322-131J17	CHORI-322	2R	13405239	13425992
CH322-131J18	CHORI-322	X	8899989	8920157
CH322-131J19	CHORI-322	2R	12354439	12374996
CH322-131J21	CHORI-322	3R	1372749	1391943
CH322-131J22	CHORI-322	2R	4905835	4928575
CH322-131J24	CHORI-322	2L	17479906	17500420
CH322-131K01	CHORI-322	2L	6881317	6902525
CH322-131K04	CHORI-322	2R	9457719	9476084
CH322-131K05	CHORI-322	3R	8423832	8442764
CH322-131K07	CHORI-322	2R	6954265	6976326
CH322-131K08	CHORI-322	2L	16384360	16402730
CH322-131K09	CHORI-322	3L	5435104	5454874
CH322-131K12	CHORI-322	2RHet	555064	575254
CH322-131K13	CHORI-322	2R	8166851	8187410
CH322-131K14	CHORI-322	3L	21440053	21461410
CH322-131K15	CHORI-322	3L	11745349	11768895
CH322-131K16	CHORI-322	2L	11657791	11677877
CH322-131K17	CHORI-322	2R	4793462	4814709
CH322-131K19	CHORI-322	3L	15198856	15220206
CH322-131K20	CHORI-322	X	6388402	6405862
CH322-131K21	CHORI-322	3R	12367645	12391135
CH322-131K22	CHORI-322	X	7126564	7146652
CH322-131L01	CHORI-322	2R	17913368	17935696
CH322-131L02	CHORI-322	2R	3081101	3110404
CH322-131L03	CHORI-322	2L	5642391	5665199
CH322-131L04	CHORI-322	3R	16792746	16811796

CH322-131L05	CHORI-322	3R	21564368	21583306
CH322-131L07	CHORI-322	X	19677329	19697216
CH322-131L08	CHORI-322	2R	8640597	8660688
CH322-131L10	CHORI-322	2RHet	1687506	1708220
CH322-131L12	CHORI-322	X	12389574	12410050
CH322-131L14	CHORI-322	2L	2707392	2727555
CH322-131L15	CHORI-322	3R	10087885	10108920
CH322-131L17	CHORI-322	3RHet	1457764	1480362
CH322-131L18	CHORI-322	3R	11493231	11512799
CH322-131L20	CHORI-322	2R	12909236	12929092
CH322-131L21	CHORI-322	3R	24220589	24238808
CH322-131L22	CHORI-322	3L	14101930	14122491
CH322-131L23	CHORI-322	3R	57326	76007
CH322-131L24	CHORI-322	X	26716	50244
CH322-131M01	CHORI-322	2L	19867256	19891285
CH322-131M03	CHORI-322	X	13200834	13221046
CH322-131M05	CHORI-322	2R	20777924	20800159
CH322-131M09	CHORI-322	3LHet	467345	487244
CH322-131M11	CHORI-322	X	1690071	1712911
CH322-131M13	CHORI-322	3L	10842366	10861630
CH322-131M14	CHORI-322	3L	16907911	16932150
CH322-131M15	CHORI-322	2R	13165864	13183146
CH322-131M16	CHORI-322	2R	6289359	6306423
CH322-131M19	CHORI-322	3R	12661022	12677763
CH322-131M20	CHORI-322	3L	19416887	19437595
CH322-131M21	CHORI-322	2L	15930994	15954469
CH322-131M23	CHORI-322	3L	12159437	12179175
CH322-131N01	CHORI-322	X	14906816	14926533
CH322-131N04	CHORI-322	2L	2552060	2570980
CH322-131N05	CHORI-322	X	18299064	18318379
CH322-131N06	CHORI-322	2L	7900829	7921677
CH322-131N07	CHORI-322	X	17070196	17092564
CH322-131N08	CHORI-322	3R	13636118	13655195
CH322-131N09	CHORI-322	2R	19964938	19984437
CH322-131N10	CHORI-322	3L	8937423	8957157
CH322-131N12	CHORI-322	3R	26103674	26120789
CH322-131N13	CHORI-322	X	17046024	17067658
CH322-131N14	CHORI-322	3R	20293771	20312865
CH322-131N17	CHORI-322	2L	11095699	11120537
CH322-131N18	CHORI-322	3R	9401165	9423646
CH322-131N20	CHORI-322	3RHet	2332651	2349868
CH322-131O01	CHORI-322	3R	5653078	5671121
CH322-131O03	CHORI-322	3L	17118661	17139104
CH322-131O05	CHORI-322	3L	12620567	12642511
CH322-131O06	CHORI-322	X	10085483	10106536
CH322-131O08	CHORI-322	2L	6596044	6616265
CH322-131O14	CHORI-322	3L	4694332	4715727
CH322-131O21	CHORI-322	2L	10910130	10930595
CH322-131P01	CHORI-322	3L	16867452	16890293
CH322-131P02	CHORI-322	X	2220072	2242106
CH322-131P03	CHORI-322	3R	2319318	2337359
CH322-131P04	CHORI-322	2R	5206316	5224425
CH322-131P08	CHORI-322	2L	7359695	7378434
CH322-131P15	CHORI-322	3R	1589255	1610789

CH322-131P16	CHORI-322	3L	11126288	11144528
CH322-131P19	CHORI-322	2L	3084541	3104396
CH322-131P20	CHORI-322	2L	9397750	9418814
CH322-131P21	CHORI-322	3R	8238539	8261205
CH322-131P22	CHORI-322	3L	5249422	5269611
CH322-132A01	CHORI-322	2R	5057202	5078923
CH322-132A02	CHORI-322	2R	6141408	6163554
CH322-132A03	CHORI-322	3R	24332986	24354094
CH322-132A07	CHORI-322	2RHet	2895847	2915522
CH322-132A08	CHORI-322	X	6144706	6167209
CH322-132A09	CHORI-322	3R	6964970	6984401
CH322-132A10	CHORI-322	X	12561451	12582135
CH322-132A11	CHORI-322	3R	13156609	13176867
CH322-132A12	CHORI-322	2R	4683398	4707108
CH322-132A14	CHORI-322	X	2695222	2712186
CH322-132A15	CHORI-322	2L	22141956	22162917
CH322-132A16	CHORI-322	2R	5984178	6003431
CH322-132A17	CHORI-322	X	20572840	20590170
CH322-132A18	CHORI-322	3RHet	1902314	1923545
CH322-132A20	CHORI-322	3R	18761360	18781974
CH322-132A21	CHORI-322	3L	13022500	13044262
CH322-132A23	CHORI-322	2L	5784567	5806053
CH322-132A24	CHORI-322	3L	9607030	9626233
CH322-132B01	CHORI-322	3R	16341997	16364127
CH322-132B02	CHORI-322	3L	3987441	4007645
CH322-132B04	CHORI-322	3R	973551	993042
CH322-132B05	CHORI-322	3L	14485992	14506572
CH322-132B06	CHORI-322	2R	8581743	8601813
CH322-132B07	CHORI-322	2L	2347015	2367633
CH322-132B09	CHORI-322	3R	1374459	1397692
CH322-132B11	CHORI-322	2L	10778451	10796779
CH322-132B12	CHORI-322	3L	14535882	14555012
CH322-132B13	CHORI-322	X	14521428	14539389
CH322-132B15	CHORI-322	3R	25959234	25980681
CH322-132B17	CHORI-322	3R	23179250	23198936
CH322-132B18	CHORI-322	X	20447153	20469366
CH322-132B19	CHORI-322	3L	8049446	8066655
CH322-132B20	CHORI-322	X	9291235	9311254
CH322-132B22	CHORI-322	3L	22792567	22814216
CH322-132B23	CHORI-322	2L	17837333	17857801
CH322-132B24	CHORI-322	3L	3909033	3927338
CH322-132C02	CHORI-322	X	15478472	15498808
CH322-132C04	CHORI-322	2R	4929896	4954638
CH322-132C05	CHORI-322	X	2572836	2591246
CH322-132C08	CHORI-322	3L	21952891	21975623
CH322-132C09	CHORI-322	3R	14934618	14955141
CH322-132C11	CHORI-322	2L	10910130	10929894
CH322-132C12	CHORI-322	3R	22487374	22506190
CH322-132C13	CHORI-322	2R	12670205	12689598
CH322-132C14	CHORI-322	2R	4285199	4305478
CH322-132C16	CHORI-322	3R	165436	183232
CH322-132C17	CHORI-322	2L	20481506	20501925
CH322-132C18	CHORI-322	2R	15923418	15941756
CH322-132C19	CHORI-322	3R	7988755	8011993

CH322-132C21	CHORI-322	3L	16197149	16217341
CH322-132C23	CHORI-322	3R	21676592	21695360
CH322-132C24	CHORI-322	2L	21779897	21800881
CH322-132D02	CHORI-322	3R	18977315	18998315
CH322-132D03	CHORI-322	2L	12452552	12471818
CH322-132D04	CHORI-322	3L	11840609	11861507
CH322-132D05	CHORI-322	2R	18115659	18136842
CH322-132D06	CHORI-322	3L	8205467	8222619
CH322-132D07	CHORI-322	3R	5233308	5253060
CH322-132D08	CHORI-322	3L	18999436	19021691
CH322-132D09	CHORI-322	2R	11748214	11768747
CH322-132D10	CHORI-322	2L	18649613	18672640
CH322-132D12	CHORI-322	2L	8645402	8667234
CH322-132D16	CHORI-322	X	20639112	20657353
CH322-132D18	CHORI-322	2LHet	129811	153696
CH322-132D19	CHORI-322	X	20140371	20161010
CH322-132D20	CHORI-322	2L	19671327	19690045
CH322-132D21	CHORI-322	3R	23111432	23134231
CH322-132D22	CHORI-322	4	833115	855621
CH322-132D23	CHORI-322	2L	1845598	1866995
CH322-132E01	CHORI-322	2R	8322129	8344809
CH322-132E05	CHORI-322	3R	12371265	12389405
CH322-132E06	CHORI-322	2L	19994244	20015369
CH322-132E08	CHORI-322	3R	13300680	13320620
CH322-132E09	CHORI-322	3L	23452204	23473057
CH322-132E10	CHORI-322	X	14954937	14974897
CH322-132E11	CHORI-322	3LHet	154983	170818
CH322-132E12	CHORI-322	3L	18434352	18453096
CH322-132E15	CHORI-322	3L	5638997	5659773
CH322-132E17	CHORI-322	3L	10604550	10625171
CH322-132E18	CHORI-322	3R	25137672	25158367
CH322-132E20	CHORI-322	3L	18171240	18189618
CH322-132E21	CHORI-322	3R	14937984	14957167
CH322-132E22	CHORI-322	2R	5102210	5122983
CH322-132E23	CHORI-322	2L	10676555	10697711
CH322-132F01	CHORI-322	2L	1110539	1130404
CH322-132F05	CHORI-322	2L	5704751	5722861
CH322-132F06	CHORI-322	3L	16932660	16954233
CH322-132F07	CHORI-322	3L	5209948	5228019
CH322-132F08	CHORI-322	3L	1057904	1078221
CH322-132F09	CHORI-322	2L	20764471	20781570
CH322-132F13	CHORI-322	3L	15671128	15690193
CH322-132F14	CHORI-322	4	442998	461262
CH322-132F15	CHORI-322	2L	209160	230293
CH322-132F16	CHORI-322	3L	14463351	14486568
CH322-132F19	CHORI-322	3L	7828136	7846757
CH322-132F20	CHORI-322	2L	6882668	6904312
CH322-132F22	CHORI-322	4	910677	929950
CH322-132F24	CHORI-322	3L	16716304	16735671
CH322-132G01	CHORI-322	2R	1797935	1817926
CH322-132G02	CHORI-322	X	13370735	13390426
CH322-132G04	CHORI-322	2L	17836319	17857801
CH322-132G05	CHORI-322	3L	11193017	11213202
CH322-132G08	CHORI-322	2L	16717987	16741923

CH322-132G09	CHORI-322	4	302320	321460
CH322-132G10	CHORI-322	3L	19417314	19436635
CH322-132G11	CHORI-322	3R	24680022	24699034
CH322-132G14	CHORI-322	X	7375379	7394485
CH322-132G16	CHORI-322	3R	9828573	9849648
CH322-132G19	CHORI-322	2R	19823974	19844806
CH322-132G20	CHORI-322	2L	13280547	13298069
CH322-132G21	CHORI-322	3L	4017689	4039877
CH322-132G22	CHORI-322	X	4632331	4653836
CH322-132G23	CHORI-322	3R	4998793	5019341
CH322-132G24	CHORI-322	3R	10333294	10355612
CH322-132H01	CHORI-322	3L	2481739	2502621
CH322-132H02	CHORI-322	2L	14705646	14725546
CH322-132H03	CHORI-322	3L	20817043	20838681
CH322-132H04	CHORI-322	2L	14242189	14263697
CH322-132H06	CHORI-322	2L	2707393	2726065
CH322-132H07	CHORI-322	2R	3244195	3266023
CH322-132H08	CHORI-322	2L	11989663	12006772
CH322-132H09	CHORI-322	3L	3514583	3534189
CH322-132H11	CHORI-322	3R	14477755	14498807
CH322-132H12	CHORI-322	X	1843930	1864354
CH322-132H13	CHORI-322	2R	17829769	17851051
CH322-132H16	CHORI-322	3L	17674685	17694803
CH322-132H18	CHORI-322	X	12933692	12951815
CH322-132H19	CHORI-322	2L	12113111	12131908
CH322-132H20	CHORI-322	2RHet	60104	79190
CH322-132H21	CHORI-322	2L	241356	264941
CH322-132H22	CHORI-322	3R	27083583	27104999
CH322-132H23	CHORI-322	3R	24520422	24541454
CH322-132H24	CHORI-322	X	4174160	4194551
CH322-132I01	CHORI-322	3R	10670320	10688670
CH322-132I02	CHORI-322	2R	641412	662168
CH322-132I03	CHORI-322	2L	1990323	2009034
CH322-132I05	CHORI-322	X	9401249	9421570
CH322-132I06	CHORI-322	3R	1641224	1662196
CH322-132I07	CHORI-322	3L	10734121	10754635
CH322-132I08	CHORI-322	2L	11910054	11929543
CH322-132I09	CHORI-322	3L	8527824	8546259
CH322-132I10	CHORI-322	X	14543109	14562639
CH322-132I11	CHORI-322	X	4006760	4025629
CH322-132I13	CHORI-322	3L	6321953	6343175
CH322-132I14	CHORI-322	3L	22474021	22497981
CH322-132I15	CHORI-322	3R	7124671	7143315
CH322-132I17	CHORI-322	4	114475	135855
CH322-132I18	CHORI-322	X	22244830	22264883
CH322-132I19	CHORI-322	X	18929335	18949066
CH322-132I20	CHORI-322	3L	1649490	1671014
CH322-132I21	CHORI-322	X	6125915	6143623
CH322-132I22	CHORI-322	3L	2810751	2831391
CH322-132I23	CHORI-322	3L	6622180	6640328
CH322-132J03	CHORI-322	2L	9869551	9889057
CH322-132J04	CHORI-322	3R	20316602	20337448
CH322-132J05	CHORI-322	3R	22428690	22447494
CH322-132J06	CHORI-322	2L	20042551	20062824

CH322-132J07	CHORI-322	3R	26765444	26785894
CH322-132J10	CHORI-322	2L	19271987	19292814
CH322-132J11	CHORI-322	2R	14276794	14295823
CH322-132J12	CHORI-322	2L	12398231	12418016
CH322-132J13	CHORI-322	2R	11432005	11454919
CH322-132J14	CHORI-322	3R	24499247	24519297
CH322-132J18	CHORI-322	2L	3984698	4008062
CH322-132J20	CHORI-322	2R	15683281	15703260
CH322-132J21	CHORI-322	3R	18088483	18105668
CH322-132J22	CHORI-322	3L	7079041	7099312
CH322-132J23	CHORI-322	2L	19702959	19725981
CH322-132J24	CHORI-322	3L	21003594	21022349
CH322-132K02	CHORI-322	2R	1394171	1413744
CH322-132K04	CHORI-322	3L	9283130	9301404
CH322-132K06	CHORI-322	3L	3822236	3843086
CH322-132K07	CHORI-322	3R	1710744	1733208
CH322-132K08	CHORI-322	3L	17760056	17780400
CH322-132K09	CHORI-322	3L	13984207	14003781
CH322-132K10	CHORI-322	3R	21310328	21329662
CH322-132K13	CHORI-322	ArmU	251894	273242
CH322-132K14	CHORI-322	2R	784035	806452
CH322-132K16	CHORI-322	2L	10096274	10117255
CH322-132K17	CHORI-322	2L	13511384	13531858
CH322-132K18	CHORI-322	ArmU	2211257	2232755
CH322-132K21	CHORI-322	2L	21840500	21862185
CH322-132K22	CHORI-322	3R	18522231	18542629
CH322-132K23	CHORI-322	2R	3702958	3724479
CH322-132L01	CHORI-322	3L	17548396	17567847
CH322-132L02	CHORI-322	X	16311713	16335876
CH322-132L03	CHORI-322	3L	8525878	8546366
CH322-132L04	CHORI-322	3R	21227818	21250587
CH322-132L06	CHORI-322	3R	12870198	12892189
CH322-132L07	CHORI-322	3L	18780097	18801194
CH322-132L08	CHORI-322	3L	11548712	11568369
CH322-132L11	CHORI-322	2L	9713643	9736484
CH322-132L13	CHORI-322	3L	13546970	13566825
CH322-132L14	CHORI-322	3L	4595159	4618258
CH322-132L15	CHORI-322	3R	18607937	18628609
CH322-132L17	CHORI-322	X	14547272	14571355
CH322-132L19	CHORI-322	3R	13577287	13597516
CH322-132L20	CHORI-322	X	3893002	3914203
CH322-132L21	CHORI-322	3L	13248100	13269503
CH322-132L22	CHORI-322	2L	21943653	21966391
CH322-132L23	CHORI-322	2L	12359971	12381425
CH322-132L24	CHORI-322	3LHet	322476	343181
CH322-132M01	CHORI-322	3R	10490627	10513060
CH322-132M02	CHORI-322	2R	13539926	13558704
CH322-132M06	CHORI-322	3L	7208768	7230750
CH322-132M08	CHORI-322	2R	20053334	20075240
CH322-132M11	CHORI-322	2L	10551301	10571629
CH322-132M15	CHORI-322	2R	18802163	18824066
CH322-132M17	CHORI-322	3L	18620562	18637130
CH322-132M21	CHORI-322	3LHet	1232787	1252123
CH322-132M23	CHORI-322	2R	9893926	9914369

CH322-132M24	CHORI-322	3R	2101512	2120277
CH322-132N01	CHORI-322	2R	10297476	10315581
CH322-132N02	CHORI-322	2L	5035931	5057941
CH322-132N03	CHORI-322	2R	20202686	20221158
CH322-132N05	CHORI-322	3L	9910612	9929975
CH322-132N06	CHORI-322	2R	230868	250742
CH322-132N09	CHORI-322	3R	5214393	5234886
CH322-132N11	CHORI-322	X	11534204	11552855
CH322-132N13	CHORI-322	3L	913546	930895
CH322-132N16	CHORI-322	3L	2912169	2930559
CH322-132N17	CHORI-322	3LHet	589392	609222
CH322-132N18	CHORI-322	2R	6266227	6284590
CH322-132N19	CHORI-322	3R	27390474	27410381
CH322-132N22	CHORI-322	3R	1910428	1929714
CH322-132N23	CHORI-322	3L	15315466	15332422
CH322-132N24	CHORI-322	3R	9011382	9035408
CH322-132O01	CHORI-322	2L	20922638	20943630
CH322-132O02	CHORI-322	2L	14928427	14947928
CH322-132O03	CHORI-322	X	9742091	9763075
CH322-132O04	CHORI-322	3R	1614062	1631510
CH322-132O06	CHORI-322	X	18920768	18941882
CH322-132O08	CHORI-322	3L	3486388	3506899
CH322-132O09	CHORI-322	3R	12720934	12738411
CH322-132O10	CHORI-322	X	877745	896128
CH322-132O12	CHORI-322	2R	9405636	9426891
CH322-132O13	CHORI-322	2L	3842230	3860786
CH322-132O14	CHORI-322	2R	2494343	2514337
CH322-132O15	CHORI-322	3R	5359580	5381684
CH322-132O16	CHORI-322	3L	19440637	19458879
CH322-132O18	CHORI-322	X	5424075	5444007
CH322-132O21	CHORI-322	3R	17782393	17803957
CH322-132O22	CHORI-322	3L	333413	354258
CH322-132O23	CHORI-322	3R	5437454	5460686
CH322-132O24	CHORI-322	3L	13727654	13747643
CH322-132P01	CHORI-322	3R	9665305	9685337
CH322-132P02	CHORI-322	X	12276743	12298126
CH322-132P03	CHORI-322	2L	3952419	3973504
CH322-132P04	CHORI-322	3R	22052231	22072956
CH322-132P05	CHORI-322	3L	4387134	4404461
CH322-132P06	CHORI-322	3L	21031938	21053792
CH322-132P08	CHORI-322	X	2366799	2388261
CH322-132P09	CHORI-322	3L	2545785	2567403
CH322-132P10	CHORI-322	X	20408704	20428198
CH322-132P12	CHORI-322	X	12947721	12968011
CH322-132P13	CHORI-322	2LHet	160460	181316
CH322-132P14	CHORI-322	2R	12592556	12612380
CH322-132P15	CHORI-322	2L	20386827	20408738
CH322-132P16	CHORI-322	3R	7031002	7052057
CH322-132P17	CHORI-322	2R	20457468	20475516
CH322-132P18	CHORI-322	X	13969448	13993001
CH322-132P19	CHORI-322	3R	6799825	6819463
CH322-132P20	CHORI-322	2L	15828648	15848863
CH322-132P21	CHORI-322	3L	3526767	3548735
CH322-132P22	CHORI-322	2L	4875699	4897953

CH322-132P24	CHORI-322	3L	5199912	5219215
CH322-133A01	CHORI-322	X	18211846	18233394
CH322-133A02	CHORI-322	2R	3148421	3166302
CH322-133A04	CHORI-322	3R	18047603	18065002
CH322-133A05	CHORI-322	3L	2810751	2831468
CH322-133A06	CHORI-322	3L	23411650	23431860
CH322-133A07	CHORI-322	3L	22893207	22914889
CH322-133A08	CHORI-322	3L	2333462	2352389
CH322-133A09	CHORI-322	3L	2351961	2370817
CH322-133A10	CHORI-322	X	7276887	7296614
CH322-133A11	CHORI-322	2L	552764	575739
CH322-133A12	CHORI-322	3L	16483607	16503819
CH322-133A14	CHORI-322	2L	3918595	3937286
CH322-133A15	CHORI-322	3R	18725321	18744289
CH322-133A17	CHORI-322	X	20771690	20788542
CH322-133A19	CHORI-322	X	10888812	10906144
CH322-133A20	CHORI-322	3L	24199118	24218493
CH322-133A22	CHORI-322	3R	26096817	26116149
CH322-133B01	CHORI-322	3L	22785303	22805631
CH322-133B03	CHORI-322	3R	16017575	16036851
CH322-133B04	CHORI-322	2R	10321434	10339389
CH322-133B05	CHORI-322	3R	4943367	4962241
CH322-133B06	CHORI-322	3R	714806	732787
CH322-133B07	CHORI-322	3R	8540705	8560096
CH322-133B08	CHORI-322	3L	17293528	17311057
CH322-133B10	CHORI-322	2R	5068747	5091150
CH322-133B13	CHORI-322	X	1137098	1155273
CH322-133B14	CHORI-322	3R	20917399	20938099
CH322-133B15	CHORI-322	2L	19889937	19910845
CH322-133B16	CHORI-322	2L	6837825	6857086
CH322-133B17	CHORI-322	X	4881293	4902125
CH322-133B18	CHORI-322	X	12929515	12947724
CH322-133B19	CHORI-322	3R	26228793	26251442
CH322-133B21	CHORI-322	3R	12670251	12687417
CH322-133B22	CHORI-322	2R	1685109	1710312
CH322-133B24	CHORI-322	2L	9028666	9048699
CH322-133C02	CHORI-322	3L	11229631	11252568
CH322-133C03	CHORI-322	3L	14159808	14180071
CH322-133C04	CHORI-322	3L	13926528	13945734
CH322-133C08	CHORI-322	3R	10320736	10339715
CH322-133C09	CHORI-322	2R	3767122	3786806
CH322-133C11	CHORI-322	2L	12794844	12815701
CH322-133C12	CHORI-322	2L	3985141	4003235
CH322-133C14	CHORI-322	2R	12808976	12830334
CH322-133C17	CHORI-322	2L	5837765	5861570
CH322-133C18	CHORI-322	2L	18071184	18089935
CH322-133C19	CHORI-322	3R	8649747	8670083
CH322-133C20	CHORI-322	3L	5282929	5300993
CH322-133C21	CHORI-322	3R	27870152	27889665
CH322-133C24	CHORI-322	2R	10500484	10517449
CH322-133D01	CHORI-322	2R	20165018	20183131
CH322-133D02	CHORI-322	2R	19253879	19275471
CH322-133D04	CHORI-322	X	1681982	1700603
CH322-133D05	CHORI-322	2L	4728456	4746454

CH322-133D06	CHORI-322	3R	5908428	5931060
CH322-133D07	CHORI-322	2L	17405517	17425726
CH322-133D09	CHORI-322	3R	8081413	8100946
CH322-133D10	CHORI-322	2L	17233335	17252394
CH322-133D12	CHORI-322	2L	22579180	22598812
CH322-133D16	CHORI-322	3R	5845144	5866443
CH322-133D21	CHORI-322	3R	6635851	6653272
CH322-133D24	CHORI-322	3R	17593943	17617505
CH322-133E01	CHORI-322	2R	19633865	19654593
CH322-133E03	CHORI-322	4	416438	438484
CH322-133E05	CHORI-322	2L	13561268	13583624
CH322-133E06	CHORI-322	2L	1379907	1397199
CH322-133E07	CHORI-322	2L	7619416	7639451
CH322-133E08	CHORI-322	2R	9346242	9364391
CH322-133E09	CHORI-322	3R	10349298	10372281
CH322-133E10	CHORI-322	3L	14887331	14909423
CH322-133E12	CHORI-322	X	12616349	12634902
CH322-133E14	CHORI-322	3L	17964710	17987313
CH322-133E16	CHORI-322	3RHet	1888033	1907790
CH322-133E17	CHORI-322	X	16780308	16801199
CH322-133E18	CHORI-322	2L	5642197	5659974
CH322-133E19	CHORI-322	2R	799272	819798
CH322-133E20	CHORI-322	3R	16309114	16332055
CH322-133E23	CHORI-322	2R	8614650	8636031
CH322-133E24	CHORI-322	2R	16459027	16479279
CH322-133F01	CHORI-322	3R	16344562	16364249
CH322-133F02	CHORI-322	3R	26153729	26175104
CH322-133F05	CHORI-322	3R	842069	864653
CH322-133F06	CHORI-322	2L	1907015	1926442
CH322-133F07	CHORI-322	2R	19027846	19047540
CH322-133F08	CHORI-322	3R	27803833	27825320
CH322-133F09	CHORI-322	2L	19343882	19364474
CH322-133F10	CHORI-322	3L	18916336	18936170
CH322-133F11	CHORI-322	3L	11822942	11843029
CH322-133F13	CHORI-322	3R	22016746	22034944
CH322-133F15	CHORI-322	2L	13309692	13328063
CH322-133F16	CHORI-322	2L	9292870	9312515
CH322-133F17	CHORI-322	X	6361874	6379904
CH322-133F18	CHORI-322	2R	2333290	2354916
CH322-133F19	CHORI-322	3L	3560937	3582688
CH322-133F20	CHORI-322	X	16050711	16068634
CH322-133F23	CHORI-322	2R	15194265	15213610
CH322-133G01	CHORI-322	2R	7042522	7059683
CH322-133G02	CHORI-322	3L	13325318	13344289
CH322-133G03	CHORI-322	2R	20079942	20103249
CH322-133G04	CHORI-322	X	2408895	2429662
CH322-133G06	CHORI-322	2L	5057788	5078007
CH322-133G08	CHORI-322	2R	1325091	1344012
CH322-133G09	CHORI-322	3R	7440695	7463220
CH322-133G10	CHORI-322	2R	6098283	6119847
CH322-133G14	CHORI-322	3R	23808858	23829702
CH322-133G15	CHORI-322	3L	5431838	5453310
CH322-133G16	CHORI-322	X	20654173	20675123
CH322-133G18	CHORI-322	3L	10342646	10362981

CH322-133G20	CHORI-322	2L	17931458	17954037
CH322-133G21	CHORI-322	3L	10156639	10176658
CH322-133G24	CHORI-322	2L	5567368	5589114
CH322-133H01	CHORI-322	2L	8224470	8247717
CH322-133H02	CHORI-322	2R	8055040	8075668
CH322-133H03	CHORI-322	3L	11289085	11309083
CH322-133H04	CHORI-322	3L	2604072	2625664
CH322-133H05	CHORI-322	3L	10401410	10419242
CH322-133H07	CHORI-322	3R	12097133	12115846
CH322-133H08	CHORI-322	3R	18132410	18152806
CH322-133H10	CHORI-322	2L	5632079	5653586
CH322-133H12	CHORI-322	2R	19591743	19611895
CH322-133H13	CHORI-322	4	1067541	1089945
CH322-133H16	CHORI-322	2L	8075353	8095868
CH322-133H18	CHORI-322	3R	2135881	2156402
CH322-133H19	CHORI-322	2R	1748153	1768686
CH322-133H20	CHORI-322	2L	18245777	18268341
CH322-133H22	CHORI-322	3L	3485625	3506429
CH322-133H23	CHORI-322	X	18353342	18375780
CH322-133I01	CHORI-322	3R	167511	187730
CH322-133I02	CHORI-322	2L	21101979	21124332
CH322-133I03	CHORI-322	3R	23057020	23076110
CH322-133I05	CHORI-322	3R	13952746	13976095
CH322-133I06	CHORI-322	3R	3418701	3439299
CH322-133I08	CHORI-322	2L	20233934	20256181
CH322-133I09	CHORI-322	3L	20973147	20993657
CH322-133I10	CHORI-322	2R	10440434	10458631
CH322-133I12	CHORI-322	3R	23703588	23723022
CH322-133I13	CHORI-322	2R	18232222	18252698
CH322-133I15	CHORI-322	2L	587023	606396
CH322-133I16	CHORI-322	3L	5898285	5917730
CH322-133I17	CHORI-322	2R	3542565	3563051
CH322-133I18	CHORI-322	3R	7457772	7477223
CH322-133I19	CHORI-322	3R	4369909	4389479
CH322-133I21	CHORI-322	3R	13169318	13191042
CH322-133I22	CHORI-322	3L	4821257	4841587
CH322-133I23	CHORI-322	2L	4605647	4626654
CH322-133I24	CHORI-322	3L	21914347	21934009
CH322-133J01	CHORI-322	3R	11757948	11778475
CH322-133J02	CHORI-322	3R	12729707	12750000
CH322-133J04	CHORI-322	2L	15648402	15666687
CH322-133J05	CHORI-322	2L	666261	684975
CH322-133J06	CHORI-322	3R	2430768	2453278
CH322-133J07	CHORI-322	3L	8756140	8776123
CH322-133J09	CHORI-322	3L	21390369	21413599
CH322-133J10	CHORI-322	2R	13169184	13189438
CH322-133J11	CHORI-322	2L	4074479	4093320
CH322-133J12	CHORI-322	2L	3952029	3972210
CH322-133J13	CHORI-322	2R	4796257	4820962
CH322-133J15	CHORI-322	3R	25524812	25543258
CH322-133J17	CHORI-322	2R	4126497	4146305
CH322-133J19	CHORI-322	3R	12485422	12506893
CH322-133J22	CHORI-322	3R	22280858	22300597
CH322-133J23	CHORI-322	X	8788667	8810176

CH322-133J24	CHORI-322	3R	3395353	3414959
CH322-133K01	CHORI-322	3R	20855869	20873940
CH322-133K02	CHORI-322	3L	1344297	1365823
CH322-133K03	CHORI-322	2L	14385756	14405288
CH322-133K04	CHORI-322	X	10090324	10111854
CH322-133K05	CHORI-322	3R	13123593	13143987
CH322-133K07	CHORI-322	2R	15910908	15931490
CH322-133K08	CHORI-322	3L	11486157	11504920
CH322-133K11	CHORI-322	3R	16191829	16210949
CH322-133K12	CHORI-322	X	10517589	10539642
CH322-133K13	CHORI-322	3L	9106454	9128633
CH322-133K14	CHORI-322	3R	10840663	10861533
CH322-133K15	CHORI-322	3R	4407392	4427794
CH322-133K16	CHORI-322	2R	18114679	18134921
CH322-133K19	CHORI-322	3R	5734841	5755429
CH322-133K20	CHORI-322	3R	14154856	14174304
CH322-133K22	CHORI-322	3L	13837452	13858968
CH322-133K23	CHORI-322	3R	6546057	6564913
CH322-133K24	CHORI-322	3L	23042832	23063308
CH322-133L01	CHORI-322	3R	27321174	27342926
CH322-133L03	CHORI-322	2R	11791480	11814174
CH322-133L04	CHORI-322	X	756060	779517
CH322-133L05	CHORI-322	X	5988850	6014318
CH322-133L06	CHORI-322	2R	8001173	8023035
CH322-133L07	CHORI-322	2R	13371488	13389933
CH322-133L08	CHORI-322	2L	14706056	14725713
CH322-133L10	CHORI-322	3L	9504217	9523470
CH322-133L12	CHORI-322	2RHet	3116402	3135675
CH322-133L14	CHORI-322	2R	15702988	15724528
CH322-133L15	CHORI-322	3L	11031123	11052828
CH322-133L16	CHORI-322	2R	11474748	11492740
CH322-133L18	CHORI-322	2L	12805657	12827504
CH322-133L19	CHORI-322	3L	11297210	11314969
CH322-133L20	CHORI-322	3L	4694969	4714456
CH322-133L21	CHORI-322	3L	7656175	7678408
CH322-133L22	CHORI-322	X	12192389	12212825
CH322-133L24	CHORI-322	2L	11579638	11602766
CH322-133M01	CHORI-322	3R	8619161	8639425
CH322-133M02	CHORI-322	X	12577721	12599694
CH322-133M03	CHORI-322	3R	26905934	26925989
CH322-133M04	CHORI-322	X	1291238	1311299
CH322-133M05	CHORI-322	X	20996676	21016713
CH322-133M06	CHORI-322	3R	23930573	23951089
CH322-133M07	CHORI-322	3R	13733114	13754336
CH322-133M08	CHORI-322	3R	11377792	11397181
CH322-133M09	CHORI-322	2R	19695529	19714576
CH322-133M10	CHORI-322	ArmU	2294657	2318303
CH322-133M12	CHORI-322	3R	18177601	18196957
CH322-133M13	CHORI-322	3R	18791493	18812146
CH322-133M14	CHORI-322	3R	10788684	10808099
CH322-133M15	CHORI-322	3L	1976201	1997122
CH322-133M16	CHORI-322	2R	6402978	6424644
CH322-133M17	CHORI-322	3R	23390104	23410074
CH322-133M18	CHORI-322	2L	7407868	7432111

CH322-133M19	CHORI-322	2L	734619	755885
CH322-133M20	CHORI-322	2R	15687736	15710400
CH322-133M22	CHORI-322	3R	7217747	7236641
CH322-133M23	CHORI-322	2L	8732745	8752507
CH322-133M24	CHORI-322	X	10496265	10518435
CH322-133N01	CHORI-322	X	21416288	21436434
CH322-133N03	CHORI-322	3L	12885881	12905290
CH322-133N04	CHORI-322	2L	20235781	20256997
CH322-133N05	CHORI-322	3L	5470008	5488878
CH322-133N06	CHORI-322	2L	13668965	13689884
CH322-133N07	CHORI-322	2R	15697172	15715191
CH322-133N08	CHORI-322	3R	22351722	22372769
CH322-133N09	CHORI-322	2R	16355360	16375816
CH322-133N10	CHORI-322	2R	18115002	18134921
CH322-133N11	CHORI-322	2L	1190516	1210076
CH322-133N12	CHORI-322	2L	10586937	10606993
CH322-133N14	CHORI-322	2L	10649469	10669361
CH322-133N16	CHORI-322	2R	12319779	12338166
CH322-133N17	CHORI-322	3R	21773510	21797121
CH322-133N21	CHORI-322	X	13984336	14002452
CH322-133N22	CHORI-322	3R	15190469	15211694
CH322-133N23	CHORI-322	3L	15422479	15441107
CH322-133O02	CHORI-322	3L	7072671	7096367
CH322-133O03	CHORI-322	3L	11247580	11266587
CH322-133O05	CHORI-322	3R	2319318	2340075
CH322-133O06	CHORI-322	2L	13616317	13639497
CH322-133O07	CHORI-322	2R	10840205	10860130
CH322-133O08	CHORI-322	3L	4427754	4446683
CH322-133O10	CHORI-322	X	9262879	9284639
CH322-133O12	CHORI-322	3R	26690599	26709900
CH322-133O13	CHORI-322	2R	7799908	7818232
CH322-133O14	CHORI-322	X	7225958	7244094
CH322-133O15	CHORI-322	3L	17801592	17821677
CH322-133O16	CHORI-322	2R	9915450	9937142
CH322-133O19	CHORI-322	3R	16228429	16245819
CH322-133O20	CHORI-322	2L	6494339	6517220
CH322-133O21	CHORI-322	3R	4198489	4220334
CH322-133O24	CHORI-322	2L	13752237	13772981
CH322-133P01	CHORI-322	3R	25075270	25095364
CH322-133P02	CHORI-322	2L	7490762	7511564
CH322-133P03	CHORI-322	2R	16871586	16889899
CH322-133P04	CHORI-322	X	11975318	11996079
CH322-133P05	CHORI-322	2L	5809532	5830960
CH322-133P07	CHORI-322	2L	4528366	4546876
CH322-133P08	CHORI-322	3L	14519988	14543227
CH322-133P09	CHORI-322	3R	6906630	6926291
CH322-133P10	CHORI-322	3L	19497060	19517306
CH322-133P11	CHORI-322	3R	20300591	20320074
CH322-133P12	CHORI-322	2L	16586731	16605027
CH322-133P13	CHORI-322	2R	13087182	13108003
CH322-133P14	CHORI-322	X	12249648	12269947
CH322-133P15	CHORI-322	3R	25772508	25792427
CH322-133P17	CHORI-322	2R	14777455	14797485
CH322-133P18	CHORI-322	X	5923414	5941688

CH322-133P20	CHORI-322	X	2423350	2443735
CH322-133P22	CHORI-322	2L	12860440	12882820
CH322-134A01	CHORI-322	3L	10520207	10538926
CH322-134A02	CHORI-322	3L	14373791	14397668
CH322-134A03	CHORI-322	3R	23096783	23117094
CH322-134A04	CHORI-322	3RHet	9810	27136
CH322-134A05	CHORI-322	2L	19319996	19339674
CH322-134A07	CHORI-322	3L	13346124	13367372
CH322-134A09	CHORI-322	2R	16717815	16738608
CH322-134A10	CHORI-322	X	21349412	21369502
CH322-134A11	CHORI-322	3L	21928449	21948560
CH322-134A12	CHORI-322	2R	8909676	8930460
CH322-134A17	CHORI-322	3L	17437814	17460522
CH322-134A20	CHORI-322	3R	26026405	26048438
CH322-134A22	CHORI-322	3L	7726951	7747436
CH322-134A23	CHORI-322	2L	21104199	21122327
CH322-134B01	CHORI-322	3R	5890695	5908375
CH322-134B02	CHORI-322	3L	22560666	22579578
CH322-134B04	CHORI-322	2L	5642396	5662750
CH322-134B05	CHORI-322	2L	3973302	3992053
CH322-134B06	CHORI-322	X	6746334	6769422
CH322-134B07	CHORI-322	2L	12258762	12280975
CH322-134B09	CHORI-322	2L	4663460	4685090
CH322-134B10	CHORI-322	X	21274940	21296428
CH322-134B11	CHORI-322	X	3436421	3456034
CH322-134B12	CHORI-322	3R	23675830	23698944
CH322-134B13	CHORI-322	2L	1272500	1293069
CH322-134B16	CHORI-322	3L	16989741	17012060
CH322-134B18	CHORI-322	X	6236641	6259473
CH322-134B20	CHORI-322	2R	6276504	6298001
CH322-134B21	CHORI-322	X	3654910	3673745
CH322-134B22	CHORI-322	XHet	26602	45770
CH322-134B23	CHORI-322	2R	19828292	19849604
CH322-134C01	CHORI-322	3L	22816946	22837896
CH322-134C02	CHORI-322	3R	26586710	26605864
CH322-134C04	CHORI-322	3R	18724447	18744235
CH322-134C06	CHORI-322	3R	6927360	6947276
CH322-134C08	CHORI-322	3R	9795157	9814019
CH322-134C09	CHORI-322	3R	10818739	10838514
CH322-134C11	CHORI-322	2L	14427475	14447257
CH322-134C12	CHORI-322	4	546480	567530
CH322-134C13	CHORI-322	2R	7250607	7268120
CH322-134C15	CHORI-322	ArmU	2419911	2437236
CH322-134C20	CHORI-322	3R	16067085	16086251
CH322-134C24	CHORI-322	4	438136	458313
CH322-134D02	CHORI-322	2L	20514317	20535083
CH322-134D03	CHORI-322	X	4603528	4619594
CH322-134D04	CHORI-322	3L	24296956	24316695
CH322-134D06	CHORI-322	3L	12349060	12368132
CH322-134D09	CHORI-322	3R	24261343	24279069
CH322-134D10	CHORI-322	X	14317176	14336684
CH322-134D14	CHORI-322	X	904103	926798
CH322-134D15	CHORI-322	2R	5145245	5167873
CH322-134D16	CHORI-322	2L	2814329	2832906

CH322-134D17	CHORI-322	2R	12420626	12444035
CH322-134D18	CHORI-322	3R	6999491	7022021
CH322-134D19	CHORI-322	2L	15166434	15185558
CH322-134D20	CHORI-322	2L	12382376	12403492
CH322-134D22	CHORI-322	3L	8091593	8110783
CH322-134E01	CHORI-322	X	19120056	19141519
CH322-134E02	CHORI-322	2L	19772944	19795089
CH322-134E03	CHORI-322	3R	19454297	19474446
CH322-134E05	CHORI-322	2R	1612214	1631523
CH322-134E06	CHORI-322	3R	10788186	10805663
CH322-134E07	CHORI-322	2R	16155206	16177881
CH322-134E08	CHORI-322	2L	9251929	9271294
CH322-134E09	CHORI-322	3R	27829502	27849172
CH322-134E10	CHORI-322	3R	13112705	13134477
CH322-134E12	CHORI-322	3L	3268771	3289626
CH322-134E14	CHORI-322	3R	5038166	5059510
CH322-134E18	CHORI-322	2L	11788404	11810677
CH322-134E20	CHORI-322	2R	2652163	2670709
CH322-134E21	CHORI-322	3R	12623543	12643419
CH322-134E22	CHORI-322	3RHet	806800	827565
CH322-134E24	CHORI-322	2L	7356198	7378523
CH322-134F01	CHORI-322	3L	12239522	12260206
CH322-134F03	CHORI-322	3R	14185539	14205658
CH322-134F04	CHORI-322	3R	4364580	4384239
CH322-134F05	CHORI-322	3R	8831192	8853172
CH322-134F07	CHORI-322	3L	10037681	10055327
CH322-134F08	CHORI-322	2L	4007196	4027701
CH322-134F10	CHORI-322	2R	4039789	4060078
CH322-134F11	CHORI-322	2R	16557866	16580182
CH322-134F12	CHORI-322	3R	11187669	11208137
CH322-134F13	CHORI-322	X	1119676	1140337
CH322-134F14	CHORI-322	3L	8668031	8686388
CH322-134F15	CHORI-322	3L	5476566	5495820
CH322-134F16	CHORI-322	3R	22364229	22383499
CH322-134F17	CHORI-322	2L	4940531	4961489
CH322-134F18	CHORI-322	3R	12000096	12022693
CH322-134F20	CHORI-322	X	1366017	1387490
CH322-134F22	CHORI-322	3L	6701493	6721400
CH322-134F23	CHORI-322	3R	5137462	5156888
CH322-134F24	CHORI-322	3L	19186791	19210474
CH322-134G01	CHORI-322	X	19309577	19330174
CH322-134G03	CHORI-322	2L	1107547	1128174
CH322-134G04	CHORI-322	3R	15508489	15527380
CH322-134G06	CHORI-322	2R	13505624	13525828
CH322-134G08	CHORI-322	3R	15806088	15826503
CH322-134G09	CHORI-322	2R	4717661	4739137
CH322-134G10	CHORI-322	X	6072787	6094631
CH322-134G11	CHORI-322	3R	6311971	6332418
CH322-134G12	CHORI-322	3L	14029551	14047084
CH322-134G13	CHORI-322	3R	6622757	6642185
CH322-134G16	CHORI-322	3L	2618987	2640226
CH322-134G19	CHORI-322	3L	18945423	18964998
CH322-134G20	CHORI-322	3L	17161966	17184733
CH322-134G22	CHORI-322	3R	12767326	12786840

CH322-134H01	CHORI-322	3L	22351459	22372640
CH322-134H02	CHORI-322	3L	12218345	12238023
CH322-134H03	CHORI-322	2R	15736375	15758375
CH322-134H06	CHORI-322	3R	265575	286310
CH322-134H07	CHORI-322	3R	4258650	4282306
CH322-134H09	CHORI-322	3R	20177179	20198909
CH322-134H10	CHORI-322	4	757572	777364
CH322-134H13	CHORI-322	3L	6110087	6130589
CH322-134H14	CHORI-322	3R	4189653	4206871
CH322-134H15	CHORI-322	2R	12203234	12223367
CH322-134H16	CHORI-322	3R	759736	780095
CH322-134H17	CHORI-322	2L	20837859	20857210
CH322-134H18	CHORI-322	2L	21609231	21630309
CH322-134H22	CHORI-322	2L	11026753	11047237
CH322-134H24	CHORI-322	3L	16097040	16118003
CH322-134I01	CHORI-322	3R	23813361	23830767
CH322-134I02	CHORI-322	2L	213053	234142
CH322-134I03	CHORI-322	2R	4027009	4048246
CH322-134I04	CHORI-322	2L	19206026	19226510
CH322-134I05	CHORI-322	2R	14759303	14777454
CH322-134I07	CHORI-322	3L	8194731	8218538
CH322-134I10	CHORI-322	3L	16992501	17012681
CH322-134I11	CHORI-322	3R	24368079	24388571
CH322-134I12	CHORI-322	2L	9021620	9042086
CH322-134I13	CHORI-322	2L	1249382	1267743
CH322-134I14	CHORI-322	2R	7793932	7814598
CH322-134I17	CHORI-322	2L	4736694	4757881
CH322-134I18	CHORI-322	2L	8885437	8905883
CH322-134I22	CHORI-322	3L	694322	711849
CH322-134I24	CHORI-322	2R	12279274	12303105
CH322-134J02	CHORI-322	2L	6504396	6525696
CH322-134J03	CHORI-322	X	14848353	14866046
CH322-134J04	CHORI-322	3R	17786501	17807223
CH322-134J05	CHORI-322	X	14979906	15002347
CH322-134J06	CHORI-322	2R	13553871	13573344
CH322-134J07	CHORI-322	2R	16572259	16593923
CH322-134J08	CHORI-322	2L	20553537	20574012
CH322-134J09	CHORI-322	X	20456459	20479160
CH322-134J10	CHORI-322	3R	24467304	24484359
CH322-134J11	CHORI-322	2R	424804	442594
CH322-134J14	CHORI-322	2R	10117775	10137725
CH322-134J17	CHORI-322	2R	10304827	10326058
CH322-134J20	CHORI-322	2R	5261868	5280286
CH322-134J21	CHORI-322	3L	852969	871993
CH322-134J22	CHORI-322	3L	3703986	3721659
CH322-134J23	CHORI-322	X	15608962	15626868
CH322-134J24	CHORI-322	2R	7515600	7532923
CH322-134K02	CHORI-322	3R	26926963	26945705
CH322-134K03	CHORI-322	2L	5408972	5429906
CH322-134K06	CHORI-322	3R	22776901	22795663
CH322-134K08	CHORI-322	3R	18047615	18065001
CH322-134K09	CHORI-322	2L	22311305	22330542
CH322-134K10	CHORI-322	2RHet	312277	333485
CH322-134K16	CHORI-322	3R	2128915	2149957

CH322-134K17	CHORI-322	2R	7158520	7179790
CH322-134K18	CHORI-322	3R	2213814	2234324
CH322-134K20	CHORI-322	2R	21075923	21096508
CH322-134K21	CHORI-322	3R	3736756	3758967
CH322-134K22	CHORI-322	3R	23647934	23672307
CH322-134K24	CHORI-322	3L	600572	620268
CH322-134L01	CHORI-322	3R	17816621	17837306
CH322-134L02	CHORI-322	X	180180	199389
CH322-134L03	CHORI-322	2L	21635153	21658364
CH322-134L04	CHORI-322	2R	2670265	2690859
CH322-134L07	CHORI-322	3R	6564910	6581791
CH322-134L08	CHORI-322	2L	7862592	7880937
CH322-134L10	CHORI-322	X	9781902	9803866
CH322-134L12	CHORI-322	2R	15091967	15110708
CH322-134L13	CHORI-322	3L	16479649	16497433
CH322-134L15	CHORI-322	3L	6764407	6786968
CH322-134L16	CHORI-322	3R	3740339	3760581
CH322-134L17	CHORI-322	2R	12341690	12359507
CH322-134L18	CHORI-322	2R	6330215	6348833
CH322-134L19	CHORI-322	2R	6620830	6640209
CH322-134L21	CHORI-322	X	8055363	8075299
CH322-134L22	CHORI-322	3L	4628655	4646152
CH322-134L23	CHORI-322	X	19400533	19422151
CH322-134L24	CHORI-322	3R	12329544	12349059
CH322-134M01	CHORI-322	2L	10964733	10983712
CH322-134M02	CHORI-322	2R	11320442	11343456
CH322-134M03	CHORI-322	3R	4351710	4372784
CH322-134M04	CHORI-322	X	3147349	3167125
CH322-134M05	CHORI-322	2L	11006513	11027193
CH322-134M06	CHORI-322	2R	18391287	18414714
CH322-134M07	CHORI-322	2L	19343886	19364256
CH322-134M08	CHORI-322	2R	10346602	10366277
CH322-134M10	CHORI-322	3R	6923592	6941038
CH322-134M13	CHORI-322	3R	26040775	26063827
CH322-134M14	CHORI-322	3R	17141796	17161120
CH322-134M16	CHORI-322	3R	486596	506778
CH322-134M18	CHORI-322	2R	7995416	8013772
CH322-134M20	CHORI-322	X	13312967	13334868
CH322-134M22	CHORI-322	2L	16638178	16659393
CH322-134M24	CHORI-322	X	20634551	20655368
CH322-134N01	CHORI-322	2R	3067150	3085482
CH322-134N02	CHORI-322	2R	19410018	19433054
CH322-134N05	CHORI-322	3L	22326303	22346025
CH322-134N06	CHORI-322	X	3562525	3582291
CH322-134N07	CHORI-322	X	10162948	10182032
CH322-134N12	CHORI-322	3R	15501449	15519995
CH322-134N13	CHORI-322	2R	19142225	19162872
CH322-134N14	CHORI-322	3R	9349309	9370445
CH322-134N15	CHORI-322	3R	9291479	9314106
CH322-134N16	CHORI-322	2L	16425020	16447411
CH322-134N18	CHORI-322	3R	16147016	16169348
CH322-134N20	CHORI-322	X	19301106	19320385
CH322-134N21	CHORI-322	X	21292534	21312414
CH322-134N22	CHORI-322	3R	126004	148497

CH322-134N23	CHORI-322	2R	10001926	10023252
CH322-134O01	CHORI-322	2L	5527412	5546455
CH322-134O03	CHORI-322	3R	17231846	17253161
CH322-134O04	CHORI-322	3L	14446968	14466323
CH322-134O05	CHORI-322	3R	16236858	16258545
CH322-134O06	CHORI-322	3L	24232886	24255672
CH322-134O08	CHORI-322	3R	10434527	10454265
CH322-134O09	CHORI-322	3L	8042430	8061878
CH322-134O10	CHORI-322	2R	15826577	15848383
CH322-134O11	CHORI-322	3R	21187708	21209813
CH322-134O14	CHORI-322	3L	15807440	15825052
CH322-134O16	CHORI-322	2L	9255778	9276736
CH322-134O17	CHORI-322	3R	16603925	16624737
CH322-134O18	CHORI-322	2R	20584010	20605397
CH322-134O19	CHORI-322	2R	9793661	9813537
CH322-134O20	CHORI-322	3L	16615526	16635058
CH322-134O21	CHORI-322	2L	17360224	17379548
CH322-134O22	CHORI-322	2L	16189375	16206036
CH322-134O23	CHORI-322	2R	8009411	8027507
CH322-134O24	CHORI-322	3L	6095608	6117785
CH322-134P01	CHORI-322	3L	18168183	18187435
CH322-134P02	CHORI-322	3L	6230687	6250825
CH322-134P03	CHORI-322	3R	17808016	17829866
CH322-134P04	CHORI-322	3R	22111478	22130308
CH322-134P05	CHORI-322	X	10349898	10369785
CH322-134P06	CHORI-322	2L	5334800	5352824
CH322-134P07	CHORI-322	2L	6099963	6120782
CH322-134P08	CHORI-322	2L	16546732	16568400
CH322-134P09	CHORI-322	2R	1345676	1365984
CH322-134P10	CHORI-322	2R	16873448	16897728
CH322-134P12	CHORI-322	3L	6091969	6115343
CH322-134P13	CHORI-322	3L	21572912	21593076
CH322-134P16	CHORI-322	2R	9504590	9523794
CH322-134P19	CHORI-322	3L	23387378	23408347
CH322-134P23	CHORI-322	2R	18026156	18046346
CH322-134P24	CHORI-322	3R	16538660	16561132
CH322-135A04	CHORI-322	3R	24119459	24142186
CH322-135A05	CHORI-322	2R	2707849	2731102
CH322-135A06	CHORI-322	3L	10238969	10258070
CH322-135A08	CHORI-322	3LHet	1361573	1382088
CH322-135A09	CHORI-322	3R	6386870	6408415
CH322-135A11	CHORI-322	2L	5758947	5779187
CH322-135A12	CHORI-322	2L	17330876	17351225
CH322-135A13	CHORI-322	3L	715694	736295
CH322-135A14	CHORI-322	2R	13906109	13925271
CH322-135A16	CHORI-322	3L	8996133	9015930
CH322-135A17	CHORI-322	3R	22317547	22338236
CH322-135A18	CHORI-322	3R	13044952	13067584
CH322-135A19	CHORI-322	2R	7472916	7494159
CH322-135A20	CHORI-322	3L	22949147	22970396
CH322-135A21	CHORI-322	X	2496687	2514238
CH322-135A22	CHORI-322	2L	16314411	16334249
CH322-135A23	CHORI-322	3R	974051	994252
CH322-135A24	CHORI-322	2R	2645826	2667596

CH322-135B03	CHORI-322	2L	2670402	2690462
CH322-135B04	CHORI-322	X	4194556	4217527
CH322-135B05	CHORI-322	2L	10576345	10593431
CH322-135B07	CHORI-322	3R	13127182	13147170
CH322-135B10	CHORI-322	2R	1936459	1960138
CH322-135B12	CHORI-322	3L	8137641	8157296
CH322-135B13	CHORI-322	3L	12325143	12344709
CH322-135B14	CHORI-322	2R	1212267	1231959
CH322-135B15	CHORI-322	3L	12331739	12355424
CH322-135B17	CHORI-322	X	9634770	9654104
CH322-135B18	CHORI-322	3R	23270801	23291170
CH322-135B19	CHORI-322	2R	2608569	2628790
CH322-135B20	CHORI-322	3R	26520860	26541258
CH322-135B22	CHORI-322	3R	12423174	12443939
CH322-135B23	CHORI-322	X	14291479	14311751
CH322-135B24	CHORI-322	2R	16616594	16639897
CH322-135C01	CHORI-322	X	18433739	18454105
CH322-135C02	CHORI-322	2L	1197738	1219743
CH322-135C03	CHORI-322	2R	4889933	4907690
CH322-135C04	CHORI-322	2L	21714583	21733574
CH322-135C05	CHORI-322	2L	20392040	20412731
CH322-135C06	CHORI-322	2R	1013581	1033977
CH322-135C08	CHORI-322	2R	14979973	15001127
CH322-135C09	CHORI-322	3R	25260333	25281441
CH322-135C10	CHORI-322	3L	9899420	9919845
CH322-135C11	CHORI-322	3R	19736455	19757007
CH322-135C12	CHORI-322	X	14615583	14636188
CH322-135C13	CHORI-322	3L	5207719	5227587
CH322-135C15	CHORI-322	3L	21734751	21756312
CH322-135C16	CHORI-322	X	11241555	11261604
CH322-135C17	CHORI-322	3LHet	593211	613330
CH322-135C18	CHORI-322	X	13438092	13460245
CH322-135C19	CHORI-322	3L	14779082	14800899
CH322-135C20	CHORI-322	X	16764121	16786527
CH322-135C22	CHORI-322	2L	16059596	16080127
CH322-135C24	CHORI-322	2R	27557 45918	
CH322-135D02	CHORI-322	3L	21351003	21372699
CH322-135D03	CHORI-322	2R	16002692	16023951
CH322-135D04	CHORI-322	3R	14530067	14551980
CH322-135D05	CHORI-322	3R	7988660	8009153
CH322-135D06	CHORI-322	3LHet	828956	847938
CH322-135D07	CHORI-322	3RHet	211712	232274
CH322-135D08	CHORI-322	3L	17988279	18008764
CH322-135D09	CHORI-322	3R	7021924	7039897
CH322-135D10	CHORI-322	X	9873603	9893588
CH322-135D11	CHORI-322	2L	11624858	11646307
CH322-135D12	CHORI-322	3L	11017152	11037875
CH322-135D13	CHORI-322	2L	7332440	7350929
CH322-135D14	CHORI-322	2L	5778733	5801061
CH322-135D15	CHORI-322	2L	13044090	13064356
CH322-135D16	CHORI-322	3R	10762079	10779976
CH322-135D17	CHORI-322	3L	8662409	8680857
CH322-135D18	CHORI-322	3RHet	1085498	1101939
CH322-135D20	CHORI-322	ArmU	1290425	1308129

CH322-135D21	CHORI-322	3R	24017627	24036539
CH322-135D22	CHORI-322	3R	24832275	24852303
CH322-135D24	CHORI-322	3L	2878024	2898399
CH322-135E01	CHORI-322	2R	20975803	20993907
CH322-135E02	CHORI-322	3R	5966236	5986298
CH322-135E03	CHORI-322	3R	5198810	5219093
CH322-135E04	CHORI-322	3R	25607765	25624772
CH322-135E05	CHORI-322	3L	9141122	9163428
CH322-135E08	CHORI-322	3L	8195222	8215174
CH322-135E11	CHORI-322	2L	18398228	18418722
CH322-135E12	CHORI-322	2L	21972169	21994644
CH322-135E13	CHORI-322	3L	5373060	5392578
CH322-135E14	CHORI-322	3R	736016	754475
CH322-135E15	CHORI-322	3L	17483217	17502143
CH322-135E16	CHORI-322	3R	17143221	17161123
CH322-135E17	CHORI-322	3L	23971724	23992394
CH322-135E18	CHORI-322	2L	17771659	17789546
CH322-135E20	CHORI-322	2R	3013424	3035368
CH322-135E21	CHORI-322	2R	5733661	5751368
CH322-135E22	CHORI-322	3L	11886557	11903931
CH322-135E23	CHORI-322	2L	1913824	1932691
CH322-135E24	CHORI-322	2L	4660546	4683804
CH322-135F01	CHORI-322	3R	7967904	7988821
CH322-135F02	CHORI-322	2L	11430790	11451476
CH322-135F03	CHORI-322	3L	14833071	14854779
CH322-135F04	CHORI-322	3L	2869488	2888790
CH322-135F07	CHORI-322	2L	11324384	11341813
CH322-135F09	CHORI-322	3L	6455681	6474562
CH322-135F10	CHORI-322	X	715454	738098
CH322-135F12	CHORI-322	3L	13300551	13320516
CH322-135F13	CHORI-322	X	18106986	18127605
CH322-135F14	CHORI-322	2L	12250743	12270740
CH322-135F15	CHORI-322	3R	23830767	23851090
CH322-135F16	CHORI-322	X	10076133	10095986
CH322-135F17	CHORI-322	2R	18389780	18413367
CH322-135F18	CHORI-322	3R	13116126	13136750
CH322-135F20	CHORI-322	2L	9044306	9066250
CH322-135F21	CHORI-322	2L	10922560	10942763
CH322-135F22	CHORI-322	X	6750554	6771012
CH322-135F23	CHORI-322	2R	803106	824654
CH322-135F24	CHORI-322	3R	17956072	17976279
CH322-135G01	CHORI-322	2L	19339671	19359727
CH322-135G03	CHORI-322	2L	7384105	7404684
CH322-135G04	CHORI-322	3L	17343404	17365096
CH322-135G07	CHORI-322	3R	4186737	4206833
CH322-135G11	CHORI-322	X	8769504	8789242
CH322-135G12	CHORI-322	3L	18106511	18125417
CH322-135G15	CHORI-322	3L	8598762	8620192
CH322-135G18	CHORI-322	3R	10821737	10839915
CH322-135G19	CHORI-322	2L	9044306	9063510
CH322-135G20	CHORI-322	2R	10504189	10524543
CH322-135G21	CHORI-322	2R	17962585	17981516
CH322-135G22	CHORI-322	2R	17324131	17346537
CH322-135G23	CHORI-322	2L	90051	110798

CH322-135G24	CHORI-322	2R	10662389	10681259
CH322-135H01	CHORI-322	X	18231980	18253481
CH322-135H02	CHORI-322	2L	17532024	17552209
CH322-135H03	CHORI-322	3L	7500058	7519421
CH322-135H11	CHORI-322	X	7886241	7907892
CH322-135H13	CHORI-322	3L	15615290	15634084
CH322-135H15	CHORI-322	3L	18798595	18819759
CH322-135H16	CHORI-322	X	10095988	10119319
CH322-135H17	CHORI-322	3RHet	163892	184842
CH322-135H18	CHORI-322	3L	947961	971270
CH322-135H19	CHORI-322	3R	27677484	27696320
CH322-135H21	CHORI-322	2R	4530161	4550314
CH322-135H22	CHORI-322	3R	9373127	9394194
CH322-135H23	CHORI-322	3R	11358894	11378431
CH322-135H24	CHORI-322	2R	20013567	20033695
CH322-135I01	CHORI-322	ArmU	2205744	2227962
CH322-135I02	CHORI-322	X	3651667	3668507
CH322-135I03	CHORI-322	3L	599949	620685
CH322-135I09	CHORI-322	2R	21031446	21052341
CH322-135I11	CHORI-322	X	2916971	2933996
CH322-135I13	CHORI-322	2L	19777587	19796283
CH322-135I14	CHORI-322	3R	7311913	7331687
CH322-135I15	CHORI-322	2L	6307460	6325274
CH322-135I17	CHORI-322	3R	22319095	22336459
CH322-135I18	CHORI-322	3R	3438419	3458029
CH322-135I19	CHORI-322	3R	15945416	15966005
CH322-135I20	CHORI-322	2L	2547742	2568022
CH322-135I22	CHORI-322	3R	1752015	1774118
CH322-135I23	CHORI-322	3L	1979673	2001008
CH322-135I24	CHORI-322	2R	1979669	1998871
CH322-135J01	CHORI-322	2L	18548395	18566198
CH322-135J02	CHORI-322	3L	5642665	5659406
CH322-135J03	CHORI-322	3L	19621278	19641296
CH322-135J04	CHORI-322	3L	508201	528948
CH322-135J09	CHORI-322	2L	15870172	15892003
CH322-135J10	CHORI-322	2L	1760231	1780028
CH322-135J11	CHORI-322	3L	21865759	21885431
CH322-135J12	CHORI-322	3L	17325432	17345855
CH322-135J15	CHORI-322	3L	14214368	14231467
CH322-135J17	CHORI-322	3L	22055009	22075824
CH322-135J18	CHORI-322	X	3844639	3865996
CH322-135J19	CHORI-322	3L	5300944	5322658
CH322-135J20	CHORI-322	X	9293930	9313975
CH322-135J21	CHORI-322	3L	4660197	4677780
CH322-135J23	CHORI-322	X	3207133	3228216
CH322-135K01	CHORI-322	3R	2507046	2526767
CH322-135K02	CHORI-322	3R	1290000	1308816
CH322-135K03	CHORI-322	2R	17252405	17273323
CH322-135K09	CHORI-322	3L	21426483	21444240
CH322-135K10	CHORI-322	2L	6289341	6311018
CH322-135K12	CHORI-322	2R	5894625	5915503
CH322-135K14	CHORI-322	3R	14867425	14886646
CH322-135K15	CHORI-322	2L	7053151	7071488
CH322-135K17	CHORI-322	3L	12879988	12900039

CH322-135K18	CHORI-322	X	9954428	9973357
CH322-135K20	CHORI-322	2R	15063862	15083435
CH322-135K22	CHORI-322	2R	16639984	16661480
CH322-135K23	CHORI-322	2R	20957873	20974811
CH322-135K24	CHORI-322	2R	9505487	9523794
CH322-135L03	CHORI-322	3R	24169358	24192117
CH322-135L04	CHORI-322	X	2503931	2521773
CH322-135L09	CHORI-322	3L	6620847	6641495
CH322-135L10	CHORI-322	3L	1174823	1197757
CH322-135L11	CHORI-322	3L	1122607	1141245
CH322-135L12	CHORI-322	3R	23739667	23760025
CH322-135L13	CHORI-322	2R	8276544	8295599
CH322-135L14	CHORI-322	2R	14524831	14546661
CH322-135L15	CHORI-322	3R	24181964	24202782
CH322-135L16	CHORI-322	3R	12006279	12026294
CH322-135L17	CHORI-322	3L	17768498	17788379
CH322-135L19	CHORI-322	3L	7966708	7986809
CH322-135L20	CHORI-322	3L	2567548	2587949
CH322-135L21	CHORI-322	X	11409970	11429472
CH322-135L22	CHORI-322	2R	13198913	13221555
CH322-135L23	CHORI-322	3R	19000337	19021299
CH322-135L24	CHORI-322	3LHet	2234578	2253609
CH322-135M01	CHORI-322	3R	16941235	16962865
CH322-135M03	CHORI-322	4	648631	668007
CH322-135M04	CHORI-322	3L	15875323	15898168
CH322-135M09	CHORI-322	3L	6374916	6396076
CH322-135M10	CHORI-322	2R	19690576	19711586
CH322-135M11	CHORI-322	3R	18210632	18232159
CH322-135M13	CHORI-322	2L	17670565	17688785
CH322-135M15	CHORI-322	2L	21232373	21253343
CH322-135M16	CHORI-322	3L	22391005	22410881
CH322-135M17	CHORI-322	3L	10338861	10360248
CH322-135M18	CHORI-322	3R	25357975	25378830
CH322-135M19	CHORI-322	3R	4486883	4508671
CH322-135M20	CHORI-322	ArmU	1834452	1849857
CH322-135M21	CHORI-322	3L	2882956	2899603
CH322-135M22	CHORI-322	2L	13942501	13962744
CH322-135N02	CHORI-322	3L	872195	896654
CH322-135N09	CHORI-322	3L	15166790	15186936
CH322-135N11	CHORI-322	3R	4565656	4585150
CH322-135N12	CHORI-322	3L	13802134	13823111
CH322-135N13	CHORI-322	2L	22684924	22704679
CH322-135N14	CHORI-322	3R	3851029	3870825
CH322-135N15	CHORI-322	X	17779324	17800370
CH322-135N18	CHORI-322	3L	15728148	15747507
CH322-135N19	CHORI-322	X	19528262	19550632
CH322-135N20	CHORI-322	3R	14391361	14414075
CH322-135N22	CHORI-322	2R	2702585	2723424
CH322-135N23	CHORI-322	2R	5798619	5817858
CH322-135N24	CHORI-322	2R	12621004	12640069
CH322-135O01	CHORI-322	X	596466	614356
CH322-135O03	CHORI-322	X	22141642	22161740
CH322-135O05	CHORI-322	3R	24476309	24497143
CH322-135O09	CHORI-322	2L	22336899	22357911

CH322-135O10	CHORI-322	3L	12336025	12354401
CH322-135O12	CHORI-322	X	7682652	7702198
CH322-135O13	CHORI-322	2R	15243930	15265528
CH322-135O14	CHORI-322	3L	16620370	16642293
CH322-135O15	CHORI-322	2R	4247536	4268195
CH322-135O16	CHORI-322	3L	17522346	17543230
CH322-135O18	CHORI-322	3L	8782038	8801879
CH322-135O19	CHORI-322	3LHet	355	16493
CH322-135O23	CHORI-322	2R	4175817	4196603
CH322-135P02	CHORI-322	2R	12862628	12880337
CH322-135P03	CHORI-322	X	3383158	3402749
CH322-135P07	CHORI-322	3L	6665463	6682934
CH322-135P10	CHORI-322	2L	17001102	17021043
CH322-135P11	CHORI-322	3L	15011501	15031121
CH322-135P13	CHORI-322	2L	136556	157103
CH322-135P14	CHORI-322	2R	12768899	12787741
CH322-135P15	CHORI-322	3R	15549543	15568784
CH322-135P16	CHORI-322	2L	18786007	18806682
CH322-135P17	CHORI-322	2L	6225249	6243230
CH322-135P18	CHORI-322	3L	17284394	17305239
CH322-135P19	CHORI-322	3L	10184208	10207944
CH322-135P20	CHORI-322	3R	3848342	3871514
CH322-135P22	CHORI-322	3R	21462338	21485047
CH322-136A11	CHORI-322	X	11405563	11426269
CH322-136A21	CHORI-322	3R	482510	504522
CH322-136B05	CHORI-322	2L	16242806	16261588
CH322-136B10	CHORI-322	X	6285691	6305993
CH322-136B11	CHORI-322	3L	22300823	22323098
CH322-136B12	CHORI-322	3L	8691547	8713694
CH322-136B19	CHORI-322	3L	18293734	18313236
CH322-136C04	CHORI-322	2L	15760323	15777744
CH322-136C08	CHORI-322	2L	20378153	20398881
CH322-136C10	CHORI-322	3L	23024099	23040867
CH322-136C11	CHORI-322	X	1458598	1479176
CH322-136C12	CHORI-322	2R	16931512	16951347
CH322-136C13	CHORI-322	2R	11935235	11958943
CH322-136C21	CHORI-322	3L	1009937	1031129
CH322-136D04	CHORI-322	2R	19774615	19799924
CH322-136D05	CHORI-322	3L	10885759	10905038
CH322-136D06	CHORI-322	2L	7359818	7381206
CH322-136D09	CHORI-322	2R	4259006	4279519
CH322-136D10	CHORI-322	X	288986	308047
CH322-136D11	CHORI-322	2L	6267050	6288366
CH322-136D12	CHORI-322	2R	11303628	11326381
CH322-136D18	CHORI-322	X	22136355	22159656
CH322-136D19	CHORI-322	2L	19911907	19931301
CH322-136E01	CHORI-322	3L	2510493	2530013
CH322-136E03	CHORI-322	3L	10463027	10484339
CH322-136E04	CHORI-322	X	19271812	19287968
CH322-136E06	CHORI-322	3LHet	1700890	1719165
CH322-136E07	CHORI-322	3R	14976304	14995161
CH322-136E12	CHORI-322	3L	22443749	22463882
CH322-136E15	CHORI-322	2L	3983428	4005074
CH322-136E16	CHORI-322	3R	16114676	16133054

CH322-136E17	CHORI-322	3R	10616626	10634275
CH322-136E21	CHORI-322	2L	17947321	17968823
CH322-136F01	CHORI-322	3L	10048948	10069807
CH322-136F03	CHORI-322	2L	11484730	11504854
CH322-136F04	CHORI-322	X	1625502	1647728
CH322-136F12	CHORI-322	2L	21611708	21633897
CH322-136F13	CHORI-322	2R	9194137	9213602
CH322-136F15	CHORI-322	2R	10486519	10507863
CH322-136F16	CHORI-322	X	17274816	17294079
CH322-136F18	CHORI-322	3L	11920830	11941592
CH322-136F22	CHORI-322	2L	3166817	3189997
CH322-136G02	CHORI-322	X	11451612	11468647
CH322-136G03	CHORI-322	X	4299644	4319687
CH322-136G04	CHORI-322	2L	16007167	16024547
CH322-136G06	CHORI-322	3L	22125296	22145680
CH322-136G07	CHORI-322	3L	1740229	1761523
CH322-136G08	CHORI-322	2R	19384054	19405979
CH322-136G09	CHORI-322	3L	22764452	22785305
CH322-136G11	CHORI-322	3R	6359149	6379044
CH322-136G12	CHORI-322	2L	13145967	13166662
CH322-136G13	CHORI-322	3L	6777262	6798007
CH322-136G17	CHORI-322	2R	2961280	2984328
CH322-136G18	CHORI-322	3R	12831403	12850066
CH322-136G21	CHORI-322	3L	8796196	8814369
CH322-136H02	CHORI-322	3L	6320004	6340844
CH322-136H03	CHORI-322	3L	10884687	10905393
CH322-136H05	CHORI-322	2L	16341394	16359580
CH322-136H08	CHORI-322	3R	20675094	20695359
CH322-136H10	CHORI-322	2RHet	97917	117797
CH322-136H13	CHORI-322	3R	26371074	26389001
CH322-136H14	CHORI-322	2L	601702	621047
CH322-136H16	CHORI-322	3R	12697465	12718314
CH322-136H20	CHORI-322	2R	4527042	4547497
CH322-136H22	CHORI-322	3L	10920617	10939874
CH322-136H23	CHORI-322	2L	9148428	9169901
CH322-136I04	CHORI-322	3R	10087946	10106711
CH322-136I06	CHORI-322	2RHet	928982	949231
CH322-136I07	CHORI-322	3L	12042081	12065265
CH322-136I08	CHORI-322	2R	12363571	12384504
CH322-136I09	CHORI-322	3L	10021614	10040639
CH322-136I11	CHORI-322	2L	3346833	3367698
CH322-136I12	CHORI-322	X	5140784	5161023
CH322-136I13	CHORI-322	2L	9880695	9904255
CH322-136I15	CHORI-322	2R	11977690	11999402
CH322-136I16	CHORI-322	3R	8379650	8398765
CH322-136I19	CHORI-322	2R	10608466	10629565
CH322-136I20	CHORI-322	X	14612422	14632782
CH322-136I21	CHORI-322	2L	1991731	2010747
CH322-136J03	CHORI-322	3L	22410878	22431809
CH322-136J05	CHORI-322	2L	5683044	5702260
CH322-136J11	CHORI-322	3L	11822827	11841840
CH322-136J13	CHORI-322	3R	20266843	20284495
CH322-136J14	CHORI-322	3R	14806160	14825167
CH322-136J15	CHORI-322	2L	20093490	20116104

CH322-136J22	CHORI-322	X	5775688	5794241
CH322-136K01	CHORI-322	3R	14043144	14065332
CH322-136K03	CHORI-322	2L	19813138	19835025
CH322-136K04	CHORI-322	3L	24033675	24057286
CH322-136K06	CHORI-322	2L	20312288	20329128
CH322-136K09	CHORI-322	2L	15890189	15911102
CH322-136K10	CHORI-322	3R	7420401	7441197
CH322-136K13	CHORI-322	2R	4910442	4931777
CH322-136K15	CHORI-322	3R	17643681	17664919
CH322-136K18	CHORI-322	3L	1746796	1768427
CH322-136K19	CHORI-322	3R	15884330	15903706
CH322-136L02	CHORI-322	2L	6237253	6255887
CH322-136L04	CHORI-322	X	18576319	18598185
CH322-136L05	CHORI-322	2R	11628440	11650906
CH322-136L06	CHORI-322	3R	18256718	18275106
CH322-136L08	CHORI-322	X	10907313	10929422
CH322-136L11	CHORI-322	2L	9654589	9674908
CH322-136L12	CHORI-322	2R	6730019	6750416
CH322-136L13	CHORI-322	2L	18449386	18469283
CH322-136L14	CHORI-322	X	851215	870883
CH322-136L16	CHORI-322	2L	13459914	13479709
CH322-136L19	CHORI-322	3R	18203505	18224480
CH322-136L20	CHORI-322	3L	16145885	16165042
CH322-136L21	CHORI-322	3L	6271624	6292046
CH322-136L22	CHORI-322	2L	14329040	14351721
CH322-136M02	CHORI-322	3L	13609433	13634604
CH322-136M03	CHORI-322	3R	12766994	12788977
CH322-136M04	CHORI-322	3R	5544762	5566923
CH322-136M05	CHORI-322	X	10839995	10862340
CH322-136M06	CHORI-322	2R	13492754	13511204
CH322-136M08	CHORI-322	3R	18359615	18381245
CH322-136M10	CHORI-322	2R	12206902	12227894
CH322-136M12	CHORI-322	3L	8635424	8653215
CH322-136M13	CHORI-322	3L	12309540	12330256
CH322-136M14	CHORI-322	2R	6788244	6806614
CH322-136M15	CHORI-322	2LHet	4496	22641
CH322-136M16	CHORI-322	4	685818	709076
CH322-136M17	CHORI-322	3R	17673743	17694936
CH322-136M21	CHORI-322	X	4814117	4836030
CH322-136N02	CHORI-322	3L	8904569	8926441
CH322-136N04	CHORI-322	2L	160033	178562
CH322-136N06	CHORI-322	2R	17115203	17138888
CH322-136N07	CHORI-322	X	10281382	10300505
CH322-136N10	CHORI-322	3R	12159689	12179479
CH322-136N11	CHORI-322	2L	14929842	14950554
CH322-136N12	CHORI-322	3LHet	151871	169847
CH322-136N13	CHORI-322	2L	14893095	14911783
CH322-136N14	CHORI-322	2L	7479991	7501802
CH322-136N15	CHORI-322	3L	22345314	22366810
CH322-136N16	CHORI-322	4	140365	159592
CH322-136N18	CHORI-322	3R	9041605	9065029
CH322-136N19	CHORI-322	X	4331942	4350895
CH322-136N20	CHORI-322	X	2918511	2941250
CH322-136N21	CHORI-322	3R	2601426	2618770

CH322-136O01	CHORI-322	3L	2852785	2874658
CH322-136O02	CHORI-322	2R	19339552	19360989
CH322-136O04	CHORI-322	2L	4733595	4756274
CH322-136O05	CHORI-322	3L	17686705	17705664
CH322-136O06	CHORI-322	X	10724987	10745473
CH322-136O07	CHORI-322	X	10090960	10112905
CH322-136O10	CHORI-322	X	21369499	21389290
CH322-136O11	CHORI-322	X	2224545	2244797
CH322-136O12	CHORI-322	3L	2974736	2994852
CH322-136O15	CHORI-322	2R	15923161	15942378
CH322-136O17	CHORI-322	2R	14917435	14938678
CH322-136O20	CHORI-322	3R	20195962	20217056
CH322-136P06	CHORI-322	3R	27695251	27716596
CH322-136P08	CHORI-322	2R	14064250	14083380
CH322-137A01	CHORI-322	3L	6856663	6873457
CH322-137A02	CHORI-322	2L	1052719	1074039
CH322-137A03	CHORI-322	3R	10682598	10699875
CH322-137A04	CHORI-322	2L	18299675	18317766
CH322-137A05	CHORI-322	3R	5734841	5755429
CH322-137A06	CHORI-322	X	7888610	7912407
CH322-137A07	CHORI-322	2L	2009611	2028650
CH322-137A08	CHORI-322	2L	21177059	21197894
CH322-137A09	CHORI-322	X	2404557	2425422
CH322-137A11	CHORI-322	2L	956190	979095
CH322-137A13	CHORI-322	3R	19436463	19455028
CH322-137A14	CHORI-322	X	17311982	17329656
CH322-137A15	CHORI-322	2R	2062018	2083551
CH322-137A17	CHORI-322	3L	5715517	5734135
CH322-137A19	CHORI-322	2L	19337753	19359214
CH322-137A20	CHORI-322	2L	18261157	18283576
CH322-137A21	CHORI-322	3L	1291617	1311485
CH322-137B01	CHORI-322	2R	1369842	1387195
CH322-137B02	CHORI-322	3R	4956789	4978086
CH322-137B03	CHORI-322	X	6378202	6396888
CH322-137B04	CHORI-322	3R	6685938	6704420
CH322-137B05	CHORI-322	3R	16482726	16503115
CH322-137B06	CHORI-322	3L	9043285	9063847
CH322-137B07	CHORI-322	2R	13505624	13525830
CH322-137B08	CHORI-322	3R	25061202	25082498
CH322-137B09	CHORI-322	3R	8831594	8852090
CH322-137B10	CHORI-322	2R	5153509	5172933
CH322-137B11	CHORI-322	2L	9951625	9974282
CH322-137B12	CHORI-322	2L	7637526	7657823
CH322-137B14	CHORI-322	3R	21446531	21470090
CH322-137B15	CHORI-322	3R	23830791	23848873
CH322-137B17	CHORI-322	3L	7132377	7151007
CH322-137B18	CHORI-322	2L	11909970	11932665
CH322-137B19	CHORI-322	3R	2230451	2247989
CH322-137B22	CHORI-322	X	13135960	13155274
CH322-137B23	CHORI-322	3R	13815392	13836426
CH322-137C01	CHORI-322	3L	22525839	22545493
CH322-137C02	CHORI-322	2L	2440003	2459993
CH322-137C04	CHORI-322	2L	18757277	18780128
CH322-137C05	CHORI-322	2L	2979038	2999976

CH322-137C06	CHORI-322	3L	17595806	17614320
CH322-137C08	CHORI-322	3L	7024529	7043602
CH322-137C13	CHORI-322	2R	5075269	5094201
CH322-137C14	CHORI-322	2L	13662570	13681998
CH322-137C15	CHORI-322	X	6400358	6419793
CH322-137C16	CHORI-322	2L	5620758	5641214
CH322-137C17	CHORI-322	X	15729603	15751425
CH322-137C18	CHORI-322	2R	295038	314783
CH322-137C19	CHORI-322	2L	10825132	10842991
CH322-137C20	CHORI-322	2L	22705455	22727145
CH322-137C21	CHORI-322	3R	909815	928781
CH322-137C22	CHORI-322	2L	19817090	19836528
CH322-137C23	CHORI-322	3L	16988998	17012576
CH322-137C24	CHORI-322	X	946325	964276
CH322-137D01	CHORI-322	2L	7138514	7158606
CH322-137D04	CHORI-322	2L	14479275	14499038
CH322-137D05	CHORI-322	3L	20267557	20287026
CH322-137D06	CHORI-322	X	423861	445639
CH322-137D07	CHORI-322	3L	5500647	5520155
CH322-137D09	CHORI-322	2L	1463378	1481537
CH322-137D10	CHORI-322	2R	10757635	10779213
CH322-137D11	CHORI-322	3L	6501087	6519637
CH322-137D12	CHORI-322	3L	10845305	10866256
CH322-137D13	CHORI-322	ArmU	184736	207026
CH322-137D14	CHORI-322	3L	1173630	1194484
CH322-137D17	CHORI-322	X	15422859	15442121
CH322-137D18	CHORI-322	3L	8294541	8318733
CH322-137D20	CHORI-322	3L	20781994	20802586
CH322-137D21	CHORI-322	2R	9440747	9459147
CH322-137D23	CHORI-322	3LHet	595438	616244
CH322-137E01	CHORI-322	3L	9687506	9707737
CH322-137E02	CHORI-322	X	13465578	13487369
CH322-137E03	CHORI-322	3R	5553014	5575495
CH322-137E04	CHORI-322	X	20847705	20867822
CH322-137E05	CHORI-322	3R	21284043	21304557
CH322-137E06	CHORI-322	3R	11085764	11104902
CH322-137E07	CHORI-322	2L	5303913	5322559
CH322-137E12	CHORI-322	2L	5143067	5163893
CH322-137E14	CHORI-322	3R	15948595	15969269
CH322-137E15	CHORI-322	3RHet	1673169	1691903
CH322-137E18	CHORI-322	2L	21104242	21124332
CH322-137E19	CHORI-322	3R	3379289	3399057
CH322-137E20	CHORI-322	2R	13961181	13979745
CH322-137E21	CHORI-322	3R	23270801	23291175
CH322-137E22	CHORI-322	X	17499857	17522992
CH322-137F01	CHORI-322	X	12393586	12413542
CH322-137F03	CHORI-322	3R	22247400	22266118
CH322-137F04	CHORI-322	3R	20797699	20821055
CH322-137F06	CHORI-322	3R	5253077	5271086
CH322-137F08	CHORI-322	3R	26433795	26453425
CH322-137F09	CHORI-322	X	9671921	9692388
CH322-137F11	CHORI-322	3L	987903	1005466
CH322-137F12	CHORI-322	2L	9121474	9139093
CH322-137F13	CHORI-322	X	5237601	5257692

CH322-137F14	CHORI-322	X	18300470	18321261
CH322-137F15	CHORI-322	X	17938676	17958415
CH322-137F16	CHORI-322	3RHet	1784607	1805841
CH322-137F17	CHORI-322	2L	5742032	5764108
CH322-137F18	CHORI-322	3L	21402130	21423853
CH322-137F19	CHORI-322	2R	17929376	17947189
CH322-137F20	CHORI-322	3RHet	1629644	1647455
CH322-137F21	CHORI-322	2R	12609247	12627116
CH322-137F22	CHORI-322	ArmU	26887 45460	
CH322-137F23	CHORI-322	3L	17287382	17304320
CH322-137G02	CHORI-322	2L	9111832	9132030
CH322-137G04	CHORI-322	X	5861711	5878678
CH322-137G05	CHORI-322	2L	772046	793754
CH322-137G06	CHORI-322	X	1889954	1911978
CH322-137G07	CHORI-322	2R	3797447	3820613
CH322-137G09	CHORI-322	2R	12255389	12275352
CH322-137G10	CHORI-322	3L	2714607	2735520
CH322-137G12	CHORI-322	4	1180157	1202733
CH322-137G14	CHORI-322	2R	19470269	19492598
CH322-137G15	CHORI-322	2R	5554611	5574815
CH322-137G16	CHORI-322	3R	737676	758855
CH322-137G20	CHORI-322	X	12130684	12151244
CH322-137G22	CHORI-322	X	15846638	15866451
CH322-137G23	CHORI-322	2L	12516577	12538061
CH322-137G24	CHORI-322	2R	13084843	13104643
CH322-137H01	CHORI-322	3R	15223328	15244098
CH322-137H02	CHORI-322	3L	14335699	14356069
CH322-137H03	CHORI-322	2L	12059728	12083716
CH322-137H05	CHORI-322	X	10189975	10206340
CH322-137H07	CHORI-322	2L	18109441	18129044
CH322-137H08	CHORI-322	2L	2610627	2631698
CH322-137H09	CHORI-322	X	7130048	7152161
CH322-137H11	CHORI-322	2R	475272	495232
CH322-137H12	CHORI-322	3L	21894527	21914287
CH322-137H13	CHORI-322	X	8143334	8162572
CH322-137H14	CHORI-322	2L	3981395	4002676
CH322-137H17	CHORI-322	3R	14653001	14673409
CH322-137H18	CHORI-322	3L	4914393	4934654
CH322-137H21	CHORI-322	3R	18391772	18412170
CH322-137H23	CHORI-322	3R	9958441	9978459
CH322-137I01	CHORI-322	2R	20000670	20020941
CH322-137I02	CHORI-322	3L	6375765	6396835
CH322-137I03	CHORI-322	2R	11515909	11536679
CH322-137I05	CHORI-322	X	20266067	20289154
CH322-137I07	CHORI-322	3R	17706754	17729580
CH322-137I08	CHORI-322	X	3517285	3539629
CH322-137I10	CHORI-322	3R	17260700	17281010
CH322-137I11	CHORI-322	3R	21333989	21353974
CH322-137I12	CHORI-322	2R	16988996	17007782
CH322-137I14	CHORI-322	3L	2973130	2992662
CH322-137I15	CHORI-322	2L	14784846	14804358
CH322-137I16	CHORI-322	2L	16260873	16282824
CH322-137I17	CHORI-322	3R	1066242	1088824
CH322-137I19	CHORI-322	3L	17846648	17864639

CH322-137I21	CHORI-322	XHet	43177	64314
CH322-137I22	CHORI-322	3L	11666340	11686325
CH322-137J01	CHORI-322	2L	5396466	5414730
CH322-137J02	CHORI-322	3R	27154768	27176159
CH322-137J03	CHORI-322	3L	14910301	14933282
CH322-137J05	CHORI-322	3L	20697121	20716389
CH322-137J06	CHORI-322	3L	16188939	16209370
CH322-137J07	CHORI-322	3R	19393223	19413860
CH322-137J10	CHORI-322	2R	18688242	18707162
CH322-137J11	CHORI-322	3L	8016136	8033711
CH322-137J13	CHORI-322	3R	7543799	7567613
CH322-137J16	CHORI-322	X	19437774	19462175
CH322-137J17	CHORI-322	ArmU	2221846	2242563
CH322-137J18	CHORI-322	2L	20403415	20423763
CH322-137J20	CHORI-322	3L	3872763	3891866
CH322-137J21	CHORI-322	2L	6003873	6025757
CH322-137J22	CHORI-322	X	18704502	18726778
CH322-137J23	CHORI-322	2L	20828507	20848328
CH322-137J24	CHORI-322	3L	15495985	15515282
CH322-137K01	CHORI-322	3RHet	127684	146958
CH322-137K02	CHORI-322	X	5808509	5828299
CH322-137K03	CHORI-322	3R	1621773	1644984
CH322-137K04	CHORI-322	3L	21886565	21908287
CH322-137K05	CHORI-322	3R	19208243	19227669
CH322-137K06	CHORI-322	2R	8780755	8802380
CH322-137K08	CHORI-322	2R	6578869	6597204
CH322-137K09	CHORI-322	4	1069841	1089949
CH322-137K10	CHORI-322	2L	1234901	1252527
CH322-137K13	CHORI-322	3RHet	2075979	2097950
CH322-137K15	CHORI-322	3L	5499368	5519465
CH322-137K16	CHORI-322	2L	12827527	12846268
CH322-137K17	CHORI-322	3L	2021097	2041108
CH322-137K18	CHORI-322	3L	10426972	10445359
CH322-137K19	CHORI-322	X	7037760	7058550
CH322-137K20	CHORI-322	X	20334582	20352263
CH322-137K23	CHORI-322	3L	21549560	21569825
CH322-137L02	CHORI-322	3L	6742172	6766139
CH322-137L03	CHORI-322	2L	20045367	20067686
CH322-137L04	CHORI-322	3L	9095688	9116877
CH322-137L05	CHORI-322	3R	2978057	2999143
CH322-137L06	CHORI-322	3R	22418341	22438326
CH322-137L07	CHORI-322	2L	15196393	15217780
CH322-137L08	CHORI-322	3L	20807081	20824724
CH322-137L09	CHORI-322	2R	15932060	15952906
CH322-137L10	CHORI-322	2L	21587676	21607564
CH322-137L11	CHORI-322	3R	25938467	25959082
CH322-137L12	CHORI-322	2R	2895263	2917680
CH322-137L13	CHORI-322	2L	11290530	11307537
CH322-137L15	CHORI-322	3L	5823405	5843925
CH322-137L17	CHORI-322	2R	21079563	21100538
CH322-137L18	CHORI-322	2L	13541337	13558659
CH322-137L19	CHORI-322	3R	24170721	24189427
CH322-137L21	CHORI-322	2L	13121689	13141916
CH322-137L22	CHORI-322	3R	870369	891987

CH322-137L24	CHORI-322	3L	22553839	22575600
CH322-137M02	CHORI-322	3RHet	1146877	1167376
CH322-137M03	CHORI-322	3R	15444706	15464763
CH322-137M04	CHORI-322	2R	6797640	6815473
CH322-137M06	CHORI-322	X	21364015	21383032
CH322-137M07	CHORI-322	3R	18114429	18132413
CH322-137M08	CHORI-322	3R	13864609	13883847
CH322-137M09	CHORI-322	3R	13839659	13862629
CH322-137M11	CHORI-322	3R	973985	993772
CH322-137M12	CHORI-322	2R	15204281	15224390
CH322-137M13	CHORI-322	3R	24100539	24117351
CH322-137M15	CHORI-322	3L	12222980	12246103
CH322-137M16	CHORI-322	2R	4291077	4313903
CH322-137M17	CHORI-322	X	6028246	6048811
CH322-137M18	CHORI-322	2L	12864225	12882820
CH322-137M19	CHORI-322	2L	4771633	4791869
CH322-137M20	CHORI-322	X	17853055	17870856
CH322-137M21	CHORI-322	2R	20152367	20170228
CH322-137M22	CHORI-322	3R	24212212	24231538
CH322-137M23	CHORI-322	3R	23439515	23461455
CH322-137M24	CHORI-322	X	9137978	9156310
CH322-137N01	CHORI-322	2R	2820604	2842597
CH322-137N02	CHORI-322	2R	12030986	12049939
CH322-137N03	CHORI-322	2L	1432833	1451475
CH322-137N05	CHORI-322	2R	16982831	16999790
CH322-137N06	CHORI-322	3RHet	705211	726904
CH322-137N07	CHORI-322	3L	13203637	13223034
CH322-137N08	CHORI-322	ArmU	226320	244339
CH322-137N09	CHORI-322	X	13972300	13993001
CH322-137N10	CHORI-322	2L	15896765	15916626
CH322-137N11	CHORI-322	2L	7097446	7121643
CH322-137N12	CHORI-322	3L	7276555	7295656
CH322-137N13	CHORI-322	2R	5666542	5686991
CH322-137N14	CHORI-322	X	4959088	4980280
CH322-137N15	CHORI-322	3R	25957664	25978641
CH322-137N16	CHORI-322	3R	4905969	4929514
CH322-137N17	CHORI-322	3R	7964600	7985266
CH322-137N18	CHORI-322	2L	18737226	18755998
CH322-137N19	CHORI-322	3R	19825910	19845462
CH322-137N20	CHORI-322	X	4404244	4421731
CH322-137N21	CHORI-322	2R	20939935	20959126
CH322-137N22	CHORI-322	3L	9505655	9523658
CH322-137N23	CHORI-322	4	862450	882635
CH322-137O01	CHORI-322	2L	20235781	20256997
CH322-137O02	CHORI-322	3R	24993783	25017479
CH322-137O03	CHORI-322	2R	15379224	15399179
CH322-137O05	CHORI-322	X	7856061	7875478
CH322-137O06	CHORI-322	3LHet	2189382	2211528
CH322-137O08	CHORI-322	3L	7178224	7200276
CH322-137O09	CHORI-322	3LHet	241708	263817
CH322-137O10	CHORI-322	3L	4872519	4893080
CH322-137O12	CHORI-322	2R	5202145	5226005
CH322-137O14	CHORI-322	2R	19938002	19960383
CH322-137O15	CHORI-322	2L	3126827	3146809

CH322-137O16	CHORI-322	X	2395498	2415368
CH322-137O19	CHORI-322	3R	14138073	14158634
CH322-137O20	CHORI-322	3R	21895205	21917144
CH322-137O21	CHORI-322	3L	4389424	4407821
CH322-137O22	CHORI-322	3L	16871581	16890764
CH322-137O24	CHORI-322	2R	5006561	5026445
CH322-137P01	CHORI-322	2R	18672007	18691868
CH322-137P03	CHORI-322	3L	3916766	3934079
CH322-137P04	CHORI-322	3R	22163426	22180210
CH322-137P06	CHORI-322	3R	1621117	1644641
CH322-137P08	CHORI-322	2R	15985149	16004153
CH322-137P09	CHORI-322	2L	6350993	6368692
CH322-137P12	CHORI-322	2R	20865428	20886487
CH322-137P13	CHORI-322	X	389384	409524
CH322-137P14	CHORI-322	3R	524819	545715
CH322-137P15	CHORI-322	3L	4910830	4933387
CH322-137P17	CHORI-322	3LHet	560293	581864
CH322-137P19	CHORI-322	2L	2457454	2479436
CH322-138A02	CHORI-322	3R	22646115	22670195
CH322-138A05	CHORI-322	3R	5967370	5985614
CH322-138A07	CHORI-322	2R	6551979	6572017
CH322-138A08	CHORI-322	X	10989513	11010365
CH322-138A09	CHORI-322	3R	18477299	18497584
CH322-138A11	CHORI-322	2R	2765352	2787531
CH322-138A15	CHORI-322	2L	20984426	21002360
CH322-138A16	CHORI-322	2L	12189645	12211352
CH322-138B05	CHORI-322	3R	19436463	19455024
CH322-138B06	CHORI-322	2R	20403272	20425497
CH322-138B08	CHORI-322	3L	7919258	7940757
CH322-138B09	CHORI-322	3R	22240439	22263220
CH322-138B10	CHORI-322	3L	15348309	15368289
CH322-138B11	CHORI-322	3R	1899164	1919187
CH322-138B13	CHORI-322	2R	18269753	18288177
CH322-138B14	CHORI-322	3R	20482547	20503434
CH322-138B15	CHORI-322	X	19956714	19977514
CH322-138B16	CHORI-322	2L	15330776	15350751
CH322-138B17	CHORI-322	3R	6941659	6961865
CH322-138B20	CHORI-322	3R	22789214	22809317
CH322-138C02	CHORI-322	2R	7968903	7989001
CH322-138C04	CHORI-322	2R	3598665	3619346
CH322-138C05	CHORI-322	2L	21392289	21412179
CH322-138C06	CHORI-322	2L	9664464	9685221
CH322-138C08	CHORI-322	2R	13776988	13796712
CH322-138C10	CHORI-322	3R	2669574	2690028
CH322-138C13	CHORI-322	3R	10412282	10430228
CH322-138C15	CHORI-322	2R	2610312	2631939
CH322-138C16	CHORI-322	3R	20720842	20741670
CH322-138C18	CHORI-322	3R	10027005	10044851
CH322-138C21	CHORI-322	3R	15231800	15250518
CH322-138D01	CHORI-322	2L	5968946	5988586
CH322-138D03	CHORI-322	3R	8459863	8482933
CH322-138D04	CHORI-322	3L	46904 67327	
CH322-138D05	CHORI-322	3L	1683335	1706064
CH322-138D06	CHORI-322	3R	17675918	17694936

CH322-138D07	CHORI-322	2R	15402671	15423142
CH322-138D08	CHORI-322	2R	8766661	8788078
CH322-138D09	CHORI-322	3R	13402864	13422180
CH322-138D13	CHORI-322	3R	22601239	22621685
CH322-138D14	CHORI-322	3R	4279036	4300839
CH322-138D17	CHORI-322	3R	678454	699327
CH322-138D18	CHORI-322	2R	7157871	7179288
CH322-138D20	CHORI-322	2L	17372849	17391750
CH322-138E02	CHORI-322	X	14166151	14185893
CH322-138E04	CHORI-322	2L	4123585	4143397
CH322-138E07	CHORI-322	3L	7539335	7561537
CH322-138E10	CHORI-322	2R	2091788	2111034
CH322-138E11	CHORI-322	2R	9241733	9261840
CH322-138E13	CHORI-322	2R	18702588	18723678
CH322-138E14	CHORI-322	3R	7700146	7720701
CH322-138E15	CHORI-322	X	19130635	19152258
CH322-138E16	CHORI-322	3R	18401274	18421442
CH322-138E17	CHORI-322	X	19349754	19366716
CH322-138E18	CHORI-322	X	15126485	15146811
CH322-138E20	CHORI-322	2R	1769314	1792554
CH322-138E21	CHORI-322	2L	20514317	20534070
CH322-138E22	CHORI-322	3L	13547577	13568036
CH322-138F01	CHORI-322	2R	13035494	13053972
CH322-138F02	CHORI-322	3L	8392547	8413338
CH322-138F04	CHORI-322	2R	1007714	1027749
CH322-138F07	CHORI-322	3R	23201613	23223932
CH322-138F08	CHORI-322	2L	21011413	21029957
CH322-138F09	CHORI-322	2R	20584126	20602925
CH322-138F10	CHORI-322	2R	7876546	7896107
CH322-138F11	CHORI-322	3L	11171375	11193093
CH322-138F12	CHORI-322	X	16916525	16935082
CH322-138F13	CHORI-322	X	2561366	2582710
CH322-138F14	CHORI-322	2R	5205222	5225331
CH322-138F15	CHORI-322	2L	11314157	11336481
CH322-138F16	CHORI-322	X	7879823	7900646
CH322-138F18	CHORI-322	3R	5522674	5543998
CH322-138F20	CHORI-322	2L	6935510	6959627
CH322-138F21	CHORI-322	3R	26631214	26649597
CH322-138G01	CHORI-322	2R	16044387	16065274
CH322-138G02	CHORI-322	2L	15971075	15992891
CH322-138G04	CHORI-322	3R	7720025	7740379
CH322-138G05	CHORI-322	3L	14340513	14358265
CH322-138G06	CHORI-322	2R	851595	871679
CH322-138G07	CHORI-322	2L	3136408	3156988
CH322-138G09	CHORI-322	3R	27737100	27760778
CH322-138G11	CHORI-322	2R	18551850	18571758
CH322-138G12	CHORI-322	3R	6679787	6700097
CH322-138G13	CHORI-322	3R	24896396	24916324
CH322-138G14	CHORI-322	3R	13516730	13534917
CH322-138G15	CHORI-322	2L	6345120	6366598
CH322-138G16	CHORI-322	2R	17894357	17914363
CH322-138G17	CHORI-322	2L	8418867	8439149
CH322-138G18	CHORI-322	2L	11311066	11328038
CH322-138G20	CHORI-322	3R	3121989	3142474

CH322-138G23	CHORI-322	X	6763049	6783844
CH322-138H03	CHORI-322	X	1823295	1846441
CH322-138H05	CHORI-322	2R	14185402	14204666
CH322-138H06	CHORI-322	2L	11722466	11740983
CH322-138H07	CHORI-322	3R	25344494	25362364
CH322-138H08	CHORI-322	X	18282374	18302601
CH322-138H09	CHORI-322	2RHet	701132	721731
CH322-138H11	CHORI-322	2R	19800054	19819208
CH322-138H13	CHORI-322	3R	24468757	24489243
CH322-138H14	CHORI-322	2RHet	987835	1004652
CH322-138H15	CHORI-322	3L	16846458	16866974
CH322-138H16	CHORI-322	3R	24332491	24354757
CH322-138H17	CHORI-322	3L	22473579	22493177
CH322-138H18	CHORI-322	3R	10999937	11019694
CH322-138H22	CHORI-322	3RHet	866789	887315
CH322-138I03	CHORI-322	X	17653654	17671281
CH322-138I06	CHORI-322	3L	19299171	19318997
CH322-138I07	CHORI-322	2R	14872006	14892497
CH322-138I09	CHORI-322	3L	6443658	6461557
CH322-138I11	CHORI-322	2L	16937192	16960639
CH322-138I13	CHORI-322	2R	3969600	3988956
CH322-138I14	CHORI-322	3R	1927405	1946109
CH322-138I15	CHORI-322	2R	7715880	7738101
CH322-138I16	CHORI-322	3R	22364229	22383499
CH322-138I17	CHORI-322	2R	13495918	13519493
CH322-138I18	CHORI-322	3R	17512658	17534205
CH322-138I22	CHORI-322	3R	10286427	10304941
CH322-138J01	CHORI-322	2R	19700017	19718196
CH322-138J03	CHORI-322	3R	26432685	26454016
CH322-138J05	CHORI-322	3L	22981144	23001243
CH322-138J06	CHORI-322	3L	22099692	22120718
CH322-138J07	CHORI-322	X	5479433	5497515
CH322-138J08	CHORI-322	4	451768	471398
CH322-138J09	CHORI-322	2R	12423269	12442091
CH322-138J10	CHORI-322	3R	27285584	27304085
CH322-138J11	CHORI-322	3R	20566285	20587415
CH322-138J12	CHORI-322	X	885526	907045
CH322-138J14	CHORI-322	3L	97445	117153
CH322-138J15	CHORI-322	2R	20465283	20486986
CH322-138J18	CHORI-322	3RHet	848987	872669
CH322-138J20	CHORI-322	3L	20050501	20071710
CH322-138K03	CHORI-322	3R	16231597	16253769
CH322-138K04	CHORI-322	2R	8022368	8042362
CH322-138K05	CHORI-322	2L	2330723	2350075
CH322-138K06	CHORI-322	X	17658768	17677822
CH322-138K08	CHORI-322	3L	14097572	14117356
CH322-138K10	CHORI-322	X	288986	309919
CH322-138K13	CHORI-322	2R	15411056	15433228
CH322-138K14	CHORI-322	X	12577721	12599694
CH322-138K15	CHORI-322	3R	2837636	2857531
CH322-138K16	CHORI-322	X	21292534	21312508
CH322-138K17	CHORI-322	3RHet	17598	39300
CH322-138K18	CHORI-322	2R	18513979	18534758
CH322-138K22	CHORI-322	3R	3979587	3999697

CH322-138L01	CHORI-322	2L	14742139	14766105
CH322-138L05	CHORI-322	2RHet	2800665	2820180
CH322-138L06	CHORI-322	2L	16266315	16285956
CH322-138L07	CHORI-322	3R	15780186	15798748
CH322-138L08	CHORI-322	2L	3081100	3098434
CH322-138L09	CHORI-322	2R	14979973	15001159
CH322-138L10	CHORI-322	3R	16606117	16626091
CH322-138L11	CHORI-322	3R	10185374	10205262
CH322-138L12	CHORI-322	3R	25067682	25086997
CH322-138L13	CHORI-322	3R	13679007	13701939
CH322-138L15	CHORI-322	3R	963050	983244
CH322-138L17	CHORI-322	3L	6396805	6416322
CH322-138L18	CHORI-322	X	13237578	13256517
CH322-138L19	CHORI-322	3L	10926632	10946021
CH322-138L20	CHORI-322	2L	15929270	15950227
CH322-138L21	CHORI-322	3R	4233856	4252944
CH322-138M02	CHORI-322	3R	5797113	5818270
CH322-138M03	CHORI-322	2L	10118073	10139050
CH322-138M06	CHORI-322	2R	17760465	17780604
CH322-138M08	CHORI-322	3R	4626	24156
CH322-138M09	CHORI-322	3R	27010323	27030184
CH322-138M10	CHORI-322	3R	19385350	19408247
CH322-138M11	CHORI-322	2L	19155221	19175225
CH322-138M12	CHORI-322	2L	3254387	3276468
CH322-138M13	CHORI-322	2R	9523670	9544211
CH322-138M14	CHORI-322	3R	8618299	8636246
CH322-138M15	CHORI-322	3L	3631333	3650868
CH322-138M19	CHORI-322	2L	21361523	21382223
CH322-138M20	CHORI-322	2L	12143641	12162834
CH322-138M22	CHORI-322	3R	7417956	7438206
CH322-138N01	CHORI-322	2R	4260285	4280533
CH322-138N02	CHORI-322	3R	11473487	11496490
CH322-138N03	CHORI-322	X	21233237	21253564
CH322-138N04	CHORI-322	3R	23689524	23710009
CH322-138N05	CHORI-322	3L	21138516	21158758
CH322-138N06	CHORI-322	3LHet	2017843	2038235
CH322-138N09	CHORI-322	2L	411500	432616
CH322-138N10	CHORI-322	3L	15424967	15446235
CH322-138N11	CHORI-322	2L	744343	766146
CH322-138N12	CHORI-322	3L	23687451	23709062
CH322-138N13	CHORI-322	2L	20518578	20540221
CH322-138N16	CHORI-322	ArmU	64915	86423
CH322-138N17	CHORI-322	X	3003644	3023911
CH322-138N20	CHORI-322	X	12036405	12057734
CH322-138O01	CHORI-322	4	703561	722253
CH322-138O02	CHORI-322	2L	12133432	12153598
CH322-138O03	CHORI-322	4	1068641	1088579
CH322-138O05	CHORI-322	3RHet	2074706	2096555
CH322-138O06	CHORI-322	2L	18538992	18559160
CH322-138O09	CHORI-322	2L	2269128	2286608
CH322-138O12	CHORI-322	3R	24171025	24192538
CH322-138O13	CHORI-322	3L	23171068	23190971
CH322-138O14	CHORI-322	2L	19437034	19456941
CH322-138O15	CHORI-322	3R	21187427	21208224

CH322-138P02	CHORI-322	3R	20036149	20058792
CH322-138P03	CHORI-322	3R	9384636	9401778
CH322-138P05	CHORI-322	ArmU	293548	312884
CH322-138P07	CHORI-322	3L	2406358	2426964
CH322-139A05	CHORI-322	3R	2504709	2528589
CH322-139A06	CHORI-322	3R	6006088	6025141
CH322-139A07	CHORI-322	3L	12717244	12736206
CH322-139A08	CHORI-322	3R	8413758	8435561
CH322-139A11	CHORI-322	3L	16579791	16598919
CH322-139A13	CHORI-322	3L	13291057	13310702
CH322-139A16	CHORI-322	3L	19859383	19879411
CH322-139A18	CHORI-322	2L	14383713	14405267
CH322-139A21	CHORI-322	3L	9611812	9636691
CH322-139A22	CHORI-322	3L	13996618	14016954
CH322-139A24	CHORI-322	3L	2864960	2887944
CH322-139B03	CHORI-322	X	16369043	16390541
CH322-139B05	CHORI-322	3R	18346632	18366473
CH322-139B06	CHORI-322	2L	10893720	10913149
CH322-139B08	CHORI-322	X	18425433	18446095
CH322-139B09	CHORI-322	3L	24045984	24067915
CH322-139B10	CHORI-322	X	7627834	7646270
CH322-139B12	CHORI-322	2L	9346943	9364700
CH322-139B14	CHORI-322	X	1736332	1757307
CH322-139B16	CHORI-322	3L	16747258	16766552
CH322-139B17	CHORI-322	2L	1616400	1636371
CH322-139B18	CHORI-322	2R	1404140	1422115
CH322-139B19	CHORI-322	3R	4454256	4472906
CH322-139B21	CHORI-322	X	1388128	1409068
CH322-139B22	CHORI-322	2L	15348398	15364852
CH322-139C03	CHORI-322	2R	18148469	18170870
CH322-139C04	CHORI-322	2L	1551027	1571279
CH322-139C06	CHORI-322	X	13238545	13257768
CH322-139C08	CHORI-322	3L	8139449	8158479
CH322-139C11	CHORI-322	2R	12398402	12417890
CH322-139C12	CHORI-322	2R	3218695	3237047
CH322-139C13	CHORI-322	X	16264821	16284280
CH322-139C14	CHORI-322	3R	26258456	26279117
CH322-139C15	CHORI-322	3L	1867526	1888301
CH322-139C16	CHORI-322	3R	15882349	15904064
CH322-139C17	CHORI-322	X	501397	521197
CH322-139C20	CHORI-322	3R	12698532	12720937
CH322-139C21	CHORI-322	2R	16371624	16390951
CH322-139C22	CHORI-322	3R	5912516	5932083
CH322-139C23	CHORI-322	2L	10771559	10791979
CH322-139D03	CHORI-322	3L	4828302	4846714
CH322-139D04	CHORI-322	3L	258461	278637
CH322-139D05	CHORI-322	2L	17535857	17556033
CH322-139D07	CHORI-322	2R	175837	196707
CH322-139D08	CHORI-322	3LHet	1214366	1236678
CH322-139D09	CHORI-322	2L	7890838	7912555
CH322-139D10	CHORI-322	2L	21922781	21942509
CH322-139D12	CHORI-322	4	628584	648629
CH322-139D13	CHORI-322	X	4390292	4412591
CH322-139D15	CHORI-322	2L	14489641	14513566

CH322-139D16	CHORI-322	2L	20878326	20899227
CH322-139D17	CHORI-322	2L	15130153	15152914
CH322-139D18	CHORI-322	2R	14778803	14796952
CH322-139D19	CHORI-322	X	17939612	17960665
CH322-139D20	CHORI-322	2R	15705809	15727328
CH322-139D21	CHORI-322	3L	6571724	6591237
CH322-139D22	CHORI-322	3R	13073520	13094060
CH322-139D23	CHORI-322	3R	17564868	17583153
CH322-139E04	CHORI-322	2L	19873614	19892173
CH322-139E08	CHORI-322	3R	20191085	20211964
CH322-139E09	CHORI-322	3L	22432211	22453622
CH322-139E11	CHORI-322	3L	18203567	18220886
CH322-139E12	CHORI-322	2L	5679907	5702234
CH322-139E13	CHORI-322	3L	18718765	18739123
CH322-139E14	CHORI-322	3R	13022464	13044948
CH322-139E15	CHORI-322	2L	4306249	4324973
CH322-139E16	CHORI-322	4	546930	569001
CH322-139E18	CHORI-322	X	9803488	9825809
CH322-139E20	CHORI-322	3R	2799814	2820209
CH322-139E21	CHORI-322	2L	20533601	20556646
CH322-139E23	CHORI-322	2R	5096566	5118966
CH322-139E24	CHORI-322	2L	10990175	11010898
CH322-139F02	CHORI-322	X	6294119	6316632
CH322-139F03	CHORI-322	3L	12422005	12441890
CH322-139F04	CHORI-322	X	19207918	19229973
CH322-139F05	CHORI-322	3L	22302884	22323098
CH322-139F07	CHORI-322	2L	12631893	12652178
CH322-139F08	CHORI-322	X	15480351	15502370
CH322-139F09	CHORI-322	2RHet	542069	565613
CH322-139F10	CHORI-322	X	12094399	12115437
CH322-139F11	CHORI-322	2R	11684564	11702922
CH322-139F12	CHORI-322	X	19996627	20019754
CH322-139F13	CHORI-322	2R	18558189	18579010
CH322-139F15	CHORI-322	2L	6003873	6025757
CH322-139F16	CHORI-322	2R	1598164	1621068
CH322-139F17	CHORI-322	3L	7208713	7230390
CH322-139F18	CHORI-322	2R	13704999	13724827
CH322-139F19	CHORI-322	2L	20474886	20494723
CH322-139F20	CHORI-322	2L	5567368	5589120
CH322-139F21	CHORI-322	2L	16606852	16624139
CH322-139F22	CHORI-322	2L	12570554	12587802
CH322-139F23	CHORI-322	3L	5417480	5436167
CH322-139F24	CHORI-322	3L	18536050	18556026
CH322-139G01	CHORI-322	2L	18008623	18026048
CH322-139G02	CHORI-322	3R	24214439	24235823
CH322-139G03	CHORI-322	3R	15182510	15203146
CH322-139G12	CHORI-322	3R	19169767	19191854
CH322-139G13	CHORI-322	3R	24030093	24047583
CH322-139G14	CHORI-322	2L	14961185	14982582
CH322-139G16	CHORI-322	2L	663188	683963
CH322-139G17	CHORI-322	X	16337888	16358171
CH322-139G18	CHORI-322	3R	1221626	1242473
CH322-139G19	CHORI-322	3L	19231102	19253874
CH322-139G20	CHORI-322	3L	11921788	11946208

CH322-139G21	CHORI-322	X	13779155	13801934
CH322-139G22	CHORI-322	2R	14778806	14796771
CH322-139G23	CHORI-322	3R	9817416	9837372
CH322-139H02	CHORI-322	3R	13917009	13939220
CH322-139H03	CHORI-322	2R	11521700	11541255
CH322-139H12	CHORI-322	2L	6497055	6515777
CH322-139H13	CHORI-322	3L	1692351	1711011
CH322-139H14	CHORI-322	3L	14709232	14726330
CH322-139H15	CHORI-322	3R	2456035	2475832
CH322-139H16	CHORI-322	3R	3172308	3192539
CH322-139H17	CHORI-322	X	6514571	6532998
CH322-139H18	CHORI-322	3R	2735693	2755839
CH322-139H20	CHORI-322	2L	8786696	8807493
CH322-139H21	CHORI-322	3L	16497430	16515936
CH322-139H22	CHORI-322	3L	1873626	1893854
CH322-139H23	CHORI-322	X	12927792	12947615
CH322-139H24	CHORI-322	3L	20157021	20177283
CH322-139I09	CHORI-322	3R	8923494	8943975
CH322-139I10	CHORI-322	3L	2214869	2232767
CH322-139I11	CHORI-322	3L	21143732	21167208
CH322-139I12	CHORI-322	X	11543091	11560834
CH322-139I13	CHORI-322	3L	12646616	12669579
CH322-139I14	CHORI-322	2R	5436545	5456128
CH322-139I15	CHORI-322	2L	17041433	17062159
CH322-139I17	CHORI-322	2L	9266726	9287791
CH322-139I19	CHORI-322	3R	5081228	5098884
CH322-139I21	CHORI-322	2R	16988996	17011685
CH322-139I23	CHORI-322	3L	6501212	6524348
CH322-139J02	CHORI-322	X	19707574	19727247
CH322-139J03	CHORI-322	2L	12393866	12413059
CH322-139J04	CHORI-322	2L	4909687	4931983
CH322-139J09	CHORI-322	3R	26070896	26092903
CH322-139J10	CHORI-322	2RHet	3267335	3286207
CH322-139J11	CHORI-322	2L	8624854	8642299
CH322-139J13	CHORI-322	2R	7729786	7751125
CH322-139J16	CHORI-322	3R	9506816	9528308
CH322-139J17	CHORI-322	2L	21622597	21642274
CH322-139J19	CHORI-322	2L	9848309	9870776
CH322-139J20	CHORI-322	3L	11843898	11863858
CH322-139J21	CHORI-322	2L	15729645	15753660
CH322-139J23	CHORI-322	3L	7201606	7221438
CH322-139J24	CHORI-322	3R	14020970	14042674
CH322-139K02	CHORI-322	4	674070	694957
CH322-139K03	CHORI-322	3L	19465388	19487003
CH322-139K04	CHORI-322	X	9328257	9348732
CH322-139K09	CHORI-322	2L	20946056	20965551
CH322-139K10	CHORI-322	2R	9304363	9326729
CH322-139K13	CHORI-322	3R	4933296	4952495
CH322-139K14	CHORI-322	X	9970634	9990139
CH322-139K15	CHORI-322	3R	11484796	11503050
CH322-139K16	CHORI-322	3L	22654495	22675541
CH322-139K18	CHORI-322	X	9885105	9906218
CH322-139K19	CHORI-322	X	3322537	3342800
CH322-139K20	CHORI-322	3L	22699918	22719827

CH322-139K21	CHORI-322	X	18103714	18125430
CH322-139K23	CHORI-322	2R	7871639	7891009
CH322-139K24	CHORI-322	2L	891896	915084
CH322-139L03	CHORI-322	X	19966674	19986170
CH322-139L04	CHORI-322	2L	14023033	14043822
CH322-139L09	CHORI-322	2R	18326321	18344250
CH322-139L10	CHORI-322	2L	7648757	7666947
CH322-139L11	CHORI-322	X	18051787	18073066
CH322-139L12	CHORI-322	3R	1510977	1534656
CH322-139L14	CHORI-322	3R	15806946	15827243
CH322-139L15	CHORI-322	3R	19485250	19503376
CH322-139L16	CHORI-322	3L	11103548	11124063
CH322-139L18	CHORI-322	3L	22412933	22437223
CH322-139L19	CHORI-322	2R	2797976	2818043
CH322-139L20	CHORI-322	2L	1263573	1285508
CH322-139L21	CHORI-322	3R	27459209	27477824
CH322-139L23	CHORI-322	2L	5392977	5409919
CH322-139L24	CHORI-322	3L	13202235	13221455
CH322-139M03	CHORI-322	3R	20708562	20729539
CH322-139M04	CHORI-322	X	7108184	7126567
CH322-139M09	CHORI-322	2RHet	7441	28017
CH322-139M11	CHORI-322	3R	2755836	2777732
CH322-139M13	CHORI-322	3R	24597900	24615870
CH322-139M14	CHORI-322	2R	4734340	4754803
CH322-139M15	CHORI-322	2R	20184201	20201898
CH322-139M16	CHORI-322	2R	16011112	16031891
CH322-139M23	CHORI-322	2L	20568957	20589597
CH322-139M24	CHORI-322	X	8812868	8830660
CH322-139N03	CHORI-322	2R	4988281	5010499
CH322-139N09	CHORI-322	2R	19027846	19047540
CH322-139N10	CHORI-322	X	6060867	6081941
CH322-139N11	CHORI-322	3R	11582263	11601777
CH322-139N12	CHORI-322	2R	14445904	14465732
CH322-139N14	CHORI-322	3L	8716126	8737426
CH322-139N17	CHORI-322	3L	3962537	3980224
CH322-139N19	CHORI-322	2L	6301454	6323633
CH322-139N20	CHORI-322	2R	3280153	3299926
CH322-139O03	CHORI-322	3L	18386346	18403836
CH322-139O05	CHORI-322	3L	9316748	9334846
CH322-139O07	CHORI-322	3R	25434348	25456830
CH322-139O09	CHORI-322	2R	15674292	15695227
CH322-139O10	CHORI-322	3L	6841778	6858306
CH322-139O11	CHORI-322	2R	2887057	2906603
CH322-139O12	CHORI-322	3R	7431734	7448655
CH322-139O13	CHORI-322	2R	12649863	12670113
CH322-139O14	CHORI-322	X	6596521	6616590
CH322-139O17	CHORI-322	2L	14184546	14203481
CH322-139O19	CHORI-322	2R	16928912	16952179
CH322-139O20	CHORI-322	3L	17468770	17490209
CH322-139O24	CHORI-322	X	990804	1012723
CH322-139P04	CHORI-322	2L	18694411	18712251
CH322-139P09	CHORI-322	3L	852114	873460
CH322-139P11	CHORI-322	3R	3876463	3896516
CH322-139P12	CHORI-322	X	15992418	16013752

CH322-139P13	CHORI-322	3R	23271851	23288468
CH322-139P14	CHORI-322	X	14847046	14864934
CH322-139P15	CHORI-322	X	1596750	1614401
CH322-139P16	CHORI-322	3R	1886962	1908766
CH322-139P17	CHORI-322	2L	22691549	22711335
CH322-139P18	CHORI-322	3R	13374169	13393198
CH322-139P19	CHORI-322	X	17863541	17883429
CH322-139P20	CHORI-322	3L	10624026	10646637
CH322-139P21	CHORI-322	3R	26890969	26911320
CH322-139P22	CHORI-322	3R	9984393	10003849
CH322-139P23	CHORI-322	3L	20132319	20152214
CH322-13A04	CHORI-322	2L	19481342	19503315
CH322-13A05	CHORI-322	2L	2621737	2647581
CH322-13A10	CHORI-322	3L	8696064	8718739
CH322-13A14	CHORI-322	2L	6559457	6582694
CH322-13A15	CHORI-322	2L	7933145	7955669
CH322-13A19	CHORI-322	X	7763616	7787366
CH322-13A20	CHORI-322	3R	15724089	15746581
CH322-13A21	CHORI-322	3L	12369661	12390926
CH322-13A22	CHORI-322	X	10316403	10338977
CH322-13A24	CHORI-322	2R	15511517	15534029
CH322-13B02	CHORI-322	2L	2419101	2444053
CH322-13B04	CHORI-322	XHet	136081	156119
CH322-13B05	CHORI-322	X	9660470	9682685
CH322-13B07	CHORI-322	2L	17256291	17278515
CH322-13B08	CHORI-322	2L	12798794	12820019
CH322-13B12	CHORI-322	3R	21164287	21184481
CH322-13B13	CHORI-322	3R	14315076	14337832
CH322-13B18	CHORI-322	2R	16952098	16974919
CH322-13B21	CHORI-322	3R	13063578	13086036
CH322-13B22	CHORI-322	3L	18716654	18737836
CH322-13B23	CHORI-322	2L	5892790	5913563
CH322-13C03	CHORI-322	2R	18288909	18309554
CH322-13C04	CHORI-322	2L	2328733	2348552
CH322-13C05	CHORI-322	2L	528320	551259
CH322-13C08	CHORI-322	X	146529	166869
CH322-13C09	CHORI-322	X	8420915	8442161
CH322-13C11	CHORI-322	3L	3783159	3803440
CH322-13C14	CHORI-322	3L	19220278	19241856
CH322-13C16	CHORI-322	3R	9203176	9226756
CH322-13C21	CHORI-322	3L	20337043	20357459
CH322-13C23	CHORI-322	3L	19601004	19620692
CH322-13C24	CHORI-322	2L	3744079	3768217
CH322-13D03	CHORI-322	2L	17061744	17082393
CH322-13D04	CHORI-322	3R	23958350	23982413
CH322-13D05	CHORI-322	3L	12082805	12103962
CH322-13D07	CHORI-322	4	862230	881464
CH322-13D09	CHORI-322	X	344995	364909
CH322-13D10	CHORI-322	2L	7791408	7814319
CH322-13D12	CHORI-322	3R	9463194	9482953
CH322-13D14	CHORI-322	2L	6306000	6326820
CH322-13D16	CHORI-322	3R	2428355	2452725
CH322-13D20	CHORI-322	2L	20835389	20857558
CH322-13D22	CHORI-322	2L	1985476	2008228

CH322-13D24	CHORI-322	3R	21853073	21877143
CH322-13E02	CHORI-322	2L	2146427	2167115
CH322-13E03	CHORI-322	X	3264727	3286925
CH322-13E04	CHORI-322	3R	22511157	22530997
CH322-13E17	CHORI-322	3L	19671947	19694980
CH322-13E19	CHORI-322	2L	15475073	15499882
CH322-13E21	CHORI-322	3R	26431013	26449922
CH322-13E22	CHORI-322	3R	10543780	10568686
CH322-13E23	CHORI-322	2L	7270946	7295979
CH322-13F01	CHORI-322	2L	3363198	3382725
CH322-13F04	CHORI-322	X	3279060	3299833
CH322-13F07	CHORI-322	3R	13789483	13810964
CH322-13F10	CHORI-322	3R	5346178	5367330
CH322-13F12	CHORI-322	2R	5986761	6007046
CH322-13F18	CHORI-322	2R	20319784	20343503
CH322-13G03	CHORI-322	3L	15894260	15915777
CH322-13G05	CHORI-322	X	20632422	20657209
CH322-13G07	CHORI-322	3R	9151110	9175436
CH322-13G11	CHORI-322	2R	4483092	4505945
CH322-13G12	CHORI-322	3L	8808302	8828529
CH322-13G13	CHORI-322	3L	21092806	21112812
CH322-13G15	CHORI-322	3R	6300205	6319716
CH322-13G17	CHORI-322	2R	12166207	12186514
CH322-13G22	CHORI-322	3R	685819	705933
CH322-13H01	CHORI-322	2L	18830150	18852682
CH322-13H02	CHORI-322	3L	11918837	11940813
CH322-13H03	CHORI-322	2L	3102068	3124401
CH322-13H07	CHORI-322	2R	13259599	13279852
CH322-13H21	CHORI-322	3R	11306499	11329853
CH322-13I15	CHORI-322	X	12693795	12714281
CH322-13I17	CHORI-322	X	8118878	8140718
CH322-13J03	CHORI-322	2L	9537907	9562439
CH322-13J07	CHORI-322	2L	14182907	14202373
CH322-13J13	CHORI-322	2R	13347023	13368337
CH322-13J22	CHORI-322	X	9280914	9304156
CH322-13J24	CHORI-322	2R	10460348	10479881
CH322-13K03	CHORI-322	X	6676077	6698934
CH322-13K04	CHORI-322	X	8944295	8964243
CH322-13K05	CHORI-322	2L	16955958	16977587
CH322-13K06	CHORI-322	3R	19591289	19612759
CH322-13K13	CHORI-322	3R	970482	991147
CH322-13K14	CHORI-322	2R	11986926	12008147
CH322-13K15	CHORI-322	3R	12653757	12672502
CH322-13K21	CHORI-322	3L	8720004	8744448
CH322-13L01	CHORI-322	3R	18857360	18879434
CH322-13L02	CHORI-322	3R	22251013	22274741
CH322-13L03	CHORI-322	3R	6679438	6703193
CH322-13L14	CHORI-322	3R	16440891	16462447
CH322-13L15	CHORI-322	3R	996621	1021283
CH322-13L23	CHORI-322	3L	20839943	20863292
CH322-13M02	CHORI-322	X	21975680	21995278
CH322-13M04	CHORI-322	3R	9018057	9039573
CH322-13M09	CHORI-322	3L	8155672	8177128
CH322-13M11	CHORI-322	2L	4236106	4256210

CH322-13M17	CHORI-322	3L	20013196	20035788
CH322-13M18	CHORI-322	X	20897909	20921321
CH322-13M22	CHORI-322	X	9112540	9133489
CH322-13N01	CHORI-322	2L	2619502	2641554
CH322-13N04	CHORI-322	3L	9279457	9301404
CH322-13N06	CHORI-322	3L	12780808	12802268
CH322-13N11	CHORI-322	3R	9691740	9713663
CH322-13N13	CHORI-322	X	19071321	19092346
CH322-13N14	CHORI-322	2R	13271673	13294943
CH322-13N17	CHORI-322	3R	1628917	1652382
CH322-13N19	CHORI-322	3L	10984511	11005887
CH322-13N23	CHORI-322	2R	19897554	19917896
CH322-13N24	CHORI-322	4	569742	593529
CH322-13O01	CHORI-322	2RHet	918990	939249
CH322-13O03	CHORI-322	3R	9906052	9927509
CH322-13O04	CHORI-322	2R	13689322	13709531
CH322-13O06	CHORI-322	X	7571886	7593570
CH322-13O08	CHORI-322	2R	18873592	18893747
CH322-13O10	CHORI-322	3LHet	227824	246906
CH322-13O11	CHORI-322	3R	7970259	7993250
CH322-13O12	CHORI-322	X	8953354	8973573
CH322-13O13	CHORI-322	X	14521740	14543112
CH322-13O16	CHORI-322	2L	13863666	13885604
CH322-13O18	CHORI-322	3L	2602649	2623120
CH322-13O19	CHORI-322	2R	5707066	5729154
CH322-13O20	CHORI-322	3L	10081129	10100988
CH322-13P03	CHORI-322	2L	7184716	7206725
CH322-13P04	CHORI-322	3L	1096658	1117922
CH322-13P06	CHORI-322	3L	10325098	10345286
CH322-13P09	CHORI-322	3L	18874070	18893026
CH322-13P18	CHORI-322	2R	17719821	17742844
CH322-13P19	CHORI-322	3R	15605817	15628758
CH322-13P22	CHORI-322	3R	1281697	1303794
CH322-140A01	CHORI-322	3L	11342063	11361400
CH322-140A02	CHORI-322	3L	5258566	5280305
CH322-140A03	CHORI-322	2L	14117526	14137072
CH322-140A05	CHORI-322	2L	4776150	4796923
CH322-140A07	CHORI-322	3L	15154344	15173111
CH322-140A08	CHORI-322	3R	15574813	15594944
CH322-140A09	CHORI-322	3R	12786837	12806745
CH322-140A11	CHORI-322	2L	18012481	18035174
CH322-140A12	CHORI-322	3R	18270330	18293284
CH322-140A13	CHORI-322	3R	13774726	13796222
CH322-140A14	CHORI-322	3R	7907199	7927242
CH322-140A15	CHORI-322	3R	3039820	3061547
CH322-140A16	CHORI-322	3R	16707039	16725895
CH322-140A17	CHORI-322	3R	7651790	7671913
CH322-140A18	CHORI-322	2L	11776813	11796342
CH322-140A19	CHORI-322	3R	1110352	1129554
CH322-140A20	CHORI-322	2L	13107401	13125210
CH322-140A21	CHORI-322	3L	18501444	18520160
CH322-140A22	CHORI-322	2R	15768191	15785853
CH322-140A24	CHORI-322	3L	17657130	17675754
CH322-140B01	CHORI-322	2L	14029606	14047218

CH322-140B03	CHORI-322	3R	7087793	7109175
CH322-140B04	CHORI-322	2R	4386732	4406683
CH322-140B05	CHORI-322	3L	11521490	11539826
CH322-140B06	CHORI-322	3R	20933121	20952508
CH322-140B07	CHORI-322	2R	20754608	20774362
CH322-140B08	CHORI-322	3R	24195106	24212460
CH322-140B09	CHORI-322	3L	5988019	6008334
CH322-140B10	CHORI-322	2R	18289246	18311335
CH322-140B11	CHORI-322	2R	9928654	9949286
CH322-140B12	CHORI-322	2R	764726	782275
CH322-140B13	CHORI-322	3R	16076539	16097986
CH322-140B14	CHORI-322	2R	431392	451174
CH322-140B15	CHORI-322	2L	10548299	10569428
CH322-140B16	CHORI-322	2RHet	635820	655924
CH322-140B17	CHORI-322	2R	15705791	15729046
CH322-140B18	CHORI-322	2R	15291724	15311132
CH322-140B19	CHORI-322	3L	16343923	16365047
CH322-140B22	CHORI-322	3R	7002004	7021923
CH322-140B24	CHORI-322	X	14382550	14401807
CH322-140C01	CHORI-322	X	19370757	19389622
CH322-140C02	CHORI-322	2L	16080067	16101639
CH322-140C03	CHORI-322	3R	13837039	13857308
CH322-140C04	CHORI-322	2RHet	2378188	2398713
CH322-140C05	CHORI-322	2R	17715722	17736428
CH322-140C06	CHORI-322	2L	16053211	16074480
CH322-140C08	CHORI-322	2R	12039845	12063203
CH322-140C09	CHORI-322	2R	9558198	9580777
CH322-140C10	CHORI-322	2L	14823686	14843037
CH322-140C11	CHORI-322	2L	2327103	2347586
CH322-140C12	CHORI-322	X	21270955	21292495
CH322-140C13	CHORI-322	2R	17411236	17432169
CH322-140C14	CHORI-322	2R	10460022	10480837
CH322-140C15	CHORI-322	3R	12076859	12094003
CH322-140C16	CHORI-322	3R	17629975	17650779
CH322-140C17	CHORI-322	3R	15549934	15573148
CH322-140C18	CHORI-322	3L	278634	300357
CH322-140C19	CHORI-322	3R	26070834	26092903
CH322-140C20	CHORI-322	X	2186546	2205886
CH322-140C21	CHORI-322	2L	22140482	22160508
CH322-140C22	CHORI-322	2R	887164	908989
CH322-140C23	CHORI-322	2L	17813189	17832142
CH322-140C24	CHORI-322	3L	9030458	9050683
CH322-140D01	CHORI-322	3R	16663492	16687502
CH322-140D02	CHORI-322	3R	7265798	7286252
CH322-140D03	CHORI-322	3L	11261778	11280944
CH322-140D05	CHORI-322	2L	14557327	14578138
CH322-140D06	CHORI-322	3L	19889619	19910120
CH322-140D07	CHORI-322	2R	6858963	6881673
CH322-140D08	CHORI-322	2R	19085161	19106456
CH322-140D09	CHORI-322	2L	8428817	8451849
CH322-140D12	CHORI-322	3R	22058244	22078972
CH322-140D16	CHORI-322	3R	8585262	8605132
CH322-140D18	CHORI-322	2R	10002739	10023406
CH322-140D19	CHORI-322	3R	6622757	6642185

CH322-140D20	CHORI-322	3L	11337386	11357859
CH322-140D21	CHORI-322	3L	15698179	15717380
CH322-140D22	CHORI-322	3L	15768212	15787793
CH322-140D23	CHORI-322	3L	16254594	16273641
CH322-140D24	CHORI-322	3L	12320098	12340721
CH322-140E01	CHORI-322	2L	623027	643343
CH322-140E02	CHORI-322	2R	8936779	8955328
CH322-140E03	CHORI-322	X	9308251	9330348
CH322-140E04	CHORI-322	2R	9221671	9240731
CH322-140E06	CHORI-322	3L	22505029	22526331
CH322-140E07	CHORI-322	3RHet	1164729	1185233
CH322-140E09	CHORI-322	2L	12288952	12309477
CH322-140E10	CHORI-322	X	9403950	9421570
CH322-140E11	CHORI-322	2L	4786849	4807081
CH322-140E13	CHORI-322	3R	10237946	10256069
CH322-140E16	CHORI-322	3R	27144205	27165938
CH322-140E18	CHORI-322	2L	6425996	6445990
CH322-140E21	CHORI-322	2R	16584080	16604178
CH322-140E22	CHORI-322	3R	5109466	5129130
CH322-140E23	CHORI-322	X	17282127	17302506
CH322-140F01	CHORI-322	X	12148019	12168885
CH322-140F03	CHORI-322	ArmU	517690	538812
CH322-140F04	CHORI-322	2R	6026192	6045150
CH322-140F05	CHORI-322	3R	19431604	19452767
CH322-140F06	CHORI-322	2R	16462052	16481304
CH322-140F07	CHORI-322	3L	16966116	16989934
CH322-140F08	CHORI-322	2L	19780196	19800053
CH322-140F09	CHORI-322	3R	26475552	26497482
CH322-140F10	CHORI-322	2L	21840361	21863688
CH322-140F12	CHORI-322	2L	6672477	6694156
CH322-140F13	CHORI-322	3L	652205	676362
CH322-140F14	CHORI-322	3R	17103078	17124277
CH322-140F15	CHORI-322	3L	3938968	3960265
CH322-140F16	CHORI-322	3L	5187792	5209951
CH322-140F17	CHORI-322	X	12909294	12929490
CH322-140F18	CHORI-322	2L	13348217	13369547
CH322-140F19	CHORI-322	3L	1984869	2005316
CH322-140F20	CHORI-322	2R	3987197	4007885
CH322-140F21	CHORI-322	3L	646514	668129
CH322-140F22	CHORI-322	X	3801302	3823960
CH322-140F24	CHORI-322	3R	27334458	27354496
CH322-140G01	CHORI-322	3L	15081381	15102649
CH322-140G02	CHORI-322	2R	8829084	8851996
CH322-140G03	CHORI-322	2R	6550266	6573424
CH322-140G04	CHORI-322	3R	25993235	26013864
CH322-140G05	CHORI-322	2R	7390734	7413251
CH322-140G06	CHORI-322	3R	21333212	21353025
CH322-140G07	CHORI-322	2R	5784131	5807041
CH322-140G09	CHORI-322	2R	11635526	11654628
CH322-140G13	CHORI-322	2R	6451558	6469747
CH322-140G15	CHORI-322	3L	17622048	17642827
CH322-140G16	CHORI-322	2R	5985495	6008061
CH322-140G17	CHORI-322	3R	7087788	7109175
CH322-140G18	CHORI-322	X	4823098	4842407

CH322-140G20	CHORI-322	3RHet	274766	297336
CH322-140G21	CHORI-322	3R	5462453	5482429
CH322-140G22	CHORI-322	2R	7335091	7356438
CH322-140G23	CHORI-322	3R	12106518	12129112
CH322-140G24	CHORI-322	3L	8057029	8073847
CH322-140H01	CHORI-322	2R	13944626	13966909
CH322-140H02	CHORI-322	2R	8209836	8233220
CH322-140H03	CHORI-322	2R	12856288	12876336
CH322-140H04	CHORI-322	3L	18618686	18638334
CH322-140H05	CHORI-322	2L	20105928	20126871
CH322-140H06	CHORI-322	X	4491345	4513196
CH322-140H07	CHORI-322	X	14701079	14721466
CH322-140H09	CHORI-322	2L	6267254	6288366
CH322-140H11	CHORI-322	2R	9246148	9265994
CH322-140H12	CHORI-322	2R	8318425	8340938
CH322-140H13	CHORI-322	3R	4276538	4297516
CH322-140H14	CHORI-322	3L	6545148	6565727
CH322-140H15	CHORI-322	3L	9037468	9054402
CH322-140H17	CHORI-322	2L	20245771	20265478
CH322-140H18	CHORI-322	2R	16378383	16400434
CH322-140H19	CHORI-322	3R	4294506	4316765
CH322-140H21	CHORI-322	2L	10679007	10700017
CH322-140H22	CHORI-322	3R	16155374	16177299
CH322-140H23	CHORI-322	2R	4547642	4566102
CH322-140H24	CHORI-322	2R	16006061	16027094
CH322-140I01	CHORI-322	3R	20807965	20829802
CH322-140I02	CHORI-322	2R	10217331	10239096
CH322-140I03	CHORI-322	3L	1379840	1399301
CH322-140I04	CHORI-322	2R	15808313	15827330
CH322-140I05	CHORI-322	2R	7732119	7749933
CH322-140I06	CHORI-322	2R	14154622	14173083
CH322-140I08	CHORI-322	2L	553955	576140
CH322-140I09	CHORI-322	X	9263986	9284258
CH322-140I10	CHORI-322	3R	10733730	10757197
CH322-140I11	CHORI-322	3R	18612772	18634168
CH322-140I12	CHORI-322	2L	4744164	4763319
CH322-140I13	CHORI-322	2R	8845967	8866248
CH322-140I14	CHORI-322	2L	11406447	11424509
CH322-140I15	CHORI-322	3R	15306216	15324907
CH322-140I17	CHORI-322	3L	23778223	23797887
CH322-140I18	CHORI-322	3L	1291422	1311641
CH322-140I19	CHORI-322	3R	9993888	10012969
CH322-140I20	CHORI-322	3L	19961036	19982236
CH322-140I21	CHORI-322	X	2041352	2062960
CH322-140I23	CHORI-322	3L	1617000	1636435
CH322-140J02	CHORI-322	3R	15759723	15780194
CH322-140J03	CHORI-322	X	14616305	14635475
CH322-140J04	CHORI-322	2L	12305555	12325515
CH322-140J05	CHORI-322	3L	22017523	22039230
CH322-140J06	CHORI-322	3L	4839768	4860378
CH322-140J07	CHORI-322	2R	6438374	6457997
CH322-140J08	CHORI-322	3R	25686123	25705362
CH322-140J10	CHORI-322	3R	21605834	21624289
CH322-140J11	CHORI-322	3L	11724891	11745352

CH322-140J12	CHORI-322	2L	11744782	11765960
CH322-140J14	CHORI-322	3L	20806715	20826196
CH322-140J16	CHORI-322	X	14547031	14570940
CH322-140J19	CHORI-322	3R	9405214	9422426
CH322-140J21	CHORI-322	X	18223242	18246208
CH322-140J22	CHORI-322	3R	26964271	26981565
CH322-140J23	CHORI-322	2L	18988651	19007513
CH322-140K01	CHORI-322	3L	13548967	13570557
CH322-140K02	CHORI-322	2R	16464229	16486503
CH322-140K03	CHORI-322	2R	11954915	11976503
CH322-140K04	CHORI-322	3R	23650393	23672577
CH322-140K05	CHORI-322	2L	1370852	1391487
CH322-140K07	CHORI-322	X	7888220	7909484
CH322-140K08	CHORI-322	3L	5373060	5394683
CH322-140K10	CHORI-322	2R	6526465	6547047
CH322-140K13	CHORI-322	X	7595973	7616075
CH322-140K14	CHORI-322	2R	16610413	16630467
CH322-140K15	CHORI-322	3L	3290480	3310607
CH322-140K16	CHORI-322	2L	21925173	21946425
CH322-140K17	CHORI-322	2R	14692247	14712862
CH322-140K18	CHORI-322	2L	18920592	18942322
CH322-140K19	CHORI-322	3L	2688162	2708345
CH322-140K20	CHORI-322	3L	22271925	22293999
CH322-140K21	CHORI-322	3L	531335	552318
CH322-140K22	CHORI-322	3R	24886425	24909041
CH322-140K23	CHORI-322	3L	7355032	7377858
CH322-140L02	CHORI-322	3R	18075671	18094903
CH322-140L03	CHORI-322	3L	20920276	20942448
CH322-140L04	CHORI-322	2RHet	2385093	2407258
CH322-140L05	CHORI-322	3L	14875504	14897779
CH322-140L07	CHORI-322	3L	8593417	8615357
CH322-140L08	CHORI-322	2L	7187379	7206623
CH322-140L10	CHORI-322	X	22102204	22122149
CH322-140L11	CHORI-322	3R	2454582	2473053
CH322-140L12	CHORI-322	X	11048092	11067666
CH322-140L14	CHORI-322	2R	17786701	17807000
CH322-140L16	CHORI-322	3R	3901910	3924635
CH322-140L17	CHORI-322	3L	10143250	10162079
CH322-140L18	CHORI-322	2L	8079797	8102485
CH322-140L19	CHORI-322	X	17408414	17425752
CH322-140L20	CHORI-322	2R	16882634	16900616
CH322-140L21	CHORI-322	2L	16087833	16108484
CH322-140L22	CHORI-322	X	16564624	16584781
CH322-140L23	CHORI-322	2L	11675978	11695777
CH322-140L24	CHORI-322	3L	5957740	5977101
CH322-140M01	CHORI-322	3R	15877423	15896456
CH322-140M02	CHORI-322	2RHet	1574127	1594810
CH322-140M04	CHORI-322	2L	19034090	19056632
CH322-140M05	CHORI-322	3L	5207719	5228924
CH322-140M06	CHORI-322	2R	18497047	18519110
CH322-140M07	CHORI-322	2L	1852936	1876461
CH322-140M08	CHORI-322	3R	10744813	10765009
CH322-140M09	CHORI-322	X	17448703	17471233
CH322-140M10	CHORI-322	2L	8745695	8766276

CH322-140M11	CHORI-322	2R	15772645	15794397
CH322-140M12	CHORI-322	3R	330822	350842
CH322-140M13	CHORI-322	3R	2135362	2155274
CH322-140M14	CHORI-322	2L	8536750	8556326
CH322-140M15	CHORI-322	2R	10384089	10402405
CH322-140M17	CHORI-322	X	13786078	13806019
CH322-140M18	CHORI-322	2R	5090729	5111464
CH322-140M19	CHORI-322	3R	6726519	6747244
CH322-140M20	CHORI-322	2L	2605050	2625394
CH322-140M21	CHORI-322	2R	17761664	17780604
CH322-140M22	CHORI-322	3L	21192490	21210990
CH322-140M23	CHORI-322	3R	11740540	11757951
CH322-140N01	CHORI-322	2L	4425537	4447762
CH322-140N02	CHORI-322	2R	16606879	16630263
CH322-140N04	CHORI-322	3R	21752368	21773513
CH322-140N05	CHORI-322	2L	1858094	1880364
CH322-140N06	CHORI-322	3L	22935955	22959221
CH322-140N08	CHORI-322	2RHet	2877569	2897733
CH322-140N09	CHORI-322	2L	20336411	20357492
CH322-140N10	CHORI-322	3L	8372279	8393271
CH322-140N12	CHORI-322	2L	2948442	2968710
CH322-140N13	CHORI-322	2R	6576216	6594639
CH322-140N14	CHORI-322	3R	8341590	8363548
CH322-140N15	CHORI-322	X	3657583	3677973
CH322-140N16	CHORI-322	2L	3937283	3956513
CH322-140N19	CHORI-322	2R	13707037	13729109
CH322-140N20	CHORI-322	3L	19364238	19381832
CH322-140N21	CHORI-322	X	16912833	16934879
CH322-140N22	CHORI-322	3R	9073690	9097945
CH322-140N24	CHORI-322	2L	20303512	20323778
CH322-140O02	CHORI-322	3L	712891	733192
CH322-140O03	CHORI-322	X	10672883	10693262
CH322-140O04	CHORI-322	3R	7901651	7923646
CH322-140O05	CHORI-322	3R	9395686	9414031
CH322-140O06	CHORI-322	3R	23240415	23261115
CH322-140O10	CHORI-322	2R	18725282	18743734
CH322-140O11	CHORI-322	3R	14688179	14706270
CH322-140O12	CHORI-322	2L	7242255	7263531
CH322-140O13	CHORI-322	3L	1063835	1086440
CH322-140O14	CHORI-322	2L	589824	609060
CH322-140O15	CHORI-322	2L	13810949	13831026
CH322-140O17	CHORI-322	X	22162184	22182487
CH322-140O18	CHORI-322	4	757011	776438
CH322-140O19	CHORI-322	X	20855790	20873564
CH322-140O20	CHORI-322	3R	18584834	18605724
CH322-140O21	CHORI-322	X	16620482	16641977
CH322-140O24	CHORI-322	X	18463966	18486050
CH322-140P01	CHORI-322	3L	16576673	16597272
CH322-140P02	CHORI-322	2R	14983426	15005792
CH322-140P03	CHORI-322	2L	8989403	9013854
CH322-140P04	CHORI-322	3R	267364	288153
CH322-140P05	CHORI-322	3R	26452387	26472606
CH322-140P06	CHORI-322	2L	2646944	2665779
CH322-140P09	CHORI-322	3L	1988129	2006262

CH322-140P10	CHORI-322	3R	9556128	9577895
CH322-140P11	CHORI-322	3R	24366704	24387999
CH322-140P12	CHORI-322	3L	22796069	22816949
CH322-140P13	CHORI-322	3R	10432193	10449345
CH322-140P14	CHORI-322	2R	16711477	16733827
CH322-140P15	CHORI-322	2R	12770516	12791775
CH322-140P16	CHORI-322	X	19778670	19800913
CH322-140P19	CHORI-322	2L	4964506	4983951
CH322-140P20	CHORI-322	3R	3077307	3100705
CH322-140P22	CHORI-322	2L	19673753	19694036
CH322-140P23	CHORI-322	3R	21216619	21237574
CH322-141A01	CHORI-322	3L	7418963	7441667
CH322-141A03	CHORI-322	3R	3966231	3985846
CH322-141A05	CHORI-322	2RHet	1716937	1740459
CH322-141A06	CHORI-322	3L	19361617	19381850
CH322-141A07	CHORI-322	3R	8181289	8201533
CH322-141A08	CHORI-322	2R	11135330	11154983
CH322-141A09	CHORI-322	2R	14163029	14184082
CH322-141A10	CHORI-322	2L	18612785	18632998
CH322-141A11	CHORI-322	3L	16620055	16639700
CH322-141A12	CHORI-322	3R	6188621	6205934
CH322-141A13	CHORI-322	3R	7935773	7953796
CH322-141A14	CHORI-322	2R	1674574	1697490
CH322-141A15	CHORI-322	2L	22914561	22934934
CH322-141A16	CHORI-322	2L	17596698	17618929
CH322-141A19	CHORI-322	X	6682422	6703584
CH322-141A20	CHORI-322	3R	2977400	3000966
CH322-141A21	CHORI-322	2L	6270848	6290129
CH322-141A23	CHORI-322	2L	16333616	16355018
CH322-141A24	CHORI-322	3R	18763500	18782971
CH322-141B01	CHORI-322	2R	12363571	12384504
CH322-141B03	CHORI-322	2R	832840	851577
CH322-141B04	CHORI-322	2L	13634470	13655480
CH322-141B05	CHORI-322	3L	5315034	5336385
CH322-141B06	CHORI-322	2L	19602852	19622913
CH322-141B09	CHORI-322	3R	3849300	3870022
CH322-141B11	CHORI-322	2L	13999052	14018545
CH322-141B12	CHORI-322	2R	18149238	18171575
CH322-141B13	CHORI-322	2L	18410418	18431215
CH322-141B15	CHORI-322	2R	18692570	18713016
CH322-141B18	CHORI-322	2R	2770083	2790506
CH322-141B19	CHORI-322	3R	17123629	17145438
CH322-141B20	CHORI-322	3L	22374880	22397074
CH322-141B23	CHORI-322	3R	19829635	19848961
CH322-141B24	CHORI-322	3LHet	465780	483210
CH322-141C01	CHORI-322	3L	6032762	6054182
CH322-141C03	CHORI-322	2R	3849769	3870889
CH322-141C04	CHORI-322	2R	15089899	15108384
CH322-141C08	CHORI-322	2R	11784083	11802644
CH322-141C09	CHORI-322	3L	1156400	1174437
CH322-141C10	CHORI-322	2RHet	1677559	1695230
CH322-141C12	CHORI-322	2R	19098253	19117067
CH322-141C14	CHORI-322	3L	9800928	9822253
CH322-141C15	CHORI-322	2R	16339413	16359686

CH322-141C17	CHORI-322	2L	50007 69243	
CH322-141C18	CHORI-322	3L	11747719	11766978
CH322-141C21	CHORI-322	3R	54925 75427	
CH322-141C22	CHORI-322	2R	15063912	15083697
CH322-141C23	CHORI-322	3LHet	374023	396743
CH322-141C24	CHORI-322	3L	4162363	4186447
CH322-141D01	CHORI-322	3L	17040854	17061132
CH322-141D02	CHORI-322	3L	18677089	18694424
CH322-141D03	CHORI-322	2R	13978589	14001254
CH322-141D04	CHORI-322	2R	4615632	4635116
CH322-141D07	CHORI-322	3L	13024803	13046048
CH322-141D08	CHORI-322	3L	15273972	15291403
CH322-141D09	CHORI-322	X	4092278	4115842
CH322-141D10	CHORI-322	3R	23721269	23740108
CH322-141D12	CHORI-322	4	921559	939206
CH322-141D14	CHORI-322	2R	3177230	3200104
CH322-141D15	CHORI-322	2L	9022662	9043625
CH322-141D17	CHORI-322	3R	14665630	14685652
CH322-141D18	CHORI-322	2L	17070344	17090802
CH322-141D19	CHORI-322	2R	5647282	5666773
CH322-141D20	CHORI-322	X	20940769	20961213
CH322-141D21	CHORI-322	2L	18323072	18342566
CH322-141D23	CHORI-322	2L	12550504	12568624
CH322-141D24	CHORI-322	2R	20911662	20932074
CH322-141E01	CHORI-322	3R	21169662	21190860
CH322-141E03	CHORI-322	3R	19701665	19722490
CH322-141E06	CHORI-322	X	16802221	16823433
CH322-141E08	CHORI-322	2R	15381015	15399166
CH322-141E09	CHORI-322	3L	757807	778950
CH322-141E11	CHORI-322	X	16387410	16406923
CH322-141E12	CHORI-322	X	13239486	13257845
CH322-141E13	CHORI-322	X	4321816	4342168
CH322-141E14	CHORI-322	2L	2925395	2945749
CH322-141E16	CHORI-322	2L	20554997	20576376
CH322-141E17	CHORI-322	2R	9724640	9745479
CH322-141E18	CHORI-322	3R	15241595	15264598
CH322-141E19	CHORI-322	3R	12870198	12894195
CH322-141E20	CHORI-322	X	6680964	6700659
CH322-141E21	CHORI-322	2L	14932031	14950899
CH322-141E22	CHORI-322	2L	22608859	22631471
CH322-141E23	CHORI-322	X	17475923	17496877
CH322-141F01	CHORI-322	3R	4687638	4709024
CH322-141F03	CHORI-322	3L	18916336	18936423
CH322-141F08	CHORI-322	3R	14776437	14796931
CH322-141F09	CHORI-322	X	20739481	20760674
CH322-141F10	CHORI-322	3R	27056945	27080738
CH322-141F11	CHORI-322	3R	8795876	8817791
CH322-141F12	CHORI-322	X	16348027	16368692
CH322-141F16	CHORI-322	3R	11212573	11232917
CH322-141F18	CHORI-322	2L	15141064	15163539
CH322-141F19	CHORI-322	2L	22710296	22727077
CH322-141F20	CHORI-322	2L	17940136	17959403
CH322-141F21	CHORI-322	2R	14507098	14529226
CH322-141F22	CHORI-322	2RHet	698739	720381

CH322-141G01	CHORI-322	3R	21564890	21585888
CH322-141G02	CHORI-322	3L	16499238	16521103
CH322-141G03	CHORI-322	X	9700399	9719306
CH322-141G04	CHORI-322	2L	17410014	17428285
CH322-141G05	CHORI-322	3R	8460089	8478252
CH322-141G06	CHORI-322	2L	1256363	1276558
CH322-141G07	CHORI-322	3L	20916479	20936669
CH322-141G08	CHORI-322	3R	2660114	2680286
CH322-141G09	CHORI-322	2L	9397750	9418456
CH322-141G10	CHORI-322	3L	13379419	13402341
CH322-141G11	CHORI-322	3R	704213	722434
CH322-141G12	CHORI-322	4	517847	536704
CH322-141G13	CHORI-322	3R	8898065	8921876
CH322-141G15	CHORI-322	X	7765561	7790172
CH322-141G16	CHORI-322	3R	9630247	9650771
CH322-141G19	CHORI-322	3R	23227755	23248213
CH322-141G20	CHORI-322	2L	11235125	11255458
CH322-141G22	CHORI-322	2L	5257853	5277234
CH322-141G23	CHORI-322	2R	17809927	17831333
CH322-141G24	CHORI-322	X	15030277	15050038
CH322-141H01	CHORI-322	3R	20166918	20186721
CH322-141H02	CHORI-322	X	4847045	4866333
CH322-141H03	CHORI-322	3L	9041232	9064312
CH322-141H05	CHORI-322	3R	5643727	5663785
CH322-141H07	CHORI-322	2L	4377404	4402081
CH322-141H08	CHORI-322	2L	14130862	14151838
CH322-141H09	CHORI-322	3R	14994184	15015897
CH322-141H10	CHORI-322	3L	8294953	8318165
CH322-141H11	CHORI-322	3R	638387	656005
CH322-141H12	CHORI-322	3R	12687125	12709312
CH322-141H13	CHORI-322	3R	15088174	15107058
CH322-141H14	CHORI-322	2L	385382	404991
CH322-141H15	CHORI-322	3L	6658409	6676228
CH322-141H16	CHORI-322	2L	18575829	18592303
CH322-141H20	CHORI-322	2L	21146851	21167458
CH322-141H21	CHORI-322	2L	9271878	9292732
CH322-141H22	CHORI-322	X	18907690	18928160
CH322-141H24	CHORI-322	2L	3127455	3147584
CH322-141I01	CHORI-322	3R	14377803	14397581
CH322-141I02	CHORI-322	2R	2762413	2787397
CH322-141I03	CHORI-322	3R	10343887	10364616
CH322-141I04	CHORI-322	3R	23449216	23467592
CH322-141I05	CHORI-322	3R	6535674	6556778
CH322-141I06	CHORI-322	3L	3420173	3440211
CH322-141I09	CHORI-322	2L	2291786	2311739
CH322-141I10	CHORI-322	3R	538479	560987
CH322-141I13	CHORI-322	3R	10776798	10794682
CH322-141I14	CHORI-322	2L	6882554	6903935
CH322-141I15	CHORI-322	3R	13044945	13065139
CH322-141I16	CHORI-322	2R	15802556	15823661
CH322-141I17	CHORI-322	3R	3849137	3870043
CH322-141I18	CHORI-322	3L	9820161	9839767
CH322-141I21	CHORI-322	3L	22829372	22853428
CH322-141I22	CHORI-322	2R	9440284	9457981

CH322-141I23	CHORI-322	2R	11393259	11411389
CH322-141J01	CHORI-322	2R	7486203	7504613
CH322-141J02	CHORI-322	3L	13609268	13629845
CH322-141J03	CHORI-322	3R	13850343	13870901
CH322-141J04	CHORI-322	2L	3957434	3977945
CH322-141J05	CHORI-322	2L	14430107	14450837
CH322-141J08	CHORI-322	X	19431042	19451727
CH322-141J09	CHORI-322	3L	2870390	2887944
CH322-141J10	CHORI-322	2R	3102870	3121611
CH322-141J11	CHORI-322	2L	7788825	7808775
CH322-141J12	CHORI-322	3R	20318160	20339701
CH322-141J13	CHORI-322	2R	20853471	20872208
CH322-141J14	CHORI-322	2R	5262526	5280936
CH322-141J15	CHORI-322	3R	16076290	16093898
CH322-141J16	CHORI-322	3R	15351250	15372110
CH322-141J18	CHORI-322	3RHet	898965	919181
CH322-141J19	CHORI-322	3L	490779	511034
CH322-141J22	CHORI-322	3L	22192496	22216186
CH322-141J23	CHORI-322	3R	21608448	21626521
CH322-141K02	CHORI-322	3R	10070702	10088430
CH322-141K03	CHORI-322	3L	21979793	21999663
CH322-141K04	CHORI-322	2R	17009522	17028244
CH322-141K05	CHORI-322	X	1820771	1842392
CH322-141K06	CHORI-322	2R	17900932	17920352
CH322-141K07	CHORI-322	2R	9168038	9188043
CH322-141K08	CHORI-322	3R	12519383	12539724
CH322-141K09	CHORI-322	2L	12509488	12532039
CH322-141K11	CHORI-322	3R	24664885	24685990
CH322-141K12	CHORI-322	3R	7173921	7195976
CH322-141K13	CHORI-322	3L	7858545	7877807
CH322-141K15	CHORI-322	2L	9164708	9183085
CH322-141K16	CHORI-322	X	10792930	10811468
CH322-141K17	CHORI-322	3L	4644873	4667045
CH322-141K19	CHORI-322	3L	14831300	14854299
CH322-141K20	CHORI-322	3L	11722800	11744641
CH322-141K21	CHORI-322	3R	14875359	14895797
CH322-141K22	CHORI-322	3R	21090041	21110383
CH322-141K23	CHORI-322	2R	16985746	17003821
CH322-141L02	CHORI-322	2L	13418059	13439175
CH322-141L03	CHORI-322	2L	16860268	16880303
CH322-141L04	CHORI-322	3L	6316526	6340016
CH322-141L05	CHORI-322	X	18245477	18267818
CH322-141L06	CHORI-322	3R	27186894	27205715
CH322-141L07	CHORI-322	2L	10787233	10811077
CH322-141L10	CHORI-322	3R	14984715	15003930
CH322-141L12	CHORI-322	2R	1712278	1734753
CH322-141L13	CHORI-322	3L	14645573	14665954
CH322-141L14	CHORI-322	2R	16008979	16029577
CH322-141L15	CHORI-322	3R	8288235	8307018
CH322-141L16	CHORI-322	3L	7293030	7314454
CH322-141L17	CHORI-322	3R	24201053	24220592
CH322-141L18	CHORI-322	3L	19989070	20011225
CH322-141L19	CHORI-322	3R	13935027	13953277
CH322-141L21	CHORI-322	3R	15820587	15841636

CH322-141L22	CHORI-322	2R	18848114	18867041
CH322-141L23	CHORI-322	3R	19431285	19453673
CH322-141M02	CHORI-322	3L	15127264	15149923
CH322-141M03	CHORI-322	X	13861960	13884315
CH322-141M04	CHORI-322	3R	22482391	22501383
CH322-141M05	CHORI-322	4	212575	230698
CH322-141M06	CHORI-322	X	6009087	6028128
CH322-141M07	CHORI-322	2L	11374916	11395479
CH322-141M08	CHORI-322	2L	15999396	16019288
CH322-141M11	CHORI-322	3L	17519435	17541395
CH322-141M12	CHORI-322	2R	961967	983355
CH322-141M13	CHORI-322	X	14241612	14258075
CH322-141M14	CHORI-322	3L	20233589	20253401
CH322-141M15	CHORI-322	3R	15874245	15897357
CH322-141M16	CHORI-322	3R	23530950	23553483
CH322-141M17	CHORI-322	3L	10494638	10515015
CH322-141M18	CHORI-322	2L	9435855	9454553
CH322-141M19	CHORI-322	3R	11865215	11887255
CH322-141M20	CHORI-322	2R	12463958	12482066
CH322-141M21	CHORI-322	X	18244127	18267457
CH322-141M22	CHORI-322	3R	21214973	21237158
CH322-141M23	CHORI-322	3R	19809337	19829616
CH322-141N01	CHORI-322	2L	17749852	17769735
CH322-141N02	CHORI-322	3L	15385353	15402741
CH322-141N03	CHORI-322	3L	3320370	3340304
CH322-141N04	CHORI-322	X	14707247	14727712
CH322-141N05	CHORI-322	X	18595417	18612574
CH322-141N06	CHORI-322	2R	3085577	3110474
CH322-141N07	CHORI-322	3R	14340683	14359961
CH322-141N08	CHORI-322	2R	3004557	3024725
CH322-141N09	CHORI-322	X	12460766	12480067
CH322-141N10	CHORI-322	2L	6040070	6063193
CH322-141N11	CHORI-322	2R	278516	299142
CH322-141N12	CHORI-322	X	18379660	18404254
CH322-141N13	CHORI-322	3R	6267417	6290837
CH322-141N14	CHORI-322	3L	5822646	5843599
CH322-141N15	CHORI-322	2R	8003968	8026867
CH322-141N16	CHORI-322	2R	5981181	6002523
CH322-141N17	CHORI-322	2R	10919561	10942013
CH322-141N18	CHORI-322	3R	23572623	23596572
CH322-141N19	CHORI-322	X	21860011	21879274
CH322-141N20	CHORI-322	3L	13969979	13990729
CH322-141N21	CHORI-322	3L	14463351	14481249
CH322-141N22	CHORI-322	3L	17204271	17227620
CH322-141N23	CHORI-322	3R	9499941	9522173
CH322-141O01	CHORI-322	3R	13404430	13422180
CH322-141O02	CHORI-322	X	4698882	4718083
CH322-141O04	CHORI-322	3R	6267417	6287599
CH322-141O05	CHORI-322	2L	11576947	11598260
CH322-141O06	CHORI-322	X	13477291	13497108
CH322-141O07	CHORI-322	3R	17335650	17358821
CH322-141O09	CHORI-322	3L	10270493	10287905
CH322-141O10	CHORI-322	3R	13890035	13910508
CH322-141O11	CHORI-322	2R	6395430	6416587

CH322-141O12	CHORI-322	2R	15590508	15608135
CH322-141O13	CHORI-322	2L	12248357	12270736
CH322-141O14	CHORI-322	2L	10083474	10107448
CH322-141O15	CHORI-322	3R	15801995	15821819
CH322-141O16	CHORI-322	3R	10043908	10065418
CH322-141O18	CHORI-322	3R	16100141	16122479
CH322-141O19	CHORI-322	2R	17513088	17532424
CH322-141O20	CHORI-322	2R	16707408	16730165
CH322-141O21	CHORI-322	2R	9352725	9372952
CH322-141O23	CHORI-322	2R	14546721	14567671
CH322-141O24	CHORI-322	3R	17073749	17091840
CH322-141P01	CHORI-322	X	686848	704865
CH322-141P02	CHORI-322	3L	20731951	20751391
CH322-141P04	CHORI-322	3L	7005357	7025866
CH322-141P07	CHORI-322	3L	5918011	5939128
CH322-141P09	CHORI-322	3R	25468673	25491800
CH322-141P10	CHORI-322	2R	2612902	2633237
CH322-141P11	CHORI-322	3R	13548180	13570181
CH322-141P12	CHORI-322	2L	19772944	19795093
CH322-141P13	CHORI-322	X	3994697	4014712
CH322-141P14	CHORI-322	3L	7283087	7302742
CH322-141P16	CHORI-322	2L	229391	250593
CH322-141P17	CHORI-322	3R	1861661	1882256
CH322-141P18	CHORI-322	2L	12538566	12559005
CH322-141P22	CHORI-322	2L	8647992	8668302
CH322-141P23	CHORI-322	2L	9723887	9748830
CH322-142A03	CHORI-322	ArmU	252613	273435
CH322-142A04	CHORI-322	3R	5646533	5666020
CH322-142A05	CHORI-322	2R	15226980	15247934
CH322-142A06	CHORI-322	2L	14706056	14727422
CH322-142A07	CHORI-322	3R	24300205	24318115
CH322-142A08	CHORI-322	3L	119862	140253
CH322-142A09	CHORI-322	3R	13814363	13833887
CH322-142A11	CHORI-322	2L	17058419	17078277
CH322-142A12	CHORI-322	2R	13244035	13261301
CH322-142A13	CHORI-322	X	9412605	9432570
CH322-142A16	CHORI-322	3R	2627673	2646082
CH322-142A17	CHORI-322	2L	14029789	14051542
CH322-142A18	CHORI-322	2L	15028013	15046227
CH322-142A19	CHORI-322	2L	21553874	21575116
CH322-142A20	CHORI-322	X	5593386	5614555
CH322-142A21	CHORI-322	3R	8795769	8813466
CH322-142A22	CHORI-322	X	2647044	2666509
CH322-142A24	CHORI-322	3L	18209547	18227815
CH322-142B01	CHORI-322	3LHet	1852167	1875871
CH322-142B05	CHORI-322	3R	23540516	23559492
CH322-142B06	CHORI-322	2L	4740242	4757493
CH322-142B07	CHORI-322	3R	6923592	6942234
CH322-142B08	CHORI-322	2L	11535681	11558364
CH322-142B09	CHORI-322	2L	15801632	15822333
CH322-142B10	CHORI-322	3R	15069985	15090847
CH322-142B14	CHORI-322	2L	14547624	14568326
CH322-142B15	CHORI-322	3R	5866440	5888594
CH322-142B16	CHORI-322	3R	21457277	21474719

CH322-142B17	CHORI-322	3R	23808858	23830173
CH322-142B18	CHORI-322	X	5603260	5624331
CH322-142B20	CHORI-322	2L	10700524	10717929
CH322-142B21	CHORI-322	4	199762	218611
CH322-142B23	CHORI-322	2L	2425491	2445234
CH322-142B24	CHORI-322	3L	2214822	2236329
CH322-142C01	CHORI-322	2L	4025512	4046570
CH322-142C02	CHORI-322	3L	18139327	18161878
CH322-142C04	CHORI-322	2L	20370126	20392037
CH322-142C05	CHORI-322	X	14581920	14601932
CH322-142C06	CHORI-322	X	7015566	7035556
CH322-142C08	CHORI-322	2L	7523973	7544069
CH322-142C09	CHORI-322	X	6402898	6423716
CH322-142C10	CHORI-322	3LHet	1366657	1388725
CH322-142C11	CHORI-322	2L	10988520	11008182
CH322-142C12	CHORI-322	2R	9937139	9955767
CH322-142C13	CHORI-322	3LHet	1259414	1280669
CH322-142C14	CHORI-322	2R	17447890	17466190
CH322-142C15	CHORI-322	3L	11236642	11256294
CH322-142C16	CHORI-322	3R	19935588	19956405
CH322-142C17	CHORI-322	2L	11087634	11109022
CH322-142C18	CHORI-322	2L	18184978	18206835
CH322-142C19	CHORI-322	3R	21986518	22008628
CH322-142C21	CHORI-322	4	1130104	1150556
CH322-142C22	CHORI-322	2R	3837546	3856777
CH322-142C24	CHORI-322	2L	4697290	4719188
CH322-142D02	CHORI-322	3L	2746840	2768005
CH322-142D03	CHORI-322	3R	12150217	12170209
CH322-142D04	CHORI-322	3R	27640853	27659686
CH322-142D05	CHORI-322	X	15995171	16012976
CH322-142D08	CHORI-322	2L	1192687	1215112
CH322-142D09	CHORI-322	2R	7062517	7085648
CH322-142D10	CHORI-322	X	20697260	20717333
CH322-142D11	CHORI-322	2R	10371590	10389465
CH322-142D13	CHORI-322	3R	26570529	26589643
CH322-142D15	CHORI-322	3L	19205026	19224694
CH322-142D16	CHORI-322	2R	1646917	1667815
CH322-142D17	CHORI-322	3R	13651563	13669474
CH322-142D19	CHORI-322	3L	17313602	17335696
CH322-142D20	CHORI-322	3L	21676842	21696038
CH322-142D21	CHORI-322	3L	7011018	7034017
CH322-142D22	CHORI-322	3R	3808565	3830028
CH322-142D23	CHORI-322	3R	18409547	18430120
CH322-142E03	CHORI-322	3L	17146017	17168075
CH322-142E04	CHORI-322	2L	17524344	17546077
CH322-142E05	CHORI-322	3R	13300830	13319774
CH322-142E06	CHORI-322	2R	12830503	12849965
CH322-142E07	CHORI-322	X	9347628	9367970
CH322-142E08	CHORI-322	2L	16643639	16664259
CH322-142E09	CHORI-322	3L	12217196	12239522
CH322-142E11	CHORI-322	2L	12983712	13001878
CH322-142E12	CHORI-322	X	12524118	12541625
CH322-142E13	CHORI-322	3R	7598253	7617044
CH322-142E15	CHORI-322	2R	4081008	4099259

CH322-142E16	CHORI-322	2L	958030	979095
CH322-142E18	CHORI-322	3R	23243349	23264921
CH322-142E19	CHORI-322	2R	16066589	16089033
CH322-142E20	CHORI-322	3L	20696751	20715252
CH322-142E21	CHORI-322	3R	14161577	14179195
CH322-142E22	CHORI-322	X	9459736	9480256
CH322-142E23	CHORI-322	3R	14890268	14912923
CH322-142F01	CHORI-322	2L	19226064	19247552
CH322-142F02	CHORI-322	X	1972343	1992921
CH322-142F03	CHORI-322	X	8858694	8879384
CH322-142F04	CHORI-322	3L	9175865	9199457
CH322-142F05	CHORI-322	X	3700409	3721530
CH322-142F06	CHORI-322	3R	26336365	26358675
CH322-142F07	CHORI-322	2L	9468335	9488868
CH322-142F08	CHORI-322	3LHet	557866	576732
CH322-142F10	CHORI-322	2L	6889750	6909466
CH322-142F12	CHORI-322	3L	11174449	11192194
CH322-142F13	CHORI-322	3L	10904665	10924625
CH322-142F14	CHORI-322	3LHet	153914	170751
CH322-142F16	CHORI-322	2R	2113040	2134103
CH322-142F17	CHORI-322	X	3537772	3559664
CH322-142F18	CHORI-322	3L	23296297	23316608
CH322-142F19	CHORI-322	3R	18534567	18557616
CH322-142F20	CHORI-322	3L	8753454	8776757
CH322-142F21	CHORI-322	2R	2566145	2585270
CH322-142F22	CHORI-322	3R	8578705	8595801
CH322-142F23	CHORI-322	3R	26111161	26132954
CH322-142F24	CHORI-322	3LHet	829365	849423
CH322-142G01	CHORI-322	3L	1789455	1810847
CH322-142G02	CHORI-322	2L	14665324	14686052
CH322-142G04	CHORI-322	2L	1311513	1329384
CH322-142G05	CHORI-322	3R	10351471	10372284
CH322-142G06	CHORI-322	2R	19464014	19485384
CH322-142G07	CHORI-322	3L	309729	326620
CH322-142G09	CHORI-322	2L	14851245	14874505
CH322-142G10	CHORI-322	3L	17659150	17678345
CH322-142G12	CHORI-322	3L	20636029	20657190
CH322-142G13	CHORI-322	3R	14641229	14661673
CH322-142G14	CHORI-322	3L	3091880	3109900
CH322-142G15	CHORI-322	2L	2000097	2023317
CH322-142G18	CHORI-322	2R	7605332	7627454
CH322-142G19	CHORI-322	2L	5285836	5307951
CH322-142G21	CHORI-322	3L	7965516	7985183
CH322-142G23	CHORI-322	2R	17308010	17329890
CH322-142G24	CHORI-322	2L	5289222	5307951
CH322-142H01	CHORI-322	2L	19494114	19514661
CH322-142H02	CHORI-322	3L	6282687	6303433
CH322-142H04	CHORI-322	3L	10059485	10081132
CH322-142H06	CHORI-322	2R	3040132	3061798
CH322-142H07	CHORI-322	2R	5289532	5310340
CH322-142H08	CHORI-322	2L	15174255	15193665
CH322-142H09	CHORI-322	X	12190938	12211372
CH322-142H12	CHORI-322	3R	7132727	7150698
CH322-142H13	CHORI-322	3R	16267477	16287345

CH322-142H14	CHORI-322	X	5372882	5393455
CH322-142H15	CHORI-322	2R	562369	580767
CH322-142H16	CHORI-322	3L	9246497	9266670
CH322-142H17	CHORI-322	2R	13241588	13261109
CH322-142H18	CHORI-322	2L	4256207	4278539
CH322-142H19	CHORI-322	3L	12706429	12726960
CH322-142H20	CHORI-322	3R	14742283	14765502
CH322-142H21	CHORI-322	2R	9712964	9733018
CH322-142I01	CHORI-322	3R	10823104	10840576
CH322-142I02	CHORI-322	3R	15247844	15268704
CH322-142I03	CHORI-322	2R	4881915	4903216
CH322-142I04	CHORI-322	X	15247569	15269627
CH322-142I06	CHORI-322	2L	2930590	2948210
CH322-142I07	CHORI-322	2R	10297476	10315581
CH322-142I08	CHORI-322	3LHet	2023747	2043017
CH322-142I11	CHORI-322	2R	3682964	3701730
CH322-142I12	CHORI-322	2L	21364944	21383637
CH322-142I13	CHORI-322	2R	14206599	14227122
CH322-142I15	CHORI-322	3R	20934601	20955511
CH322-142I16	CHORI-322	3R	2238089	2255029
CH322-142I17	CHORI-322	X	1186738	1209490
CH322-142I21	CHORI-322	3R	5559077	5580925
CH322-142I24	CHORI-322	X	4174178	4194535
CH322-142J01	CHORI-322	2R	20844125	20864720
CH322-142J02	CHORI-322	2R	16101963	16120172
CH322-142J03	CHORI-322	2L	19986948	20006795
CH322-142J04	CHORI-322	3R	12074846	12094781
CH322-142J05	CHORI-322	2R	16888999	16909959
CH322-142J06	CHORI-322	3R	27647509	27665717
CH322-142J08	CHORI-322	2L	16548748	16570937
CH322-142J09	CHORI-322	ArmU	1173194	1194200
CH322-142J10	CHORI-322	2L	9844197	9864546
CH322-142J11	CHORI-322	2R	18854468	18873305
CH322-142J12	CHORI-322	3R	132536	151098
CH322-142J13	CHORI-322	X	9281089	9302342
CH322-142J14	CHORI-322	4	1307075	1330917
CH322-142J15	CHORI-322	3R	15572363	15589757
CH322-142J16	CHORI-322	3R	7864200	7885709
CH322-142J17	CHORI-322	2L	13308387	13328081
CH322-142J18	CHORI-322	2L	8319677	8343629
CH322-142J19	CHORI-322	3R	5019338	5040546
CH322-142J20	CHORI-322	3R	27569702	27591110
CH322-142J21	CHORI-322	2L	5524547	5544610
CH322-142J22	CHORI-322	3L	8683887	8704392
CH322-142J24	CHORI-322	2R	1573977	1595004
CH322-142K01	CHORI-322	2L	11695668	11714579
CH322-142K02	CHORI-322	2L	3882642	3903333
CH322-142K03	CHORI-322	2R	1611986	1631835
CH322-142K04	CHORI-322	2L	6390918	6408962
CH322-142K05	CHORI-322	3R	18863200	18883289
CH322-142K06	CHORI-322	2L	15051757	15070611
CH322-142K07	CHORI-322	3L	10810597	10829214
CH322-142K08	CHORI-322	2L	10263343	10281599
CH322-142K13	CHORI-322	2L	5482648	5503609

CH322-142K14	CHORI-322	3R	14687840	14707422
CH322-142K15	CHORI-322	3R	19976663	19995857
CH322-142K16	CHORI-322	3R	19918382	19936765
CH322-142K17	CHORI-322	3L	21297066	21326700
CH322-142K19	CHORI-322	3R	23846193	23865506
CH322-142K20	CHORI-322	2R	20703105	20726702
CH322-142K21	CHORI-322	3R	26831444	26853934
CH322-142K22	CHORI-322	2RHet	1463419	1487921
CH322-142K23	CHORI-322	X	22091053	22110450
CH322-142L01	CHORI-322	3L	23722534	23737821
CH322-142L03	CHORI-322	3R	11373288	11393457
CH322-142L04	CHORI-322	2R	13562378	13582783
CH322-142L06	CHORI-322	X	8166775	8186944
CH322-142L07	CHORI-322	2R	17106949	17129206
CH322-142L08	CHORI-322	2L	20835912	20856265
CH322-142L10	CHORI-322	3L	3289484	3313946
CH322-142L11	CHORI-322	3L	5996894	6016622
CH322-142L13	CHORI-322	2R	7118739	7139482
CH322-142L14	CHORI-322	2R	12845630	12864609
CH322-142L15	CHORI-322	3RHet	904831	923809
CH322-142L16	CHORI-322	2R	8623730	8645296
CH322-142L17	CHORI-322	3L	1279222	1299678
CH322-142L18	CHORI-322	2R	17720464	17740957
CH322-142L19	CHORI-322	X	17326496	17344194
CH322-142L21	CHORI-322	2L	1331183	1350501
CH322-142L22	CHORI-322	2L	13041169	13062415
CH322-142M01	CHORI-322	2R	9557703	9574686
CH322-142M02	CHORI-322	X	13898409	13919301
CH322-142M03	CHORI-322	3L	1927189	1948462
CH322-142M05	CHORI-322	2L	2163642	2183500
CH322-142M06	CHORI-322	X	21863361	21880078
CH322-142M07	CHORI-322	3R	18619187	18638710
CH322-142M08	CHORI-322	3L	12928071	12946948
CH322-142M09	CHORI-322	X	11848514	11870257
CH322-142M10	CHORI-322	3L	21986436	22004256
CH322-142M11	CHORI-322	2R	5462480	5485067
CH322-142M13	CHORI-322	X	9337106	9356099
CH322-142M14	CHORI-322	3R	11329851	11349895
CH322-142M15	CHORI-322	X	2446094	2466775
CH322-142M18	CHORI-322	3L	24151235	24168356
CH322-142M19	CHORI-322	3R	10762783	10783135
CH322-142M21	CHORI-322	2R	12494771	12513911
CH322-142M22	CHORI-322	2L	13238594	13255559
CH322-142M23	CHORI-322	2R	10259465	10279378
CH322-142N01	CHORI-322	2R	20500109	20517097
CH322-142N02	CHORI-322	2L	4763047	4786852
CH322-142N03	CHORI-322	3L	7965516	7985783
CH322-142N04	CHORI-322	3L	4623089	4643592
CH322-142N07	CHORI-322	3R	18635575	18655469
CH322-142N08	CHORI-322	3R	7573406	7593027
CH322-142N09	CHORI-322	3R	20365816	20388256
CH322-142N11	CHORI-322	3L	15898338	15919656
CH322-142N13	CHORI-322	2R	12979778	12999534
CH322-142N14	CHORI-322	2R	5505948	5524302

CH322-142N15	CHORI-322	2R	6094994	6113927
CH322-142N16	CHORI-322	3R	18418272	18437860
CH322-142N17	CHORI-322	X	1640368	1663500
CH322-142N19	CHORI-322	2L	9856683	9878940
CH322-142N20	CHORI-322	3R	22775852	22795663
CH322-142N21	CHORI-322	3R	23451664	23474401
CH322-142N23	CHORI-322	3R	18315222	18335791
CH322-142O01	CHORI-322	3R	25471838	25490341
CH322-142O03	CHORI-322	4	896792	916254
CH322-142O05	CHORI-322	3L	17682696	17703566
CH322-142O07	CHORI-322	2R	13140118	13160179
CH322-142O08	CHORI-322	2RHet	1597	18586
CH322-142O10	CHORI-322	3L	15505786	15526389
CH322-142O11	CHORI-322	2L	7523990	7543866
CH322-142O12	CHORI-322	2R	5548584	5570208
CH322-142O13	CHORI-322	2R	5091020	5110205
CH322-142O14	CHORI-322	X	3186209	3207412
CH322-142O15	CHORI-322	X	15075036	15094724
CH322-142O16	CHORI-322	2R	17902629	17922733
CH322-142O17	CHORI-322	3L	6977053	6996070
CH322-142O19	CHORI-322	3R	6418589	6438137
CH322-142O20	CHORI-322	3L	10811049	10832917
CH322-142O21	CHORI-322	3L	2954063	2974739
CH322-142O22	CHORI-322	3L	15455229	15477948
CH322-142O24	CHORI-322	3R	23275766	23297230
CH322-142P01	CHORI-322	3R	16275249	16295112
CH322-142P02	CHORI-322	2L	9868517	9891226
CH322-142P03	CHORI-322	2R	2670714	2689233
CH322-142P04	CHORI-322	3L	1870887	1890831
CH322-142P06	CHORI-322	2L	17257925	17278374
CH322-142P07	CHORI-322	3R	16910506	16929146
CH322-142P08	CHORI-322	3R	3944157	3965949
CH322-142P09	CHORI-322	X	6072452	6095021
CH322-142P10	CHORI-322	2L	11752130	11773268
CH322-142P11	CHORI-322	2R	14215695	14233930
CH322-142P12	CHORI-322	2L	18360920	18378388
CH322-142P13	CHORI-322	2R	3163350	3182441
CH322-142P14	CHORI-322	2R	11313189	11333175
CH322-142P15	CHORI-322	3L	8835801	8857041
CH322-142P16	CHORI-322	2R	5102194	5125209
CH322-142P17	CHORI-322	2R	18692552	18713016
CH322-142P18	CHORI-322	3LHet	1171941	1190738
CH322-142P19	CHORI-322	3L	17915494	17935374
CH322-142P20	CHORI-322	3L	13300573	13320518
CH322-142P21	CHORI-322	2L	11945688	11964329
CH322-142P22	CHORI-322	2L	4380482	4400847
CH322-142P24	CHORI-322	3R	27732091	27752189
CH322-143A01	CHORI-322	3L	6661756	6680077
CH322-143A02	CHORI-322	X	18834774	18853981
CH322-143A03	CHORI-322	3R	7124066	7141410
CH322-143A04	CHORI-322	2R	3939757	3960296
CH322-143A05	CHORI-322	3L	10555396	10575245
CH322-143A06	CHORI-322	2L	3256790	3276678
CH322-143A07	CHORI-322	2L	14781727	14804363

CH322-143A08	CHORI-322	2R	7793055	7811165
CH322-143A09	CHORI-322	3L	10253716	10275240
CH322-143A10	CHORI-322	3L	6046693	6064967
CH322-143A11	CHORI-322	3R	13043234	13063695
CH322-143A12	CHORI-322	2R	15073731	15093845
CH322-143A13	CHORI-322	3R	22117695	22136548
CH322-143A14	CHORI-322	3R	26484743	26502126
CH322-143A16	CHORI-322	3L	2607027	2626572
CH322-143A20	CHORI-322	3R	15453289	15473235
CH322-143A21	CHORI-322	3R	12669165	12691821
CH322-143A22	CHORI-322	3R	2361695	2379618
CH322-143A23	CHORI-322	X	20571112	20595094
CH322-143A24	CHORI-322	2L	1805077	1824788
CH322-143B01	CHORI-322	3L	19396015	19416498
CH322-143B02	CHORI-322	4	573293	592867
CH322-143B03	CHORI-322	X	4528681	4549459
CH322-143B04	CHORI-322	2R	8009375	8030726
CH322-143B05	CHORI-322	3L	20654951	20672219
CH322-143B06	CHORI-322	2L	17605545	17625882
CH322-143B07	CHORI-322	3R	3454758	3473466
CH322-143B08	CHORI-322	3R	11874393	11893668
CH322-143B09	CHORI-322	2R	8893440	8914433
CH322-143B10	CHORI-322	2L	13073596	13095071
CH322-143B11	CHORI-322	3L	2030801	2050974
CH322-143B12	CHORI-322	3R	17000159	17019321
CH322-143B14	CHORI-322	3R	27111308	27134283
CH322-143B15	CHORI-322	2L	20722844	20743389
CH322-143B16	CHORI-322	X	5745173	5766971
CH322-143B17	CHORI-322	X	1218087	1240218
CH322-143B18	CHORI-322	2R	7508736	7531116
CH322-143B19	CHORI-322	2L	14528879	14550395
CH322-143B21	CHORI-322	2L	17826017	17844365
CH322-143B22	CHORI-322	2L	11199723	11219872
CH322-143B23	CHORI-322	2L	6485901	6506746
CH322-143B24	CHORI-322	3L	10508780	10529183
CH322-143C01	CHORI-322	3R	12584866	12602175
CH322-143C02	CHORI-322	X	21270984	21292488
CH322-143C04	CHORI-322	3R	27198373	27219749
CH322-143C05	CHORI-322	2R	7505963	7527676
CH322-143C09	CHORI-322	2L	20514876	20535089
CH322-143C10	CHORI-322	3L	20422583	20442728
CH322-143C11	CHORI-322	3R	13927793	13949336
CH322-143C12	CHORI-322	3R	8345084	8365005
CH322-143C14	CHORI-322	3L	3182734	3203155
CH322-143C15	CHORI-322	3L	17156601	17177780
CH322-143C16	CHORI-322	2R	3079133	3100489
CH322-143C17	CHORI-322	3R	11598943	11621103
CH322-143C18	CHORI-322	2L	9013398	9032779
CH322-143C19	CHORI-322	3L	11342228	11363840
CH322-143C20	CHORI-322	3L	10658983	10678747
CH322-143C21	CHORI-322	3R	6806195	6824425
CH322-143C22	CHORI-322	3L	18144144	18162746
CH322-143C23	CHORI-322	2R	14567668	14588421
CH322-143C24	CHORI-322	2L	13846073	13865438

CH322-143D01	CHORI-322	3L	21441866	21460411
CH322-143D02	CHORI-322	2R	7104282	7124308
CH322-143D03	CHORI-322	3R	3224622	3245537
CH322-143D04	CHORI-322	X	12751164	12773090
CH322-143D05	CHORI-322	3L	6324033	6341238
CH322-143D06	CHORI-322	2L	21026761	21046743
CH322-143D08	CHORI-322	3L	9229332	9249659
CH322-143D09	CHORI-322	3R	4233527	4252944
CH322-143D15	CHORI-322	3R	19282341	19303864
CH322-143D18	CHORI-322	3R	4865690	4887104
CH322-143D20	CHORI-322	2R	9190452	9211761
CH322-143D21	CHORI-322	2L	8252748	8275072
CH322-143D23	CHORI-322	3R	1798964	1818157
CH322-143D24	CHORI-322	2L	18843037	18865619
CH322-143E01	CHORI-322	3R	4222060	4242676
CH322-143E02	CHORI-322	2L	14764919	14784774
CH322-143E04	CHORI-322	2L	12360765	12381425
CH322-143E05	CHORI-322	3R	2560936	2578119
CH322-143E06	CHORI-322	2L	16183288	16203426
CH322-143E07	CHORI-322	3L	2509880	2530567
CH322-143E08	CHORI-322	2R	9946756	9966257
CH322-143E09	CHORI-322	3L	17555319	17573279
CH322-143E10	CHORI-322	3L	22432550	22454128
CH322-143E11	CHORI-322	3R	9684164	9705214
CH322-143E13	CHORI-322	3R	20548522	20570711
CH322-143E15	CHORI-322	3L	9571081	9588931
CH322-143E16	CHORI-322	3R	21142761	21164956
CH322-143E17	CHORI-322	3R	20168367	20188556
CH322-143E18	CHORI-322	X	8376175	8394785
CH322-143E19	CHORI-322	3R	24288735	24310393
CH322-143E20	CHORI-322	2R	20475302	20494916
CH322-143E23	CHORI-322	3R	16196818	16216229
CH322-143E24	CHORI-322	2L	12872567	12893201
CH322-143F02	CHORI-322	3R	24127936	24146862
CH322-143F03	CHORI-322	X	716718	737266
CH322-143F04	CHORI-322	3R	12091256	12109551
CH322-143F08	CHORI-322	3L	8817263	8841372
CH322-143F09	CHORI-322	2R	14568170	14588879
CH322-143F11	CHORI-322	3LHet	384861	402346
CH322-143F13	CHORI-322	2L	15966933	15985785
CH322-143F15	CHORI-322	3L	4357672	4377273
CH322-143F16	CHORI-322	2L	12589838	12607276
CH322-143F17	CHORI-322	3R	14130000	14148262
CH322-143F18	CHORI-322	3R	12100834	12120611
CH322-143F19	CHORI-322	3R	27302488	27324070
CH322-143F20	CHORI-322	2R	10913452	10931594
CH322-143F21	CHORI-322	3R	6887656	6906630
CH322-143F23	CHORI-322	2R	14755454	14775336
CH322-143F24	CHORI-322	X	13348139	13368394
CH322-143G01	CHORI-322	2R	19173378	19193029
CH322-143G02	CHORI-322	3R	2633483	2651251
CH322-143G04	CHORI-322	2L	3124446	3146648
CH322-143G05	CHORI-322	2R	17635192	17654869
CH322-143G06	CHORI-322	3L	21133284	21151650

CH322-143G07	CHORI-322	3R	13043344	13063695
CH322-143G08	CHORI-322	3R	8662686	8680862
CH322-143G09	CHORI-322	3L	13858309	13878256
CH322-143G10	CHORI-322	X	20937032	20955007
CH322-143G11	CHORI-322	3L	5250754	5271625
CH322-143G12	CHORI-322	X	17996311	18018561
CH322-143G14	CHORI-322	3R	5090876	5109560
CH322-143G15	CHORI-322	2R	4035898	4056762
CH322-143G16	CHORI-322	X	20878570	20896981
CH322-143G17	CHORI-322	3L	4942308	4964933
CH322-143G18	CHORI-322	2L	22112428	22132884
CH322-143G19	CHORI-322	2R	10786775	10806400
CH322-143G20	CHORI-322	3R	8568490	8590490
CH322-143G21	CHORI-322	X	4727827	4747671
CH322-143G22	CHORI-322	2L	5144429	5164761
CH322-143G23	CHORI-322	2R	11800978	11822097
CH322-143H02	CHORI-322	2R	4071070	4090567
CH322-143H03	CHORI-322	2L	13541327	13561746
CH322-143H04	CHORI-322	3R	25650498	25671022
CH322-143H05	CHORI-322	2R	3567998	3587886
CH322-143H06	CHORI-322	3R	16518951	16539418
CH322-143H07	CHORI-322	X	14874665	14894047
CH322-143H09	CHORI-322	3R	991144	1013780
CH322-143H10	CHORI-322	2L	7682303	7701317
CH322-143H12	CHORI-322	2R	16690310	16709861
CH322-143H14	CHORI-322	3L	5706597	5727265
CH322-143H15	CHORI-322	2R	26211 49899	
CH322-143H16	CHORI-322	2L	1531209	1551155
CH322-143H18	CHORI-322	X	13869492	13888778
CH322-143H19	CHORI-322	2R	20110526	20127972
CH322-143H20	CHORI-322	3R	11976155	11997258
CH322-143H23	CHORI-322	2L	18112506	18132322
CH322-143H24	CHORI-322	3R	219581	240060
CH322-143I02	CHORI-322	X	10399970	10429336
CH322-143I03	CHORI-322	2R	10278815	10300683
CH322-143I04	CHORI-322	3L	6012849	6033288
CH322-143I07	CHORI-322	2L	17530036	17552210
CH322-143I09	CHORI-322	2L	9342289	9362962
CH322-143I11	CHORI-322	3R	5790959	5810259
CH322-143I13	CHORI-322	3L	23201487	23220715
CH322-143I14	CHORI-322	3L	1997531	2015301
CH322-143I15	CHORI-322	2L	16968617	16991232
CH322-143I16	CHORI-322	2L	12954126	12977042
CH322-143I17	CHORI-322	3R	930560	949796
CH322-143I18	CHORI-322	2R	9561510	9582117
CH322-143I19	CHORI-322	X	20133754	20156433
CH322-143I21	CHORI-322	2R	14141617	14159403
CH322-143I22	CHORI-322	2R	11604832	11622387
CH322-143I24	CHORI-322	3L	10508780	10527803
CH322-143J01	CHORI-322	3R	13814360	13834862
CH322-143J02	CHORI-322	3R	2456235	2473926
CH322-143J04	CHORI-322	3L	6496672	6514935
CH322-143J05	CHORI-322	2L	7903893	7924677
CH322-143J06	CHORI-322	2R	5427287	5447934

CH322-143J07	CHORI-322	ArmU	274607	295916
CH322-143J08	CHORI-322	2R	4269265	4291892
CH322-143J09	CHORI-322	3L	21407756	21428934
CH322-143J10	CHORI-322	2R	16075452	16095615
CH322-143J11	CHORI-322	3L	10311709	10331788
CH322-143J12	CHORI-322	2R	2957181	2978743
CH322-143J13	CHORI-322	3L	7772573	7792975
CH322-143J14	CHORI-322	4	934451	955486
CH322-143J15	CHORI-322	3R	2977733	3000399
CH322-143J17	CHORI-322	2R	8974586	8998052
CH322-143J18	CHORI-322	3L	10339293	10358559
CH322-143J19	CHORI-322	2R	14833185	14852103
CH322-143J20	CHORI-322	X	7559050	7576968
CH322-143J21	CHORI-322	2R	18667268	18689047
CH322-143J22	CHORI-322	3R	19385350	19404294
CH322-143K01	CHORI-322	3R	23890967	23913088
CH322-143K02	CHORI-322	2R	16360197	16378386
CH322-143K03	CHORI-322	2R	16274483	16296536
CH322-143K04	CHORI-322	3R	16169219	16190245
CH322-143K05	CHORI-322	2L	10783507	10806854
CH322-143K06	CHORI-322	4	374895	394300
CH322-143K07	CHORI-322	3R	16755902	16773360
CH322-143K08	CHORI-322	3R	15550784	15569465
CH322-143K10	CHORI-322	3R	8540317	8559428
CH322-143K11	CHORI-322	2R	1125139	1146314
CH322-143K13	CHORI-322	X	21874252	21896079
CH322-143K14	CHORI-322	X	5446681	5470792
CH322-143K16	CHORI-322	3R	7328357	7347560
CH322-143K17	CHORI-322	2R	7486203	7509616
CH322-143K18	CHORI-322	3R	5174605	5194123
CH322-143K19	CHORI-322	X	15580923	15599118
CH322-143K20	CHORI-322	X	95264 110693	
CH322-143K21	CHORI-322	3R	5874171	5895087
CH322-143K22	CHORI-322	3L	3920025	3941186
CH322-143K23	CHORI-322	2L	645902	666264
CH322-143K24	CHORI-322	3R	7301628	7322443
CH322-143L01	CHORI-322	3R	3021800	3038602
CH322-143L03	CHORI-322	3R	14757012	14777465
CH322-143L04	CHORI-322	3L	10709258	10728434
CH322-143L05	CHORI-322	2R	4982265	5006085
CH322-143L07	CHORI-322	3L	20148070	20171968
CH322-143L10	CHORI-322	4	349119	367031
CH322-143L11	CHORI-322	2L	20669915	20693018
CH322-143L12	CHORI-322	3LHet	1244710	1264810
CH322-143L13	CHORI-322	3R	25443840	25463468
CH322-143L15	CHORI-322	3R	24954521	24971248
CH322-143L16	CHORI-322	3R	13043240	13062603
CH322-143L17	CHORI-322	3R	583720	607307
CH322-143L19	CHORI-322	2L	16213880	16234798
CH322-143L20	CHORI-322	X	15126485	15146148
CH322-143L23	CHORI-322	3R	18810132	18828376
CH322-143L24	CHORI-322	3R	9543961	9567132
CH322-143M01	CHORI-322	2R	17022439	17043193
CH322-143M02	CHORI-322	3R	9720845	9740813

CH322-143M03	CHORI-322	3R	490583	510008
CH322-143M04	CHORI-322	3R	4853855	4874257
CH322-143M05	CHORI-322	3L	1871823	1893854
CH322-143M07	CHORI-322	2R	9642044	9663441
CH322-143M09	CHORI-322	X	20483964	20502352
CH322-143M10	CHORI-322	2R	15682266	15702991
CH322-143M11	CHORI-322	2R	7722858	7745575
CH322-143M12	CHORI-322	X	5026558	5044400
CH322-143M13	CHORI-322	2R	2435776	2454471
CH322-143M14	CHORI-322	3L	5475183	5499371
CH322-143M15	CHORI-322	X	7071895	7095910
CH322-143M16	CHORI-322	3R	17763001	17783709
CH322-143M17	CHORI-322	X	4312676	4334610
CH322-143M18	CHORI-322	2L	12339420	12356911
CH322-143M19	CHORI-322	2L	15073606	15094900
CH322-143M21	CHORI-322	3R	4779590	4799296
CH322-143M23	CHORI-322	2R	2125595	2144834
CH322-143N02	CHORI-322	2L	11453511	11475480
CH322-143N05	CHORI-322	2L	13649276	13669715
CH322-143N06	CHORI-322	2L	17994906	18012069
CH322-143N07	CHORI-322	4	146071	164166
CH322-143N09	CHORI-322	3L	11518310	11539920
CH322-143N10	CHORI-322	3R	17673243	17690059
CH322-143N11	CHORI-322	2R	10576364	10595016
CH322-143N12	CHORI-322	X	16162199	16181127
CH322-143N14	CHORI-322	2R	4602835	4624076
CH322-143N15	CHORI-322	2R	16374483	16393205
CH322-143N16	CHORI-322	2L	17572184	17595825
CH322-143N17	CHORI-322	3R	7000061	7016720
CH322-143N19	CHORI-322	2L	2373575	2394330
CH322-143N20	CHORI-322	3L	9296381	9316189
CH322-143N21	CHORI-322	2L	2422640	2444701
CH322-143N22	CHORI-322	2L	16388866	16408228
CH322-143O03	CHORI-322	3R	4389005	4407656
CH322-143O04	CHORI-322	3L	10554918	10575692
CH322-143O05	CHORI-322	3R	26189337	26209241
CH322-143O06	CHORI-322	2R	7714134	7732298
CH322-143O07	CHORI-322	3R	26346662	26364763
CH322-143O08	CHORI-322	2R	18516104	18537095
CH322-143O09	CHORI-322	X	7715492	7737003
CH322-143O11	CHORI-322	2L	12516632	12538061
CH322-143O12	CHORI-322	2R	12938106	12958453
CH322-143O13	CHORI-322	X	12007148	12027776
CH322-143O14	CHORI-322	X	7272909	7293973
CH322-143O15	CHORI-322	X	3432250	3453797
CH322-143O16	CHORI-322	2L	18472790	18493737
CH322-143O18	CHORI-322	X	17306052	17326499
CH322-143O19	CHORI-322	3R	9681328	9700270
CH322-143O21	CHORI-322	3L	1349212	1371987
CH322-143O22	CHORI-322	3R	5363368	5383716
CH322-143O24	CHORI-322	3L	19759861	19780728
CH322-143P01	CHORI-322	X	19151885	19171388
CH322-143P02	CHORI-322	3R	25162644	25182699
CH322-143P03	CHORI-322	2L	6913880	6933907

CH322-143P04	CHORI-322	3L	21512601	21533441
CH322-143P06	CHORI-322	3R	24015054	24037847
CH322-143P07	CHORI-322	2L	6909974	6929748
CH322-143P11	CHORI-322	2L	17572184	17595825
CH322-143P12	CHORI-322	3R	21475175	21495368
CH322-143P13	CHORI-322	2L	2665797	2686870
CH322-143P14	CHORI-322	3R	21279920	21299452
CH322-143P15	CHORI-322	2L	12060316	12079373
CH322-143P16	CHORI-322	3R	25899198	25919227
CH322-143P18	CHORI-322	2R	1121421	1141757
CH322-143P19	CHORI-322	3L	22223821	22246110
CH322-143P20	CHORI-322	2R	5646319	5668342
CH322-143P24	CHORI-322	2L	21829687	21848841
CH322-144A01	CHORI-322	3R	8987955	9010652
CH322-144A02	CHORI-322	2L	8009855	8030448
CH322-144A05	CHORI-322	2L	10817893	10839990
CH322-144A06	CHORI-322	X	7991539	8011738
CH322-144A07	CHORI-322	2R	13574822	13598043
CH322-144A10	CHORI-322	2R	5765044	5785475
CH322-144A11	CHORI-322	X	6452181	6471832
CH322-144A12	CHORI-322	3R	12741416	12764951
CH322-144A13	CHORI-322	3R	12329545	12352719
CH322-144A15	CHORI-322	3R	23025778	23048179
CH322-144A17	CHORI-322	2L	7507318	7528643
CH322-144A19	CHORI-322	2R	12191178	12211461
CH322-144A20	CHORI-322	3R	11819375	11838718
CH322-144A22	CHORI-322	3R	17356225	17375441
CH322-144A23	CHORI-322	2L	16488886	16509333
CH322-144A24	CHORI-322	3R	22285751	22307040
CH322-144B01	CHORI-322	3L	4603430	4622615
CH322-144B02	CHORI-322	3L	831740	850998
CH322-144B03	CHORI-322	3R	21572859	21592169
CH322-144B05	CHORI-322	2L	18931763	18952987
CH322-144B06	CHORI-322	2L	370324	391921
CH322-144B08	CHORI-322	3R	22563611	22585343
CH322-144B11	CHORI-322	3R	2294975	2312700
CH322-144B12	CHORI-322	X	14334697	14353511
CH322-144B13	CHORI-322	X	15866448	15886246
CH322-144B15	CHORI-322	X	17442433	17462097
CH322-144B16	CHORI-322	3L	4357359	4378117
CH322-144B17	CHORI-322	2R	15433141	15452932
CH322-144B18	CHORI-322	3R	8047158	8067342
CH322-144B19	CHORI-322	3R	1846139	1867532
CH322-144B20	CHORI-322	2L	2881889	2900741
CH322-144B21	CHORI-322	X	22317585	22335710
CH322-144B22	CHORI-322	X	3808005	3828224
CH322-144B23	CHORI-322	3R	12352255	12373317
CH322-144B24	CHORI-322	2L	10081686	10103015
CH322-144C01	CHORI-322	3L	5274697	5294302
CH322-144C02	CHORI-322	2R	3692071	3711018
CH322-144C03	CHORI-322	2L	14031569	14051351
CH322-144C04	CHORI-322	X	19017896	19038003
CH322-144C05	CHORI-322	3L	9633799	9654147
CH322-144C06	CHORI-322	4	666041	689431

CH322-144C08	CHORI-322	2L	9837199	9857315
CH322-144C09	CHORI-322	X	4657501	4679448
CH322-144C10	CHORI-322	2L	21867029	21885223
CH322-144C11	CHORI-322	3R	13814360	13834573
CH322-144C12	CHORI-322	3L	1873626	1894842
CH322-144C13	CHORI-322	3R	20627020	20647054
CH322-144C14	CHORI-322	2L	1886509	1908149
CH322-144C16	CHORI-322	X	11238081	11258820
CH322-144C17	CHORI-322	2L	9328262	9347827
CH322-144C18	CHORI-322	2R	4217495	4236248
CH322-144C20	CHORI-322	X	9949834	9969430
CH322-144C23	CHORI-322	3R	15474114	15495311
CH322-144C24	CHORI-322	4	1277518	1300339
CH322-144D01	CHORI-322	3L	9360725	9377822
CH322-144D02	CHORI-322	3R	25599376	25618566
CH322-144D04	CHORI-322	2L	21325908	21342753
CH322-144D05	CHORI-322	3R	13991464	14011376
CH322-144D06	CHORI-322	X	2388984	2406630
CH322-144D07	CHORI-322	3R	8126755	8146379
CH322-144D09	CHORI-322	2R	14775632	14796771
CH322-144D10	CHORI-322	2L	6882204	6902996
CH322-144D11	CHORI-322	3L	3471535	3488214
CH322-144D12	CHORI-322	2R	6910917	6930945
CH322-144D13	CHORI-322	2L	20615203	20633954
CH322-144D14	CHORI-322	2L	18445027	18463816
CH322-144D16	CHORI-322	3R	27689543	27714385
CH322-144D17	CHORI-322	2L	13772125	13793907
CH322-144D18	CHORI-322	X	13653925	13676336
CH322-144D19	CHORI-322	2L	16701622	16722344
CH322-144D20	CHORI-322	3R	9069480	9088938
CH322-144D21	CHORI-322	3L	21679871	21699227
CH322-144D22	CHORI-322	X	14419423	14437154
CH322-144D23	CHORI-322	3R	12595475	12614588
CH322-144E01	CHORI-322	3L	18143786	18162100
CH322-144E02	CHORI-322	2R	8656739	8676077
CH322-144E03	CHORI-322	3L	10458423	10479690
CH322-144E04	CHORI-322	X	8383539	8402336
CH322-144E05	CHORI-322	2L	16738113	16759269
CH322-144E07	CHORI-322	3R	7131372	7151864
CH322-144E09	CHORI-322	2L	21060557	21081841
CH322-144E10	CHORI-322	2L	16646801	16664256
CH322-144E11	CHORI-322	3L	22324110	22345751
CH322-144E12	CHORI-322	3R	658312	675669
CH322-144E14	CHORI-322	3L	690652	708377
CH322-144E15	CHORI-322	2R	8417976	8438911
CH322-144E17	CHORI-322	2L	1987620	2005546
CH322-144E18	CHORI-322	3L	13240151	13258836
CH322-144E19	CHORI-322	2L	18562727	18581755
CH322-144E20	CHORI-322	2R	12788354	12808479
CH322-144E22	CHORI-322	3R	9323009	9342780
CH322-144E23	CHORI-322	2L	15740424	15758400
CH322-144F04	CHORI-322	2L	2529136	2548493
CH322-144F06	CHORI-322	3R	10447491	10468830
CH322-144F07	CHORI-322	2R	15775405	15795380

CH322-144F08	CHORI-322	2L	8492163	8513817
CH322-144F09	CHORI-322	2R	2360300	2379955
CH322-144F10	CHORI-322	3L	18489340	18507177
CH322-144F11	CHORI-322	2L	555279	577918
CH322-144F12	CHORI-322	3R	18708294	18729695
CH322-144F14	CHORI-322	3L	26993 47643	
CH322-144F15	CHORI-322	3R	4842306	4861862
CH322-144F16	CHORI-322	X	13452649	13474170
CH322-144F17	CHORI-322	3R	16338291	16358600
CH322-144F18	CHORI-322	3L	3297877	3318652
CH322-144F19	CHORI-322	X	12542735	12562638
CH322-144F20	CHORI-322	2L	2330632	2349240
CH322-144F21	CHORI-322	3R	57326 75427	
CH322-144F24	CHORI-322	2L	4066580	4084357
CH322-144G01	CHORI-322	2R	5818564	5839075
CH322-144G02	CHORI-322	3R	27759137	27776313
CH322-144G03	CHORI-322	3R	2337356	2358299
CH322-144G04	CHORI-322	3R	707899	730095
CH322-144G05	CHORI-322	X	18154513	18174021
CH322-144G06	CHORI-322	3R	6744677	6763563
CH322-144G07	CHORI-322	X	10143847	10161018
CH322-144G09	CHORI-322	3R	19418885	19439708
CH322-144G10	CHORI-322	3L	6499043	6519285
CH322-144G11	CHORI-322	2R	4683398	4706087
CH322-144G12	CHORI-322	3R	2570826	2589601
CH322-144G13	CHORI-322	3RHet	1295057	1314001
CH322-144G14	CHORI-322	3R	17906355	17923869
CH322-144G15	CHORI-322	3L	1145463	1163025
CH322-144G17	CHORI-322	3R	3216519	3236716
CH322-144G18	CHORI-322	3L	8668209	8688408
CH322-144G20	CHORI-322	2R	2830550	2851785
CH322-144G21	CHORI-322	3R	7915192	7935208
CH322-144G23	CHORI-322	3R	9982708	10003372
CH322-144H01	CHORI-322	2L	15367531	15387853
CH322-144H02	CHORI-322	2R	4334432	4359006
CH322-144H03	CHORI-322	3LHet	273713	296002
CH322-144H04	CHORI-322	2R	10821248	10838271
CH322-144H05	CHORI-322	2R	5559206	5578735
CH322-144H06	CHORI-322	2L	2830730	2847763
CH322-144H08	CHORI-322	3R	16663650	16686623
CH322-144H09	CHORI-322	2R	6531796	6554008
CH322-144H10	CHORI-322	2R	2787531	2807721
CH322-144H12	CHORI-322	3L	22913045	22932292
CH322-144H15	CHORI-322	2L	6457073	6476265
CH322-144H16	CHORI-322	2L	5841114	5862369
CH322-144H17	CHORI-322	2L	11877392	11899509
CH322-144H18	CHORI-322	2R	7791887	7811041
CH322-144H19	CHORI-322	3L	10491300	10508801
CH322-144H20	CHORI-322	3L	11812385	11833034
CH322-144H21	CHORI-322	X	11082489	11105160
CH322-144H22	CHORI-322	2R	3937721	3959958
CH322-144H23	CHORI-322	3L	17401811	17422159
CH322-144H24	CHORI-322	X	4402869	4420792
CH322-144I01	CHORI-322	2R	17376512	17398934

CH322-144I02	CHORI-322	X	7357282	7376264
CH322-144I05	CHORI-322	2R	18389780	18412558
CH322-144I06	CHORI-322	X	16861699	16880324
CH322-144I07	CHORI-322	2R	1005284	1027012
CH322-144I09	CHORI-322	2L	21581479	21601887
CH322-144I10	CHORI-322	3L	634084	651473
CH322-144I13	CHORI-322	3R	20523401	20541676
CH322-144I14	CHORI-322	3R	18548462	18570873
CH322-144I15	CHORI-322	2L	17540909	17556033
CH322-144I16	CHORI-322	2R	8829063	8850052
CH322-144I17	CHORI-322	2L	1914950	1935841
CH322-144I18	CHORI-322	3R	11510920	11530184
CH322-144I19	CHORI-322	2L	969440	989643
CH322-144I20	CHORI-322	2L	20226479	20245767
CH322-144I21	CHORI-322	3R	23103750	23122306
CH322-144I22	CHORI-322	2RHet	3050006	3067336
CH322-144I23	CHORI-322	2R	9020939	9038433
CH322-144J01	CHORI-322	3R	1317394	1337351
CH322-144J03	CHORI-322	2L	14873063	14892722
CH322-144J04	CHORI-322	3R	15806133	15825712
CH322-144J05	CHORI-322	X	18230595	18252998
CH322-144J06	CHORI-322	3R	15812051	15831962
CH322-144J07	CHORI-322	3L	19193461	19212936
CH322-144J08	CHORI-322	3L	18691225	18708037
CH322-144J09	CHORI-322	2L	16196958	16216730
CH322-144J10	CHORI-322	3R	16588725	16609109
CH322-144J12	CHORI-322	X	3789706	3811574
CH322-144J13	CHORI-322	2L	18973110	18993171
CH322-144J14	CHORI-322	2L	1385075	1405170
CH322-144J15	CHORI-322	2L	9970980	9988668
CH322-144J16	CHORI-322	2L	21187729	21208027
CH322-144J17	CHORI-322	2L	22560790	22583539
CH322-144J18	CHORI-322	X	9386182	9403953
CH322-144J19	CHORI-322	3R	24168072	24185690
CH322-144J20	CHORI-322	3L	13509567	13529908
CH322-144J21	CHORI-322	2L	2181640	2203065
CH322-144J23	CHORI-322	2R	15680454	15702114
CH322-144J24	CHORI-322	3R	4628462	4649739
CH322-144K01	CHORI-322	3L	7276555	7298695
CH322-144K02	CHORI-322	X	12128631	12148661
CH322-144K06	CHORI-322	3R	1808989	1827897
CH322-144K07	CHORI-322	2L	3380758	3399663
CH322-144K08	CHORI-322	3R	24439942	24460675
CH322-144K09	CHORI-322	3L	3760223	3783162
CH322-144K10	CHORI-322	3L	18665247	18685375
CH322-144K11	CHORI-322	3L	18873960	18894495
CH322-144K14	CHORI-322	2L	14158659	14181408
CH322-144K16	CHORI-322	3L	12968243	12989402
CH322-144K17	CHORI-322	3L	20583155	20600625
CH322-144K18	CHORI-322	3R	2793424	2813531
CH322-144K19	CHORI-322	3R	11547652	11566508
CH322-144K20	CHORI-322	2R	16485626	16507166
CH322-144K21	CHORI-322	2L	9555190	9574225
CH322-144K23	CHORI-322	2R	4612516	4635116

CH322-144K24	CHORI-322	2L	1586208	1607670
CH322-144L01	CHORI-322	3R	5262367	5282408
CH322-144L02	CHORI-322	2R	13889676	13907250
CH322-144L03	CHORI-322	2L	12173262	12192653
CH322-144L04	CHORI-322	2L	12815042	12836204
CH322-144L06	CHORI-322	3R	14934555	14955141
CH322-144L07	CHORI-322	3R	1063998	1085487
CH322-144L08	CHORI-322	3L	19471863	19492512
CH322-144L09	CHORI-322	3L	18923709	18941598
CH322-144L10	CHORI-322	2R	2439231	2459577
CH322-144L11	CHORI-322	3R	12826800	12845444
CH322-144L12	CHORI-322	X	18842472	18862706
CH322-144L13	CHORI-322	2R	5361835	5382446
CH322-144L15	CHORI-322	3R	20507866	20527008
CH322-144L17	CHORI-322	2L	12375886	12393869
CH322-144L18	CHORI-322	2R	11954915	11976749
CH322-144L19	CHORI-322	2R	12847722	12870326
CH322-144L20	CHORI-322	3R	11955683	11974374
CH322-144L21	CHORI-322	3L	14264410	14283248
CH322-144L23	CHORI-322	3L	15570417	15589327
CH322-144M01	CHORI-322	3L	21512673	21533468
CH322-144M02	CHORI-322	3R	24706106	24727001
CH322-144M06	CHORI-322	2R	1766255	1788027
CH322-144M07	CHORI-322	3R	25088455	25111924
CH322-144M08	CHORI-322	2L	4623606	4643425
CH322-144M09	CHORI-322	X	5806474	5827157
CH322-144M10	CHORI-322	3R	19060269	19079761
CH322-144M11	CHORI-322	2L	16709961	16731629
CH322-144M12	CHORI-322	2L	8225217	8247381
CH322-144M13	CHORI-322	3L	874173	896393
CH322-144M14	CHORI-322	3R	15947760	15965009
CH322-144M15	CHORI-322	X	19044033	19064723
CH322-144M16	CHORI-322	X	12724823	12748144
CH322-144M17	CHORI-322	3L	7345433	7363463
CH322-144M18	CHORI-322	2L	14566915	14587985
CH322-144M19	CHORI-322	2R	14866660	14884740
CH322-144M20	CHORI-322	3R	19699545	19720294
CH322-144M21	CHORI-322	3L	6908847	6929698
CH322-144M22	CHORI-322	2L	16687596	16709993
CH322-144M23	CHORI-322	3R	18707991	18729429
CH322-144M24	CHORI-322	2R	16162002	16182633
CH322-144N01	CHORI-322	X	15124949	15145183
CH322-144N02	CHORI-322	2R	4027772	4047285
CH322-144N03	CHORI-322	3L	17159664	17180931
CH322-144N04	CHORI-322	3R	22236387	22258041
CH322-144N06	CHORI-322	3L	4928029	4950776
CH322-144N08	CHORI-322	2R	4316024	4334120
CH322-144N09	CHORI-322	3L	12056692	12077756
CH322-144N10	CHORI-322	X	2848964	2868379
CH322-144N11	CHORI-322	3R	3195886	3217483
CH322-144N12	CHORI-322	X	10941792	10964027
CH322-144N13	CHORI-322	X	14291476	14310889
CH322-144N14	CHORI-322	2R	4907636	4929634
CH322-144N15	CHORI-322	2R	3385440	3405996

CH322-144N16	CHORI-322	X	5857030	5878559
CH322-144N18	CHORI-322	3R	19313820	19336457
CH322-144N19	CHORI-322	3L	21151650	21172210
CH322-144N20	CHORI-322	3L	287733	307223
CH322-144N21	CHORI-322	3L	20267895	20289988
CH322-144N24	CHORI-322	3R	4584243	4606331
CH322-144O01	CHORI-322	3L	17330355	17349705
CH322-144O03	CHORI-322	3R	2504734	2524968
CH322-144O04	CHORI-322	2R	20317711	20340066
CH322-144O05	CHORI-322	2R	19596360	19616977
CH322-144O06	CHORI-322	3R	18647894	18666278
CH322-144O07	CHORI-322	2L	5935220	5954369
CH322-144O09	CHORI-322	3R	7396801	7414122
CH322-144O10	CHORI-322	3L	19560902	19581344
CH322-144O11	CHORI-322	3R	4962238	4984929
CH322-144O12	CHORI-322	3R	19360117	19380219
CH322-144O13	CHORI-322	X	14461263	14482418
CH322-144O14	CHORI-322	3R	4404272	4423917
CH322-144O15	CHORI-322	3L	19230534	19247383
CH322-144O16	CHORI-322	2R	19193026	19210661
CH322-144O17	CHORI-322	X	21863361	21883660
CH322-144O18	CHORI-322	3L	12757036	12779783
CH322-144O20	CHORI-322	3R	11027085	11048604
CH322-144O21	CHORI-322	3LHet	2213121	2231819
CH322-144O22	CHORI-322	3L	19348530	19367508
CH322-144O23	CHORI-322	3L	19915488	19935546
CH322-144P01	CHORI-322	2L	7794299	7815102
CH322-144P02	CHORI-322	3R	14630484	14652334
CH322-144P03	CHORI-322	X	4634097	4653351
CH322-144P04	CHORI-322	2L	13188160	13211730
CH322-144P05	CHORI-322	3R	24997681	25018552
CH322-144P09	CHORI-322	3R	17923864	17940710
CH322-144P10	CHORI-322	3L	17759903	17778914
CH322-144P12	CHORI-322	2R	19516211	19537310
CH322-144P13	CHORI-322	3R	6906977	6923833
CH322-144P15	CHORI-322	3R	9740435	9760538
CH322-144P16	CHORI-322	3L	8067875	8088090
CH322-144P17	CHORI-322	2R	6023369	6044475
CH322-144P18	CHORI-322	X	18108149	18127273
CH322-144P19	CHORI-322	X	4973067	4994678
CH322-144P20	CHORI-322	3L	3684775	3706851
CH322-144P22	CHORI-322	3L	22755845	22776168
CH322-144P23	CHORI-322	2R	10880582	10903172
CH322-144P24	CHORI-322	2R	11666528	11686313
CH322-145A01	CHORI-322	3L	3846645	3867471
CH322-145A02	CHORI-322	X	18986250	19004930
CH322-145A03	CHORI-322	2R	1813458	1832763
CH322-145A04	CHORI-322	2R	7204325	7225431
CH322-145A05	CHORI-322	3L	16953105	16973017
CH322-145A06	CHORI-322	3R	17503912	17522812
CH322-145A07	CHORI-322	2RHet	108258	133460
CH322-145A09	CHORI-322	2L	13336014	13359808
CH322-145A12	CHORI-322	3R	16285138	16306881
CH322-145A14	CHORI-322	3R	17380377	17400465

CH322-145A16	CHORI-322	3R	16234275	16253600
CH322-145A17	CHORI-322	3L	4490701	4512346
CH322-145A19	CHORI-322	2R	2819870	2840630
CH322-145A20	CHORI-322	3R	12324037	12344557
CH322-145A21	CHORI-322	2R	2403646	2426951
CH322-145A22	CHORI-322	3L	9479986	9499443
CH322-145A23	CHORI-322	3L	13062170	13082590
CH322-145B01	CHORI-322	3L	2702660	2720270
CH322-145B02	CHORI-322	2R	19184375	19203463
CH322-145B03	CHORI-322	3L	21029067	21050617
CH322-145B04	CHORI-322	3L	18515747	18534114
CH322-145B05	CHORI-322	3R	16696960	16716672
CH322-145B06	CHORI-322	3R	27667775	27686872
CH322-145B07	CHORI-322	4	161001	180011
CH322-145B09	CHORI-322	2L	9508576	9531201
CH322-145B10	CHORI-322	3R	2629547	2649901
CH322-145B11	CHORI-322	3R	26116947	26136833
CH322-145B13	CHORI-322	X	3917990	3940417
CH322-145B16	CHORI-322	2L	8276440	8298226
CH322-145B17	CHORI-322	X	8585216	8606088
CH322-145B18	CHORI-322	3R	4624497	4643567
CH322-145B19	CHORI-322	2L	17835145	17853669
CH322-145B21	CHORI-322	3R	7311621	7335171
CH322-145B22	CHORI-322	X	12147101	12169191
CH322-145B23	CHORI-322	2R	13226664	13247070
CH322-145B24	CHORI-322	2R	11097990	11118815
CH322-145C01	CHORI-322	2R	12353210	12372961
CH322-145C02	CHORI-322	2L	9066247	9086869
CH322-145C04	CHORI-322	2R	1799126	1821012
CH322-145C06	CHORI-322	3R	27246718	27268381
CH322-145C08	CHORI-322	2R	19793841	19813623
CH322-145C09	CHORI-322	X	18907146	18929236
CH322-145C10	CHORI-322	2R	3074821	3096766
CH322-145C11	CHORI-322	3L	12002870	12025811
CH322-145C14	CHORI-322	3R	11137618	11159889
CH322-145C15	CHORI-322	3L	10678258	10698933
CH322-145C16	CHORI-322	3R	4799293	4822473
CH322-145C17	CHORI-322	3L	18547116	18568925
CH322-145C18	CHORI-322	2L	15930994	15950984
CH322-145C19	CHORI-322	2R	18316726	18337284
CH322-145C22	CHORI-322	2L	14113093	14132265
CH322-145C23	CHORI-322	2L	9803607	9825625
CH322-145D01	CHORI-322	2R	13097407	13116705
CH322-145D02	CHORI-322	X	19100169	19119814
CH322-145D03	CHORI-322	2R	7998007	8021794
CH322-145D05	CHORI-322	2L	6100598	6119778
CH322-145D06	CHORI-322	3R	14227674	14250234
CH322-145D07	CHORI-322	3L	23208627	23228944
CH322-145D09	CHORI-322	2R	5264489	5286087
CH322-145D11	CHORI-322	3L	4743022	4765333
CH322-145D12	CHORI-322	3R	25254652	25276260
CH322-145D14	CHORI-322	2L	14393239	14415415
CH322-145D15	CHORI-322	3L	19276133	19295260
CH322-145D16	CHORI-322	2R	16019576	16039333

CH322-145D18	CHORI-322	2L	20264905	20287128
CH322-145D24	CHORI-322	3R	26481207	26501052
CH322-145E03	CHORI-322	3R	26756243	26776883
CH322-145E05	CHORI-322	X	7913327	7933451
CH322-145E07	CHORI-322	3L	310288	330678
CH322-145E09	CHORI-322	3R	16559083	16580066
CH322-145E11	CHORI-322	2R	16681827	16703299
CH322-145E13	CHORI-322	3R	726608	745495
CH322-145E15	CHORI-322	3R	3588848	3608189
CH322-145E19	CHORI-322	3L	280619	299498
CH322-145E23	CHORI-322	X	19100677	19120578
CH322-145F01	CHORI-322	4	715023	737590
CH322-145F05	CHORI-322	3L	12077572	12098904
CH322-145F07	CHORI-322	3L	9895838	9916940
CH322-145F09	CHORI-322	X	20702104	20722655
CH322-145F15	CHORI-322	3R	8586254	8605103
CH322-145F17	CHORI-322	3L	16476253	16495803
CH322-145F19	CHORI-322	3R	18565930	18589135
CH322-145G01	CHORI-322	X	724965	745151
CH322-145G02	CHORI-322	2R	3051259	3072346
CH322-145G04	CHORI-322	2R	20655018	20677477
CH322-145G05	CHORI-322	2R	11768216	11791369
CH322-145G07	CHORI-322	3R	21824853	21847458
CH322-145G08	CHORI-322	X	9063788	9087632
CH322-145G09	CHORI-322	2L	7230471	7251800
CH322-145G10	CHORI-322	2R	19403367	19422669
CH322-145G13	CHORI-322	3R	18629944	18652213
CH322-145G14	CHORI-322	2L	21612783	21633156
CH322-145G15	CHORI-322	2L	311193	331170
CH322-145G16	CHORI-322	3R	6711772	6732655
CH322-145G17	CHORI-322	2RHet	2415440	2439762
CH322-145G18	CHORI-322	3R	27311819	27332820
CH322-145G19	CHORI-322	3R	8359438	8381682
CH322-145G20	CHORI-322	3L	2253301	2276991
CH322-145G21	CHORI-322	3R	10652992	10672371
CH322-145G22	CHORI-322	2L	16272632	16293564
CH322-145H03	CHORI-322	2R	15349330	15368830
CH322-145H04	CHORI-322	3L	3955066	3975340
CH322-145H05	CHORI-322	2R	19710774	19730540
CH322-145H07	CHORI-322	3R	16213201	16232694
CH322-145H08	CHORI-322	2L	7794047	7814233
CH322-145H10	CHORI-322	3R	23924902	23947228
CH322-145H12	CHORI-322	2L	8863137	8883331
CH322-145H13	CHORI-322	3L	3966855	3986597
CH322-145H14	CHORI-322	X	2021789	2039242
CH322-145H15	CHORI-322	2L	18775438	18794715
CH322-145H16	CHORI-322	3L	17911527	17928110
CH322-145H21	CHORI-322	3L	7996348	8015749
CH322-145H22	CHORI-322	X	16421124	16443948
CH322-145I01	CHORI-322	2L	2926295	2946322
CH322-145I03	CHORI-322	2RHet	1868255	1887998
CH322-145I05	CHORI-322	2R	12768900	12790280
CH322-145I06	CHORI-322	2L	5521854	5541481
CH322-145I07	CHORI-322	3L	14225500	14244054

CH322-145I08	CHORI-322	3L	12800269	12820526
CH322-145I09	CHORI-322	3L	22473032	22493206
CH322-145I11	CHORI-322	X	2648854	2671452
CH322-145I12	CHORI-322	3R	10967697	10986551
CH322-145I13	CHORI-322	2L	7830801	7847926
CH322-145I15	CHORI-322	3R	27006049	27027030
CH322-145I16	CHORI-322	3R	24394426	24416724
CH322-145I18	CHORI-322	2L	17738514	17757378
CH322-145I22	CHORI-322	3L	1875654	1897382
CH322-145J01	CHORI-322	3R	3850186	3870197
CH322-145J02	CHORI-322	3L	12463605	12483735
CH322-145J04	CHORI-322	3R	17787369	17808019
CH322-145J05	CHORI-322	X	11866660	11886373
CH322-145J07	CHORI-322	3R	17057912	17080565
CH322-145J09	CHORI-322	2R	7965001	7985587
CH322-145J11	CHORI-322	2L	9056405	9077323
CH322-145J13	CHORI-322	3R	9153018	9169826
CH322-145J14	CHORI-322	2R	6077803	6098278
CH322-145J15	CHORI-322	2L	21106805	21127879
CH322-145J16	CHORI-322	3R	9371998	9394176
CH322-145J18	CHORI-322	2L	22226399	22249036
CH322-145J20	CHORI-322	2R	19249093	19272156
CH322-145J21	CHORI-322	3R	8033025	8052548
CH322-145K01	CHORI-322	2R	11769399	11792250
CH322-145K02	CHORI-322	4	408152	431432
CH322-145K03	CHORI-322	2L	9970780	9990802
CH322-145K04	CHORI-322	3L	19805902	19826243
CH322-145K05	CHORI-322	2R	3922404	3942868
CH322-145K07	CHORI-322	ArmU	668568	688125
CH322-145K09	CHORI-322	2L	9938494	9959676
CH322-145K10	CHORI-322	3L	10233696	10252394
CH322-145K11	CHORI-322	2L	18632995	18652755
CH322-145K13	CHORI-322	3R	22416075	22435766
CH322-145K14	CHORI-322	2L	20766058	20785855
CH322-145K15	CHORI-322	2L	20943341	20963061
CH322-145K16	CHORI-322	2L	12979723	13001629
CH322-145K17	CHORI-322	X	22313906	22333179
CH322-145K18	CHORI-322	3R	8006108	8028454
CH322-145K20	CHORI-322	2R	5497977	5521316
CH322-145K21	CHORI-322	2R	12681116	12702075
CH322-145L01	CHORI-322	3R	4213825	4233145
CH322-145L02	CHORI-322	2R	14149430	14168289
CH322-145L03	CHORI-322	2L	3308131	3327090
CH322-145L04	CHORI-322	2R	19030609	19049334
CH322-145L06	CHORI-322	2L	14766102	14784779
CH322-145L07	CHORI-322	2L	3833883	3854684
CH322-145L08	CHORI-322	2R	12836911	12856839
CH322-145L09	CHORI-322	2L	4343583	4365147
CH322-145L10	CHORI-322	X	16699067	16719456
CH322-145L11	CHORI-322	3L	15662722	15684731
CH322-145L12	CHORI-322	2R	14894502	14917091
CH322-145L15	CHORI-322	2R	5703121	5724055
CH322-145L16	CHORI-322	3L	12327687	12349063
CH322-145L17	CHORI-322	2R	6909055	6933195

CH322-145L19	CHORI-322	3R	19343952	19360858
CH322-145L20	CHORI-322	2R	17235516	17253634
CH322-145L21	CHORI-322	2L	3952419	3973507
CH322-145L23	CHORI-322	2R	15824569	15844084
CH322-145M01	CHORI-322	3R	6200849	6221862
CH322-145M02	CHORI-322	3R	21564890	21586580
CH322-145M03	CHORI-322	3L	22786085	22805299
CH322-145M04	CHORI-322	3R	10029046	10052544
CH322-145M05	CHORI-322	3L	5069978	5088534
CH322-145M06	CHORI-322	3L	17888513	17909442
CH322-145M08	CHORI-322	3R	16663650	16686681
CH322-145M09	CHORI-322	3L	12932026	12951319
CH322-145M10	CHORI-322	2L	8271330	8290523
CH322-145M11	CHORI-322	3L	3174882	3194705
CH322-145M12	CHORI-322	3L	4532646	4553171
CH322-145M13	CHORI-322	2R	10707258	10726938
CH322-145M14	CHORI-322	2R	12032299	12052093
CH322-145M15	CHORI-322	3RHet	599550	621942
CH322-145M17	CHORI-322	3R	26900890	26922202
CH322-145M18	CHORI-322	3R	12358489	12377482
CH322-145M19	CHORI-322	3R	2273342	2294590
CH322-145M20	CHORI-322	3L	2543019	2563218
CH322-145M21	CHORI-322	2L	1308534	1328177
CH322-145M22	CHORI-322	3R	19769992	19790545
CH322-145M23	CHORI-322	2R	6258724	6277567
CH322-145N01	CHORI-322	2L	20230574	20249707
CH322-145N02	CHORI-322	3R	572841	594358
CH322-145N03	CHORI-322	2L	11140759	11159150
CH322-145N05	CHORI-322	X	19899280	19923833
CH322-145N06	CHORI-322	2R	13240605	13261306
CH322-145N08	CHORI-322	2L	5775563	5796343
CH322-145N10	CHORI-322	3R	27122024	27146296
CH322-145N11	CHORI-322	2L	17535855	17554666
CH322-145N12	CHORI-322	2R	17292215	17315869
CH322-145N13	CHORI-322	2L	22252980	22272929
CH322-145N14	CHORI-322	2L	15003803	15022518
CH322-145N15	CHORI-322	3L	10120987	10141097
CH322-145N16	CHORI-322	X	6931016	6954798
CH322-145N17	CHORI-322	XHet	47908 67387	
CH322-145N19	CHORI-322	2L	15827112	15846940
CH322-145N20	CHORI-322	2L	9965426	9988536
CH322-145N21	CHORI-322	3L	12848092	12868146
CH322-145N22	CHORI-322	2R	9947102	9966454
CH322-145O01	CHORI-322	3R	11758982	11780576
CH322-145O03	CHORI-322	X	6802976	6821127
CH322-145O07	CHORI-322	2R	13033469	13053296
CH322-145O09	CHORI-322	2R	1341399	1359465
CH322-145O10	CHORI-322	3L	13487414	13506751
CH322-145O11	CHORI-322	3L	14341463	14359987
CH322-145O12	CHORI-322	X	9643451	9664557
CH322-145O14	CHORI-322	2L	2675950	2696346
CH322-145O15	CHORI-322	X	2913408	2936003
CH322-145O16	CHORI-322	2R	10600192	10621034
CH322-145O17	CHORI-322	2R	13520924	13541220

CH322-145O18	CHORI-322	3L	22559612	22581083
CH322-145O19	CHORI-322	3L	6817426	6838135
CH322-145O20	CHORI-322	2R	20519518	20540279
CH322-145O22	CHORI-322	2L	19452022	19472741
CH322-145O23	CHORI-322	3L	4300269	4319024
CH322-145O24	CHORI-322	X	6342611	6364494
CH322-145P01	CHORI-322	X	12616722	12637885
CH322-145P02	CHORI-322	3R	18306556	18327888
CH322-145P04	CHORI-322	3R	14508164	14530313
CH322-145P05	CHORI-322	3R	4628898	4650771
CH322-145P06	CHORI-322	3R	19230651	19248545
CH322-145P07	CHORI-322	2L	32454 53396	
CH322-145P08	CHORI-322	X	2250271	2270030
CH322-145P09	CHORI-322	X	11421446	11440373
CH322-145P10	CHORI-322	2L	4062214	4083990
CH322-145P11	CHORI-322	3L	13030667	13052478
CH322-145P13	CHORI-322	X	3031224	3051074
CH322-145P14	CHORI-322	2R	9645289	9666352
CH322-145P17	CHORI-322	3L	17946071	17967367
CH322-145P20	CHORI-322	2L	7240453	7263534
CH322-145P24	CHORI-322	2L	5474854	5495387
CH322-146A01	CHORI-322	2R	578319	598583
CH322-146A07	CHORI-322	2L	15383772	15403102
CH322-146A08	CHORI-322	3R	16022992	16041700
CH322-146A09	CHORI-322	X	20850717	20870727
CH322-146A10	CHORI-322	X	12760347	12782857
CH322-146A12	CHORI-322	3L	1691880	1711807
CH322-146A13	CHORI-322	3R	26163034	26181079
CH322-146A14	CHORI-322	2RHet	460932	483519
CH322-146A15	CHORI-322	X	9128483	9147220
CH322-146A17	CHORI-322	3R	27255701	27276430
CH322-146A18	CHORI-322	3L	24050233	24071945
CH322-146A19	CHORI-322	2L	13249011	13268599
CH322-146A21	CHORI-322	3LHet	270300	293290
CH322-146A22	CHORI-322	X	6033411	6054859
CH322-146A23	CHORI-322	3L	8182560	8206235
CH322-146B02	CHORI-322	3L	1678025	1700142
CH322-146B04	CHORI-322	2L	17541611	17564436
CH322-146B07	CHORI-322	2L	8537085	8556631
CH322-146B08	CHORI-322	2R	15050829	15071289
CH322-146B09	CHORI-322	2R	2819558	2838960
CH322-146B10	CHORI-322	3R	5415876	5434588
CH322-146B12	CHORI-322	2L	9636112	9657148
CH322-146B15	CHORI-322	3L	17029125	17050243
CH322-146B16	CHORI-322	3R	27682181	27703752
CH322-146B17	CHORI-322	2R	7482499	7505515
CH322-146B18	CHORI-322	3R	22857986	22880327
CH322-146B19	CHORI-322	2L	3399199	3419972
CH322-146B20	CHORI-322	3L	19021688	19042962
CH322-146B24	CHORI-322	X	799395	818686
CH322-146C01	CHORI-322	X	2306172	2325670
CH322-146C02	CHORI-322	X	6592356	6613650
CH322-146C04	CHORI-322	2L	11744782	11765933
CH322-146C05	CHORI-322	2R	18970432	18990662

CH322-146C06	CHORI-322	2L	11330426	11349781
CH322-146C08	CHORI-322	2R	18342306	18366047
CH322-146C09	CHORI-322	3L	13639062	13659461
CH322-146C15	CHORI-322	X	14145418	14165936
CH322-146C16	CHORI-322	3L	19769994	19791609
CH322-146C17	CHORI-322	X	7364369	7384586
CH322-146C18	CHORI-322	2R	7622367	7639946
CH322-146C19	CHORI-322	2R	19360445	19382363
CH322-146C21	CHORI-322	2R	18830614	18852886
CH322-146C23	CHORI-322	2L	20574332	20596217
CH322-146C24	CHORI-322	3L	4271998	4292931
CH322-146D01	CHORI-322	2L	20616660	20636418
CH322-146D02	CHORI-322	2R	8449870	8469990
CH322-146D03	CHORI-322	2L	2041710	2061696
CH322-146D06	CHORI-322	3L	14066840	14087853
CH322-146D09	CHORI-322	3L	15019525	15037961
CH322-146D10	CHORI-322	3R	8903063	8923522
CH322-146D11	CHORI-322	ArmU	29302 47910	
CH322-146D14	CHORI-322	X	2879402	2899667
CH322-146D15	CHORI-322	X	11336607	11358604
CH322-146D16	CHORI-322	3R	15813285	15834081
CH322-146D18	CHORI-322	3R	18119978	18140514
CH322-146D19	CHORI-322	3L	18483380	18501342
CH322-146D20	CHORI-322	2RHet	3210826	3232155
CH322-146D22	CHORI-322	3R	1825498	1844618
CH322-146D23	CHORI-322	3R	25936033	25957246
CH322-146D24	CHORI-322	2L	15650335	15671892
CH322-146E03	CHORI-322	X	835824	856427
CH322-146E04	CHORI-322	2L	21210094	21230974
CH322-146E05	CHORI-322	2L	21119901	21140437
CH322-146E06	CHORI-322	2L	4665414	4685300
CH322-146E08	CHORI-322	3L	3580710	3598369
CH322-146E09	CHORI-322	3R	16340512	16362221
CH322-146E10	CHORI-322	X	13373386	13393192
CH322-146E13	CHORI-322	ArmU	202412	220182
CH322-146E14	CHORI-322	3L	4693787	4713018
CH322-146E16	CHORI-322	2L	11291671	11312879
CH322-146E18	CHORI-322	3L	22150326	22172453
CH322-146E19	CHORI-322	3L	7070711	7088453
CH322-146E20	CHORI-322	3L	6496790	6519438
CH322-146E21	CHORI-322	3L	11543229	11563786
CH322-146E22	CHORI-322	2L	5031195	5052216
CH322-146E23	CHORI-322	2L	4807078	4826928
CH322-146F01	CHORI-322	2R	8937380	8957749
CH322-146F02	CHORI-322	3R	17262458	17283735
CH322-146F03	CHORI-322	2R	3251128	3272429
CH322-146F04	CHORI-322	3R	24758336	24779281
CH322-146F06	CHORI-322	X	20158518	20181905
CH322-146F07	CHORI-322	3R	9638479	9658944
CH322-146F08	CHORI-322	3R	25359373	25379768
CH322-146F09	CHORI-322	3L	8245892	8267987
CH322-146F10	CHORI-322	3L	19858232	19878995
CH322-146F11	CHORI-322	2L	10735777	10756990
CH322-146F12	CHORI-322	2L	1367979	1387440

CH322-146F14	CHORI-322	3R	22614242	22635997
CH322-146F15	CHORI-322	3L	301636	322525
CH322-146F16	CHORI-322	3R	4722292	4744537
CH322-146F17	CHORI-322	3L	7093243	7112126
CH322-146F18	CHORI-322	3R	27536554	27560125
CH322-146F20	CHORI-322	2R	255435	277691
CH322-146F21	CHORI-322	3R	14573090	14597255
CH322-146F22	CHORI-322	3L	11520811	11540181
CH322-146F24	CHORI-322	3L	17406001	17427847
CH322-146G02	CHORI-322	3L	13179438	13200024
CH322-146G03	CHORI-322	3L	14369202	14389682
CH322-146G04	CHORI-322	3R	23865545	23886344
CH322-146G06	CHORI-322	2R	2827276	2847090
CH322-146G07	CHORI-322	3R	3984671	4005975
CH322-146G08	CHORI-322	3L	11429722	11448786
CH322-146G09	CHORI-322	3L	4926071	4947131
CH322-146G10	CHORI-322	2L	14527784	14545838
CH322-146G12	CHORI-322	3R	15509269	15532347
CH322-146G14	CHORI-322	3L	19415760	19437704
CH322-146G15	CHORI-322	3R	1334371	1357602
CH322-146G21	CHORI-322	2L	16314465	16336854
CH322-146G22	CHORI-322	X	21002450	21023903
CH322-146G23	CHORI-322	3L	14672240	14691837
CH322-146G24	CHORI-322	2R	17279581	17299107
CH322-146H01	CHORI-322	2R	16143432	16163680
CH322-146H05	CHORI-322	3L	13415104	13433232
CH322-146H06	CHORI-322	3R	26553471	26574519
CH322-146H07	CHORI-322	3LHet	1221037	1239034
CH322-146H08	CHORI-322	3L	6433033	6453856
CH322-146H11	CHORI-322	3L	9797354	9815352
CH322-146H13	CHORI-322	X	7469232	7488118
CH322-146H15	CHORI-322	2L	3394886	3415362
CH322-146H16	CHORI-322	2R	2701452	2723481
CH322-146H17	CHORI-322	2R	20596942	20616801
CH322-146H18	CHORI-322	2L	5919981	5943057
CH322-146H19	CHORI-322	2R	4288113	4305901
CH322-146H20	CHORI-322	X	6061863	6081650
CH322-146H22	CHORI-322	3L	1057912	1078993
CH322-146H23	CHORI-322	3R	715671	735364
CH322-146H24	CHORI-322	2R	2129748	2148527
CH322-146I02	CHORI-322	2L	5724333	5745281
CH322-146I03	CHORI-322	3L	14543760	14565911
CH322-146I05	CHORI-322	3L	124561	144344
CH322-146I06	CHORI-322	2R	14793213	14812947
CH322-146I07	CHORI-322	X	18192411	18211514
CH322-146I08	CHORI-322	2R	17649926	17669421
CH322-146I10	CHORI-322	2L	12981889	13003200
CH322-146I11	CHORI-322	3R	15402212	15423919
CH322-146I12	CHORI-322	3L	2681604	2702663
CH322-146I14	CHORI-322	2L	3490973	3510759
CH322-146I16	CHORI-322	3R	22307839	22327897
CH322-146I17	CHORI-322	3R	22774688	22793304
CH322-146I18	CHORI-322	3L	1447171	1466729
CH322-146I19	CHORI-322	2R	2599115	2619780

CH322-146I22	CHORI-322	3L	4598791	4619343
CH322-146I24	CHORI-322	3L	17088070	17108569
CH322-146J01	CHORI-322	3L	18937871	18957611
CH322-146J02	CHORI-322	3R	5908431	5931482
CH322-146J03	CHORI-322	3R	22461493	22482222
CH322-146J04	CHORI-322	2L	1832058	1852089
CH322-146J05	CHORI-322	2R	5130916	5150769
CH322-146J06	CHORI-322	3L	10794934	10816276
CH322-146J09	CHORI-322	X	18447586	18468300
CH322-146J10	CHORI-322	3R	18670904	18692890
CH322-146J11	CHORI-322	2L	12610892	12631182
CH322-146J12	CHORI-322	3R	8698440	8718417
CH322-146J14	CHORI-322	2R	10983358	11004815
CH322-146J16	CHORI-322	2L	653259	674038
CH322-146J17	CHORI-322	3L	10446088	10463963
CH322-146J18	CHORI-322	3R	14027583	14047125
CH322-146J19	CHORI-322	2R	8379395	8401747
CH322-146J20	CHORI-322	3L	4041670	4062473
CH322-146J21	CHORI-322	2R	9892956	9916329
CH322-146J22	CHORI-322	3L	1356287	1380153
CH322-146J24	CHORI-322	2R	12354552	12376373
CH322-146K02	CHORI-322	2R	4301869	4321257
CH322-146K03	CHORI-322	3L	23390430	23411653
CH322-146K05	CHORI-322	2R	18019561	18039716
CH322-146K06	CHORI-322	2R	13171893	13191855
CH322-146K07	CHORI-322	2L	4033149	4055259
CH322-146K11	CHORI-322	3R	12397589	12418129
CH322-146K13	CHORI-322	2R	10997429	11019647
CH322-146K14	CHORI-322	2L	13230699	13253064
CH322-146K15	CHORI-322	2L	6682560	6704148
CH322-146K16	CHORI-322	X	16719103	16740380
CH322-146K17	CHORI-322	2R	886073	906736
CH322-146K18	CHORI-322	2L	17138341	17159237
CH322-146K19	CHORI-322	3L	2452621	2475128
CH322-146K23	CHORI-322	3L	18802597	18822928
CH322-146K24	CHORI-322	2L	14278316	14297539
CH322-146L01	CHORI-322	2L	21014078	21032268
CH322-146L02	CHORI-322	3L	17703591	17722636
CH322-146L05	CHORI-322	2L	10817889	10837115
CH322-146L06	CHORI-322	2R	15675401	15695227
CH322-146L07	CHORI-322	2R	19860476	19881794
CH322-146L10	CHORI-322	3L	14176679	14195911
CH322-146L12	CHORI-322	2R	4999425	5020076
CH322-146L13	CHORI-322	3L	5413760	5430950
CH322-146L14	CHORI-322	3R	27445878	27466751
CH322-146L16	CHORI-322	3R	16232852	16253769
CH322-146L19	CHORI-322	3L	18136798	18155887
CH322-146L20	CHORI-322	3L	6459601	6478814
CH322-146L21	CHORI-322	3L	7630961	7655093
CH322-146L22	CHORI-322	3R	12638054	12658118
CH322-146L24	CHORI-322	X	17370402	17390132
CH322-146M02	CHORI-322	3R	21992849	22012807
CH322-146M03	CHORI-322	3L	13608217	13626379
CH322-146M04	CHORI-322	X	1116395	1136148

CH322-146M05	CHORI-322	3L	9535775	9554788
CH322-146M12	CHORI-322	X	17725759	17747224
CH322-146M14	CHORI-322	2R	15918342	15937688
CH322-146M15	CHORI-322	3R	21248768	21268090
CH322-146M17	CHORI-322	2R	9776339	9798261
CH322-146M18	CHORI-322	2L	10184997	10207644
CH322-146M19	CHORI-322	3R	20425467	20444922
CH322-146M20	CHORI-322	3R	8992359	9011452
CH322-146M21	CHORI-322	X	10897264	10915533
CH322-146M22	CHORI-322	3L	11294894	11317237
CH322-146M23	CHORI-322	3R	6834337	6856717
CH322-146M24	CHORI-322	X	1279409	1301923
CH322-146N01	CHORI-322	3R	5631933	5652972
CH322-146N02	CHORI-322	2L	18772321	18794715
CH322-146N03	CHORI-322	3R	11961853	11981187
CH322-146N04	CHORI-322	2L	11921550	11941628
CH322-146N06	CHORI-322	X	2527297	2547094
CH322-146N08	CHORI-322	3L	19407269	19426691
CH322-146N09	CHORI-322	3L	23745906	23766467
CH322-146N10	CHORI-322	3L	20755023	20776111
CH322-146N13	CHORI-322	3R	4610447	4629773
CH322-146N14	CHORI-322	3R	20817638	20840762
CH322-146N15	CHORI-322	X	1534078	1555497
CH322-146N16	CHORI-322	2L	197870	221328
CH322-146N17	CHORI-322	2L	16333616	16354995
CH322-146N18	CHORI-322	2L	19220124	19240466
CH322-146N20	CHORI-322	3R	24261902	24283757
CH322-146N21	CHORI-322	3L	18014971	18036318
CH322-146N24	CHORI-322	2L	10100459	10123816
CH322-146O01	CHORI-322	3R	14886146	14907012
CH322-146O04	CHORI-322	3L	11925790	11947178
CH322-146O05	CHORI-322	2R	13597366	13618455
CH322-146O06	CHORI-322	2L	1705427	1724592
CH322-146O08	CHORI-322	3L	22812336	22835128
CH322-146O09	CHORI-322	3R	6137105	6159329
CH322-146O10	CHORI-322	2R	4259662	4280484
CH322-146O11	CHORI-322	3R	26133439	26153182
CH322-146O12	CHORI-322	2R	9121144	9140216
CH322-146O13	CHORI-322	X	6685608	6705397
CH322-146O14	CHORI-322	3L	1692965	1716267
CH322-146O15	CHORI-322	X	21487977	21508318
CH322-146O16	CHORI-322	3L	22325254	22346178
CH322-146O17	CHORI-322	3L	15673876	15691561
CH322-146O18	CHORI-322	3R	23166641	23188096
CH322-146O19	CHORI-322	3L	21450169	21472752
CH322-146O20	CHORI-322	3L	16771615	16791592
CH322-146O21	CHORI-322	X	15885886	15906464
CH322-146O22	CHORI-322	3R	10817795	10837447
CH322-146O23	CHORI-322	3R	5820492	5841474
CH322-146O24	CHORI-322	2L	5395463	5414733
CH322-146P01	CHORI-322	2L	4285460	4307130
CH322-146P02	CHORI-322	3L	21859976	21880276
CH322-146P03	CHORI-322	2R	10984325	11005191
CH322-146P05	CHORI-322	3R	12487717	12509099

CH322-146P06	CHORI-322	2R	15278787	15298284
CH322-146P07	CHORI-322	3L	2837499	2859385
CH322-146P08	CHORI-322	3R	10727457	10747457
CH322-146P09	CHORI-322	3L	9661405	9682095
CH322-146P10	CHORI-322	3L	7926014	7943478
CH322-146P11	CHORI-322	3R	18964680	18985985
CH322-146P15	CHORI-322	3R	2268885	2291170
CH322-146P16	CHORI-322	3L	18650249	18670637
CH322-146P17	CHORI-322	ArmU	1361013	1382351
CH322-146P18	CHORI-322	3R	11533868	11551944
CH322-146P19	CHORI-322	2R	19664022	19686968
CH322-146P21	CHORI-322	X	2563275	2582691
CH322-146P23	CHORI-322	2R	12249296	12269922
CH322-146P24	CHORI-322	2R	16988396	17009520
CH322-147A01	CHORI-322	X	3593495	3614295
CH322-147A02	CHORI-322	2R	5048327	5067271
CH322-147A03	CHORI-322	3L	9662684	9682458
CH322-147A04	CHORI-322	3L	7384920	7407580
CH322-147A05	CHORI-322	2L	14773944	14796557
CH322-147A06	CHORI-322	2L	13944135	13965054
CH322-147A07	CHORI-322	3L	6093823	6114897
CH322-147A08	CHORI-322	2L	6708874	6731639
CH322-147A09	CHORI-322	3L	9815900	9837321
CH322-147A10	CHORI-322	2L	14830063	14850497
CH322-147A11	CHORI-322	4	546264	567596
CH322-147A12	CHORI-322	3R	7155928	7176277
CH322-147A16	CHORI-322	3L	6064437	6085764
CH322-147A17	CHORI-322	3RHet	2181137	2200548
CH322-147A18	CHORI-322	3L	12887407	12907072
CH322-147A20	CHORI-322	2L	4660283	4678791
CH322-147A21	CHORI-322	3RHet	1703461	1720715
CH322-147A22	CHORI-322	3L	10858624	10877743
CH322-147A23	CHORI-322	2L	22854894	22874488
CH322-147A24	CHORI-322	2R	18502647	18520638
CH322-147B01	CHORI-322	3R	22251462	22274858
CH322-147B02	CHORI-322	3L	3620622	3640955
CH322-147B03	CHORI-322	2R	12178689	12198599
CH322-147B05	CHORI-322	3R	12786837	12807847
CH322-147B06	CHORI-322	2L	10369469	10390164
CH322-147B07	CHORI-322	X	11119905	11141148
CH322-147B08	CHORI-322	X	7679587	7702198
CH322-147B10	CHORI-322	2L	18455055	18475499
CH322-147B11	CHORI-322	X	2089509	2109104
CH322-147B12	CHORI-322	3R	26579769	26599358
CH322-147B13	CHORI-322	2R	16231736	16253549
CH322-147B14	CHORI-322	X	19126425	19145873
CH322-147B15	CHORI-322	3L	20015171	20039268
CH322-147B16	CHORI-322	X	17521202	17541723
CH322-147B17	CHORI-322	2L	3601447	3622831
CH322-147B19	CHORI-322	2R	766402	787705
CH322-147B20	CHORI-322	X	5449100	5470992
CH322-147B23	CHORI-322	3R	11621616	11645239
CH322-147C01	CHORI-322	3R	12026235	12048790
CH322-147C02	CHORI-322	2L	9622095	9644162

CH322-147C03	CHORI-322	2L	17264059	17286617
CH322-147C04	CHORI-322	2R	13941875	13963817
CH322-147C05	CHORI-322	2L	2854865	2876588
CH322-147C06	CHORI-322	2L	256664	278943
CH322-147C09	CHORI-322	2L	20603565	20626864
CH322-147C10	CHORI-322	2R	19360421	19382346
CH322-147C11	CHORI-322	2L	20793530	20813626
CH322-147C13	CHORI-322	2L	19272740	19294356
CH322-147C14	CHORI-322	X	15580923	15602948
CH322-147C15	CHORI-322	2L	11458678	11477918
CH322-147C18	CHORI-322	X	10706360	10727063
CH322-147C19	CHORI-322	3R	25162616	25182377
CH322-147C20	CHORI-322	3R	9699708	9719547
CH322-147C21	CHORI-322	X	18753573	18776221
CH322-147C22	CHORI-322	3L	21288044	21317166
CH322-147C23	CHORI-322	2R	725555	748087
CH322-147C24	CHORI-322	2R	7958787	7980274
CH322-147D01	CHORI-322	2L	17538631	17555279
CH322-147D03	CHORI-322	2L	14443361	14464866
CH322-147D06	CHORI-322	3L	23820655	23842001
CH322-147D10	CHORI-322	3LHet	2450015	2470402
CH322-147D12	CHORI-322	3R	9122875	9142335
CH322-147D14	CHORI-322	3R	3648789	3670173
CH322-147D16	CHORI-322	2RHet	153630	176719
CH322-147D17	CHORI-322	X	19462442	19484959
CH322-147D18	CHORI-322	2L	15386951	15406778
CH322-147D19	CHORI-322	X	7400870	7422441
CH322-147D21	CHORI-322	2L	9748350	9770062
CH322-147D22	CHORI-322	3L	18240551	18260577
CH322-147D23	CHORI-322	3R	8740429	8759271
CH322-147D24	CHORI-322	2R	16012946	16034055
CH322-147E02	CHORI-322	2R	6868583	6891075
CH322-147E03	CHORI-322	3R	11888175	11910095
CH322-147E04	CHORI-322	2L	21887373	21906643
CH322-147E06	CHORI-322	X	757624	780494
CH322-147E07	CHORI-322	2R	11616349	11634657
CH322-147E08	CHORI-322	2R	1699453	1722913
CH322-147E09	CHORI-322	X	21024735	21043878
CH322-147E10	CHORI-322	3R	17123629	17144518
CH322-147E11	CHORI-322	2L	17533240	17552647
CH322-147E12	CHORI-322	3R	27344500	27363106
CH322-147E13	CHORI-322	3L	971267	991811
CH322-147E14	CHORI-322	X	14138384	14157868
CH322-147E15	CHORI-322	3L	8564654	8585499
CH322-147E16	CHORI-322	2RHet	1646199	1668764
CH322-147E17	CHORI-322	3L	1079007	1099143
CH322-147E18	CHORI-322	X	22012203	22033571
CH322-147E19	CHORI-322	2R	18143203	18164862
CH322-147E20	CHORI-322	X	1706988	1728246
CH322-147E21	CHORI-322	3L	12346132	12367156
CH322-147E22	CHORI-322	2L	10749668	10770399
CH322-147E23	CHORI-322	2L	5400649	5420437
CH322-147E24	CHORI-322	2L	3126187	3147070
CH322-147F02	CHORI-322	2R	18011375	18033249

CH322-147F04	CHORI-322	2L	8336958	8359060
CH322-147F05	CHORI-322	3R	20976002	20995491
CH322-147F06	CHORI-322	2R	12471733	12491690
CH322-147F09	CHORI-322	2R	12610269	12633755
CH322-147F10	CHORI-322	2R	17719821	17740249
CH322-147F11	CHORI-322	2L	11873182	11893306
CH322-147F12	CHORI-322	2L	9100650	9120867
CH322-147F13	CHORI-322	3R	13271412	13290928
CH322-147F14	CHORI-322	3L	19210471	19230711
CH322-147F17	CHORI-322	2R	20797631	20816820
CH322-147F18	CHORI-322	2R	19782561	19801780
CH322-147F19	CHORI-322	2R	20056435	20079441
CH322-147F22	CHORI-322	2RHet	652837	672623
CH322-147F23	CHORI-322	3L	15365110	15386177
CH322-147F24	CHORI-322	3L	8831872	8852783
CH322-147G01	CHORI-322	3R	26260403	26281230
CH322-147G04	CHORI-322	2L	5895569	5919637
CH322-147G07	CHORI-322	X	19619493	19642700
CH322-147G08	CHORI-322	3R	1013777	1034696
CH322-147G11	CHORI-322	2R	13776703	13798250
CH322-147G12	CHORI-322	3L	22382604	22404020
CH322-147G13	CHORI-322	X	19153345	19173775
CH322-147G14	CHORI-322	2R	2497034	2518628
CH322-147G15	CHORI-322	2L	19286550	19307551
CH322-147G16	CHORI-322	X	9840774	9862176
CH322-147G17	CHORI-322	2L	21283839	21304386
CH322-147G18	CHORI-322	3L	5269056	5290990
CH322-147G19	CHORI-322	2R	107201	128913
CH322-147G20	CHORI-322	X	615779	638500
CH322-147G21	CHORI-322	2R	9603757	9624774
CH322-147G22	CHORI-322	3R	26820323	26841941
CH322-147G23	CHORI-322	2R	2005742	2025830
CH322-147G24	CHORI-322	2L	1032078	1052722
CH322-147H01	CHORI-322	X	19879788	19901070
CH322-147H03	CHORI-322	X	5802327	5824375
CH322-147H04	CHORI-322	2R	6371507	6392690
CH322-147H05	CHORI-322	2L	3698759	3720738
CH322-147H07	CHORI-322	3R	24064324	24085031
CH322-147H08	CHORI-322	2R	19325134	19346054
CH322-147H09	CHORI-322	3R	5986760	6005825
CH322-147H10	CHORI-322	X	17456604	17476042
CH322-147H11	CHORI-322	2L	8966303	8989311
CH322-147H12	CHORI-322	3R	15573000	15596109
CH322-147H14	CHORI-322	2L	13307401	13327708
CH322-147H15	CHORI-322	2RHet	988953	1009661
CH322-147H16	CHORI-322	3R	10888168	10906912
CH322-147H17	CHORI-322	3L	18288825	18312698
CH322-147H18	CHORI-322	X	5551209	5572622
CH322-147H19	CHORI-322	3L	14282014	14305415
CH322-147H21	CHORI-322	3R	21024634	21045309
CH322-147H22	CHORI-322	3LHet	863924	887005
CH322-147H23	CHORI-322	2R	7816627	7837620
CH322-147H24	CHORI-322	2R	1799126	1821800
CH322-147I01	CHORI-322	2L	4508056	4530318

CH322-147I03	CHORI-322	3R	2759129	2780644
CH322-147I04	CHORI-322	2L	16856129	16876088
CH322-147I06	CHORI-322	3R	9931173	9950723
CH322-147I07	CHORI-322	3L	6487574	6508250
CH322-147I08	CHORI-322	3L	15836634	15857179
CH322-147I09	CHORI-322	2R	18958869	18982412
CH322-147I10	CHORI-322	2L	8090344	8109561
CH322-147I11	CHORI-322	X	3269239	3288499
CH322-147I12	CHORI-322	2RHet	1332309	1354056
CH322-147I15	CHORI-322	X	18952900	18972310
CH322-147I17	CHORI-322	3R	12728740	12749385
CH322-147I18	CHORI-322	3R	22056474	22076455
CH322-147I19	CHORI-322	2L	287650	311196
CH322-147I20	CHORI-322	3R	5414897	5433802
CH322-147I21	CHORI-322	X	16194339	16214667
CH322-147I22	CHORI-322	2R	2035950	2058795
CH322-147J01	CHORI-322	2L	10217848	10236768
CH322-147J02	CHORI-322	2R	18597983	18621483
CH322-147J03	CHORI-322	2R	21013852	21033958
CH322-147J05	CHORI-322	3R	15804420	15825712
CH322-147J06	CHORI-322	3L	13461003	13480686
CH322-147J07	CHORI-322	X	7182240	7203241
CH322-147J08	CHORI-322	2R	16989674	17011438
CH322-147J09	CHORI-322	X	14594184	14614961
CH322-147J11	CHORI-322	X	20136268	20156433
CH322-147J12	CHORI-322	3R	13556899	13577290
CH322-147J14	CHORI-322	X	18419215	18439892
CH322-147J15	CHORI-322	2R	3734487	3755454
CH322-147J16	CHORI-322	2R	19233801	19258296
CH322-147J17	CHORI-322	2L	6708874	6731639
CH322-147J18	CHORI-322	2L	8369575	8389077
CH322-147J19	CHORI-322	X	8627800	8644861
CH322-147J20	CHORI-322	2L	15888248	15912463
CH322-147J21	CHORI-322	2R	11917147	11939441
CH322-147J22	CHORI-322	2L	1824925	1845601
CH322-147J24	CHORI-322	X	19505888	19527894
CH322-147K01	CHORI-322	3L	9654482	9675377
CH322-147K02	CHORI-322	2L	18678011	18701806
CH322-147K03	CHORI-322	3R	27070719	27090963
CH322-147K04	CHORI-322	3R	12925098	12942904
CH322-147K05	CHORI-322	3L	75485 98280	
CH322-147K06	CHORI-322	2L	3125724	3147070
CH322-147K07	CHORI-322	3R	25815356	25835078
CH322-147K08	CHORI-322	3R	4656036	4676957
CH322-147K10	CHORI-322	X	3598071	3618716
CH322-147K11	CHORI-322	3L	8843299	8864017
CH322-147K13	CHORI-322	3L	3406135	3426138
CH322-147K14	CHORI-322	3R	17523039	17544488
CH322-147K15	CHORI-322	3R	18792569	18813967
CH322-147K17	CHORI-322	2R	3072183	3094047
CH322-147K18	CHORI-322	X	3738778	3758133
CH322-147K19	CHORI-322	X	8842085	8862382
CH322-147K20	CHORI-322	2R	2895263	2914783
CH322-147K21	CHORI-322	2R	16717815	16737783

CH322-147K22	CHORI-322	2R	5765342	5785289
CH322-147K23	CHORI-322	X	9956146	9975739
CH322-147K24	CHORI-322	X	4454926	4474766
CH322-147L01	CHORI-322	2L	9044667	9064603
CH322-147L03	CHORI-322	2R	15584377	15604964
CH322-147L04	CHORI-322	2R	10464128	10487649
CH322-147L06	CHORI-322	3L	18532724	18553246
CH322-147L07	CHORI-322	X	20984444	21004482
CH322-147L09	CHORI-322	3L	2267258	2289610
CH322-147L10	CHORI-322	3R	9820264	9839129
CH322-147L11	CHORI-322	3R	23184019	23206723
CH322-147L12	CHORI-322	3L	8493631	8515300
CH322-147L13	CHORI-322	3R	16412998	16432176
CH322-147L14	CHORI-322	2R	1526862	1545738
CH322-147L15	CHORI-322	3R	15367179	15386151
CH322-147L16	CHORI-322	3L	12365426	12388259
CH322-147L18	CHORI-322	2R	5897619	5918959
CH322-147L19	CHORI-322	2R	6215232	6238364
CH322-147L21	CHORI-322	2R	4216710	4236769
CH322-147L23	CHORI-322	2L	2462685	2482035
CH322-147L24	CHORI-322	2L	11946075	11964112
CH322-147M01	CHORI-322	3L	7588506	7609414
CH322-147M02	CHORI-322	X	10502279	10523663
CH322-147M03	CHORI-322	3R	26734532	26755613
CH322-147M04	CHORI-322	X	16868721	16890698
CH322-147M06	CHORI-322	2R	20078400	20098763
CH322-147M07	CHORI-322	3R	6712997	6732316
CH322-147M10	CHORI-322	X	2739094	2757611
CH322-147M11	CHORI-322	3R	27386866	27409094
CH322-147M12	CHORI-322	2R	12208832	12229061
CH322-147M13	CHORI-322	3R	27674959	27696320
CH322-147M14	CHORI-322	3L	18997207	19015499
CH322-147M15	CHORI-322	2L	6915152	6937377
CH322-147M16	CHORI-322	3L	318082	338174
CH322-147M17	CHORI-322	3R	16480373	16501956
CH322-147M18	CHORI-322	3R	11370960	11393856
CH322-147M19	CHORI-322	3R	9125395	9144998
CH322-147M20	CHORI-322	2R	10370707	10388435
CH322-147M21	CHORI-322	3R	2012014	2034404
CH322-147M22	CHORI-322	3R	17332752	17350686
CH322-147M23	CHORI-322	X	20607975	20627010
CH322-147M24	CHORI-322	XHet	8327	30219
CH322-147N01	CHORI-322	3R	2247986	2268524
CH322-147N02	CHORI-322	2R	3143606	3167829
CH322-147N03	CHORI-322	ArmU	1180435	1200448
CH322-147N04	CHORI-322	3L	4544936	4563889
CH322-147N05	CHORI-322	2R	10629844	10649757
CH322-147N08	CHORI-322	3L	19357705	19377203
CH322-147N09	CHORI-322	3L	10147588	10168554
CH322-147N10	CHORI-322	X	13305794	13324583
CH322-147N11	CHORI-322	2R	19470269	19490067
CH322-147N12	CHORI-322	2L	11553535	11574634
CH322-147N13	CHORI-322	3L	13032741	13052323
CH322-147N14	CHORI-322	3L	24210988	24229948

CH322-147N15	CHORI-322	3L	9585883	9605586
CH322-147N16	CHORI-322	3R	3372221	3393385
CH322-147N18	CHORI-322	2R	15136549	15155077
CH322-147N20	CHORI-322	X	10316428	10338977
CH322-147N21	CHORI-322	2L	3865895	3887608
CH322-147N22	CHORI-322	3R	25434449	25452798
CH322-147N23	CHORI-322	3L	22830425	22849680
CH322-147N24	CHORI-322	3L	7921753	7943595
CH322-147O01	CHORI-322	2R	18352553	18374111
CH322-147O02	CHORI-322	3R	23052998	23074276
CH322-147O03	CHORI-322	2R	15921171	15942378
CH322-147O04	CHORI-322	2R	10165572	10187459
CH322-147O05	CHORI-322	2L	13147759	13167585
CH322-147O07	CHORI-322	3R	8153988	8175329
CH322-147O08	CHORI-322	2R	4074245	4095088
CH322-147O09	CHORI-322	2L	1750479	1771646
CH322-147O10	CHORI-322	3L	12718018	12740659
CH322-147O11	CHORI-322	X	17209955	17229363
CH322-147O12	CHORI-322	3R	16089763	16111320
CH322-147O13	CHORI-322	X	5049081	5070263
CH322-147O14	CHORI-322	3R	13564119	13586470
CH322-147O16	CHORI-322	2R	11857035	11879338
CH322-147O17	CHORI-322	3R	9146446	9166707
CH322-147O18	CHORI-322	3L	7735338	7756957
CH322-147O19	CHORI-322	3R	22627860	22648963
CH322-147O20	CHORI-322	3R	21219609	21241961
CH322-147O21	CHORI-322	2L	9706808	9730057
CH322-147O24	CHORI-322	3R	6337373	6357758
CH322-147P01	CHORI-322	3R	2247986	2268524
CH322-147P02	CHORI-322	3L	22829372	22848394
CH322-147P03	CHORI-322	X	17108782	17129553
CH322-147P04	CHORI-322	ArmU	102920	121645
CH322-147P05	CHORI-322	2R	1998663	2018306
CH322-147P06	CHORI-322	3R	25332084	25355184
CH322-147P07	CHORI-322	ArmU	1417597	1438442
CH322-147P08	CHORI-322	3RHet	143838	165761
CH322-147P09	CHORI-322	3L	19578938	19598279
CH322-147P10	CHORI-322	3L	11860191	11880879
CH322-147P11	CHORI-322	3L	18240408	18262393
CH322-147P12	CHORI-322	2R	6286420	6305840
CH322-147P14	CHORI-322	3R	22105173	22122357
CH322-147P15	CHORI-322	2L	13115438	13135693
CH322-147P17	CHORI-322	2L	15386502	15406931
CH322-147P19	CHORI-322	3R	13447874	13468463
CH322-147P20	CHORI-322	3L	2721416	2742814
CH322-147P21	CHORI-322	3R	25173350	25191558
CH322-147P22	CHORI-322	3R	1757979	1779966
CH322-147P23	CHORI-322	2L	20511118	20529275
CH322-147P24	CHORI-322	3L	4507012	4525961
CH322-148A09	CHORI-322	3R	26432685	26453941
CH322-148A11	CHORI-322	2R	13239724	13259448
CH322-148A17	CHORI-322	2R	9529616	9549075
CH322-148B06	CHORI-322	3RHet	1218973	1238841
CH322-148B08	CHORI-322	4	520764	541060

CH322-148B09	CHORI-322	2L	3978517	3998491
CH322-148B10	CHORI-322	3R	26897969	26918176
CH322-148B12	CHORI-322	2L	14097056	14120122
CH322-148C04	CHORI-322	X	3876634	3897394
CH322-148C06	CHORI-322	3R	19638179	19660750
CH322-148C10	CHORI-322	2L	3311438	3332334
CH322-148C11	CHORI-322	2L	11989420	12015421
CH322-148C12	CHORI-322	2L	20933840	20954008
CH322-148C20	CHORI-322	3R	18110599	18130617
CH322-148D03	CHORI-322	3L	22369964	22390418
CH322-148D06	CHORI-322	3R	11539710	11560751
CH322-148D12	CHORI-322	3L	4706156	4728386
CH322-148D16	CHORI-322	X	12127120	12148022
CH322-148D18	CHORI-322	2R	1666804	1685417
CH322-148E03	CHORI-322	2R	4175812	4196525
CH322-148E04	CHORI-322	X	13863536	13884778
CH322-148E05	CHORI-322	2R	17544988	17566554
CH322-148E06	CHORI-322	3L	19061813	19081815
CH322-148E07	CHORI-322	3R	7620586	7642550
CH322-148E10	CHORI-322	3R	4404272	4425863
CH322-148E12	CHORI-322	3R	10801001	10823100
CH322-148E13	CHORI-322	2L	14208073	14230129
CH322-148E14	CHORI-322	2R	1022131	1041194
CH322-148E15	CHORI-322	2R	16387106	16407409
CH322-148E16	CHORI-322	2R	8355745	8375099
CH322-148E18	CHORI-322	X	7888220	7909200
CH322-148E20	CHORI-322	2L	9968064	9988831
CH322-148F02	CHORI-322	X	17048439	17067658
CH322-148F03	CHORI-322	3L	19915284	19935106
CH322-148F04	CHORI-322	3R	2940683	2960978
CH322-148F07	CHORI-322	2R	9784404	9806300
CH322-148F08	CHORI-322	2RHet	1833637	1852621
CH322-148F10	CHORI-322	2R	7085326	7103348
CH322-148F11	CHORI-322	2R	13096170	13118537
CH322-148F12	CHORI-322	3R	21126987	21148291
CH322-148F16	CHORI-322	3L	14888357	14910299
CH322-148F17	CHORI-322	2L	7704215	7725203
CH322-148F18	CHORI-322	X	1297851	1318709
CH322-148F19	CHORI-322	X	20116534	20136271
CH322-148G03	CHORI-322	2L	2938927	2961962
CH322-148G04	CHORI-322	X	17747893	17770950
CH322-148G05	CHORI-322	3L	15792140	15809507
CH322-148G07	CHORI-322	3R	7003379	7024486
CH322-148G08	CHORI-322	2R	8571189	8591648
CH322-148G09	CHORI-322	2L	20149209	20167997
CH322-148G10	CHORI-322	X	4381808	4401535
CH322-148G11	CHORI-322	3L	6250138	6272900
CH322-148G13	CHORI-322	3R	23845237	23866432
CH322-148G16	CHORI-322	3R	8590487	8609920
CH322-148G19	CHORI-322	3R	2274710	2295403
CH322-148G21	CHORI-322	3L	657650	679092
CH322-148G22	CHORI-322	3R	8738696	8758549
CH322-148G23	CHORI-322	3R	3881199	3899835
CH322-148H02	CHORI-322	3R	19478491	19499914

CH322-148H03	CHORI-322	2R	6437686	6458157
CH322-148H04	CHORI-322	3R	5514747	5535342
CH322-148H05	CHORI-322	3R	6398406	6418145
CH322-148H06	CHORI-322	3L	8858462	8877923
CH322-148H07	CHORI-322	2R	6384955	6407968
CH322-148H08	CHORI-322	2L	7140992	7162724
CH322-148H09	CHORI-322	3R	6168912	6191148
CH322-148H10	CHORI-322	X	5347840	5365920
CH322-148H11	CHORI-322	X	20314075	20333146
CH322-148H12	CHORI-322	2R	10026280	10044230
CH322-148H15	CHORI-322	3R	25722784	25743439
CH322-148H16	CHORI-322	X	7082636	7103323
CH322-148H17	CHORI-322	3R	17310079	17329361
CH322-148H22	CHORI-322	3L	20539520	20561664
CH322-148I02	CHORI-322	X	21084117	21103157
CH322-148I03	CHORI-322	2L	7641947	7661022
CH322-148I04	CHORI-322	3R	14229811	14249575
CH322-148I06	CHORI-322	3R	11623167	11646103
CH322-148I07	CHORI-322	3R	2597909	2619312
CH322-148I08	CHORI-322	3L	11104405	11126291
CH322-148I10	CHORI-322	2R	12283879	12303948
CH322-148I11	CHORI-322	3R	13307815	13327593
CH322-148I12	CHORI-322	3L	13325318	13345653
CH322-148I13	CHORI-322	3L	14195862	14214376
CH322-148I16	CHORI-322	3R	959775	982311
CH322-148I17	CHORI-322	2L	3948522	3968368
CH322-148I18	CHORI-322	3L	14848100	14869115
CH322-148I19	CHORI-322	3R	1956568	1977416
CH322-148I23	CHORI-322	2R	3984667	4005103
CH322-148J02	CHORI-322	X	5255794	5279415
CH322-148J04	CHORI-322	3L	15650968	15672974
CH322-148J06	CHORI-322	2L	12303735	12324692
CH322-148J07	CHORI-322	3L	13350876	13372614
CH322-148J08	CHORI-322	2R	20397233	20420493
CH322-148J09	CHORI-322	3R	12167606	12188416
CH322-148J10	CHORI-322	3L	22746840	22765973
CH322-148J12	CHORI-322	3R	27853475	27872739
CH322-148J13	CHORI-322	X	5984360	6006365
CH322-148J15	CHORI-322	2L	4578017	4595448
CH322-148J17	CHORI-322	2L	14141642	14165224
CH322-148J19	CHORI-322	3L	10715792	10734630
CH322-148K03	CHORI-322	3L	19070417	19089763
CH322-148K05	CHORI-322	2L	17588492	17606540
CH322-148K07	CHORI-322	X	11188431	11209992
CH322-148K08	CHORI-322	3R	4943363	4965457
CH322-148K11	CHORI-322	X	10047696	10067758
CH322-148K13	CHORI-322	3R	24111570	24131666
CH322-148K15	CHORI-322	2R	449603	469989
CH322-148K17	CHORI-322	2L	3598169	3620495
CH322-148K18	CHORI-322	3R	22167672	22187537
CH322-148K19	CHORI-322	2R	13201343	13223323
CH322-148K20	CHORI-322	3R	23859347	23877471
CH322-148L03	CHORI-322	X	17939195	17962217
CH322-148L04	CHORI-322	X	21435350	21457463

CH322-148L05	CHORI-322	3R	21000163	21021201
CH322-148L06	CHORI-322	2RHet	1935582	1956622
CH322-148L07	CHORI-322	2R	20886098	20905356
CH322-148L08	CHORI-322	2R	15809297	15827693
CH322-148L12	CHORI-322	2L	5340211	5358645
CH322-148L13	CHORI-322	4	1087378	1107630
CH322-148L14	CHORI-322	2L	11989420	12015421
CH322-148L15	CHORI-322	3R	132127	154480
CH322-148L16	CHORI-322	2R	3944170	3963935
CH322-148L17	CHORI-322	X	1049907	1071560
CH322-148L18	CHORI-322	3R	9208806	9229074
CH322-148L20	CHORI-322	3R	12983882	13006215
CH322-148M04	CHORI-322	3R	10068040	10087888
CH322-148M06	CHORI-322	2R	19690576	19710777
CH322-148M07	CHORI-322	2L	20524049	20542494
CH322-148M08	CHORI-322	3R	11570196	11589607
CH322-148M09	CHORI-322	2L	7897983	7919736
CH322-148M10	CHORI-322	2R	3210320	3230425
CH322-148M11	CHORI-322	3R	23653193	23672550
CH322-148M12	CHORI-322	3R	17421110	17441469
CH322-148M13	CHORI-322	X	418932	438141
CH322-148N03	CHORI-322	X	18554698	18578614
CH322-148N06	CHORI-322	X	17506746	17526122
CH322-148N10	CHORI-322	2L	3585252	3605009
CH322-148N11	CHORI-322	2L	207702	230849
CH322-148N13	CHORI-322	3R	5753909	5774408
CH322-148N16	CHORI-322	2R	2897693	2920720
CH322-148N17	CHORI-322	X	6426212	6446515
CH322-148N19	CHORI-322	3R	8361242	8381682
CH322-148N22	CHORI-322	3L	8903243	8923374
CH322-148O03	CHORI-322	X	14094356	14113940
CH322-148O05	CHORI-322	2L	5111733	5132625
CH322-148O07	CHORI-322	3L	13527367	13551406
CH322-148O08	CHORI-322	3R	6237900	6257165
CH322-148O13	CHORI-322	X	1341054	1363030
CH322-148O14	CHORI-322	3L	2138461	2158478
CH322-148O15	CHORI-322	3R	18279834	18299107
CH322-148O17	CHORI-322	3R	12994134	13013309
CH322-148O20	CHORI-322	3L	24289886	24311184
CH322-148P14	CHORI-322	X	36469 56887	
CH322-148P15	CHORI-322	2R	8323077	8343918
CH322-149A01	CHORI-322	3L	3817670	3840258
CH322-149A02	CHORI-322	2L	17089351	17111155
CH322-149A03	CHORI-322	2R	7942649	7965437
CH322-149A04	CHORI-322	2L	21286773	21306435
CH322-149A05	CHORI-322	2RHet	459536	477783
CH322-149A06	CHORI-322	X	1947895	1970553
CH322-149A07	CHORI-322	2R	9812271	9831683
CH322-149A08	CHORI-322	4	404425	423806
CH322-149A09	CHORI-322	2L	5526593	5544228
CH322-149A10	CHORI-322	3R	4943613	4963162
CH322-149A11	CHORI-322	XHet	2967 24640	
CH322-149A12	CHORI-322	3R	23200527	23220832
CH322-149A13	CHORI-322	X	8389917	8409674

CH322-149A15	CHORI-322	3L	5561544	5583702
CH322-149A19	CHORI-322	2R	1036113	1056151
CH322-149A20	CHORI-322	3R	12110296	12131119
CH322-149A22	CHORI-322	X	502145	520368
CH322-149A24	CHORI-322	2L	9625178	9644504
CH322-149B01	CHORI-322	2L	18491238	18512079
CH322-149B03	CHORI-322	2R	16213340	16233275
CH322-149B04	CHORI-322	2L	2251097	2271372
CH322-149B05	CHORI-322	2L	20010269	20029362
CH322-149B06	CHORI-322	3L	17055279	17074584
CH322-149B09	CHORI-322	3L	6496672	6516814
CH322-149B14	CHORI-322	2R	895401	917919
CH322-149B15	CHORI-322	3R	439171	458766
CH322-149B16	CHORI-322	3R	18764258	18786928
CH322-149B17	CHORI-322	3L	11037832	11058279
CH322-149B18	CHORI-322	3R	15541551	15564273
CH322-149B19	CHORI-322	3R	24740681	24763070
CH322-149B21	CHORI-322	3L	10343740	10361390
CH322-149B22	CHORI-322	2R	3827517	3847391
CH322-149B24	CHORI-322	X	5476668	5497515
CH322-149C01	CHORI-322	2L	3109996	3127601
CH322-149C04	CHORI-322	2L	7385610	7403827
CH322-149C05	CHORI-322	3R	5483630	5502671
CH322-149C06	CHORI-322	2L	6493752	6514821
CH322-149C10	CHORI-322	3R	2295708	2312918
CH322-149C12	CHORI-322	3L	20302049	20325535
CH322-149C13	CHORI-322	3L	9004857	9027341
CH322-149C14	CHORI-322	3R	27276427	27300318
CH322-149C16	CHORI-322	3L	12358395	12377716
CH322-149C17	CHORI-322	3L	18135330	18154342
CH322-149C19	CHORI-322	2R	7938875	7961636
CH322-149C20	CHORI-322	3L	13770670	13790873
CH322-149C21	CHORI-322	3R	7178538	7196128
CH322-149C22	CHORI-322	2R	16177339	16198603
CH322-149C23	CHORI-322	2L	11582065	11602297
CH322-149D02	CHORI-322	X	5149768	5169140
CH322-149D03	CHORI-322	3L	8225991	8242935
CH322-149D04	CHORI-322	X	14233871	14254288
CH322-149D05	CHORI-322	3R	25796418	25814851
CH322-149D06	CHORI-322	ArmU	1144830	1166236
CH322-149D07	CHORI-322	3R	22968555	22987689
CH322-149D09	CHORI-322	2L	14792167	14811754
CH322-149D10	CHORI-322	2L	390800	410969
CH322-149D11	CHORI-322	3L	20048870	20068031
CH322-149D12	CHORI-322	3L	7828200	7850590
CH322-149D13	CHORI-322	3R	27657368	27678963
CH322-149D14	CHORI-322	2L	8786696	8808033
CH322-149D15	CHORI-322	2R	8573836	8592115
CH322-149D17	CHORI-322	2R	2836379	2856957
CH322-149D18	CHORI-322	2R	11532117	11552952
CH322-149D19	CHORI-322	2L	8133824	8155345
CH322-149D20	CHORI-322	3R	21304803	21324757
CH322-149D21	CHORI-322	2R	15131963	15154194
CH322-149D22	CHORI-322	3R	10224204	10244262

CH322-149E01	CHORI-322	2R	10100898	10120850
CH322-149E02	CHORI-322	2R	1122941	1141757
CH322-149E03	CHORI-322	2R	20497974	20519873
CH322-149E04	CHORI-322	3R	12163816	12183663
CH322-149E05	CHORI-322	2R	17764623	17782747
CH322-149E06	CHORI-322	2R	20255651	20277503
CH322-149E07	CHORI-322	3L	20480814	20500317
CH322-149E10	CHORI-322	3L	20672114	20693761
CH322-149E11	CHORI-322	2R	18854615	18873305
CH322-149E12	CHORI-322	X	14620034	14641419
CH322-149E14	CHORI-322	3L	14479102	14499548
CH322-149E15	CHORI-322	3L	17931879	17952133
CH322-149E16	CHORI-322	3R	16688915	16710241
CH322-149E17	CHORI-322	3L	17388018	17407411
CH322-149E18	CHORI-322	2L	10237671	10257360
CH322-149E19	CHORI-322	3L	5957468	5979493
CH322-149E22	CHORI-322	3L	10243784	10266771
CH322-149E23	CHORI-322	3L	2566963	2587646
CH322-149E24	CHORI-322	2R	7596336	7617224
CH322-149F02	CHORI-322	3R	6045736	6067655
CH322-149F03	CHORI-322	3L	20465978	20489443
CH322-149F04	CHORI-322	3L	5902793	5921634
CH322-149F05	CHORI-322	2R	3321933	3342774
CH322-149F06	CHORI-322	3R	5117070	5136861
CH322-149F07	CHORI-322	X	9750640	9769771
CH322-149F08	CHORI-322	2L	21779102	21798935
CH322-149F09	CHORI-322	3R	10262161	10282675
CH322-149F10	CHORI-322	3R	1879643	1897435
CH322-149F11	CHORI-322	2R	15069723	15089902
CH322-149F12	CHORI-322	3L	12968243	12987950
CH322-149F13	CHORI-322	3R	6876544	6895631
CH322-149F15	CHORI-322	2L	15896822	15916860
CH322-149F17	CHORI-322	X	14382683	14401807
CH322-149F19	CHORI-322	3R	111671	132130
CH322-149F22	CHORI-322	2R	15717976	15739040
CH322-149G01	CHORI-322	2L	15037696	15058323
CH322-149G02	CHORI-322	2L	14006264	14026852
CH322-149G03	CHORI-322	3R	22021977	22045086
CH322-149G04	CHORI-322	2R	14799511	14818685
CH322-149G05	CHORI-322	3R	662595	685342
CH322-149G06	CHORI-322	3LHet	2509116	2529183
CH322-149G07	CHORI-322	2L	3831744	3854931
CH322-149G08	CHORI-322	X	440883	460792
CH322-149G10	CHORI-322	2R	16826725	16846081
CH322-149G11	CHORI-322	3L	3510130	3529603
CH322-149G12	CHORI-322	2L	14026849	14047516
CH322-149G13	CHORI-322	3R	15356816	15380582
CH322-149G14	CHORI-322	ArmU	1188273	1209647
CH322-149G15	CHORI-322	X	19039275	19059042
CH322-149G17	CHORI-322	3R	21562329	21581648
CH322-149G18	CHORI-322	3L	5796706	5815971
CH322-149G19	CHORI-322	3L	10245768	10265384
CH322-149G20	CHORI-322	2R	2812946	2833815
CH322-149G21	CHORI-322	3R	3815585	3836310

CH322-149G22	CHORI-322	3L	13859174	13879687
CH322-149G24	CHORI-322	3L	11259342	11280623
CH322-149H01	CHORI-322	3L	16899026	16919509
CH322-149H03	CHORI-322	2L	7928268	7947468
CH322-149H04	CHORI-322	X	21360565	21383032
CH322-149H07	CHORI-322	3R	6643285	6665425
CH322-149H08	CHORI-322	3R	10727457	10747480
CH322-149H09	CHORI-322	3R	10855282	10874115
CH322-149H10	CHORI-322	3R	26072503	26092903
CH322-149H12	CHORI-322	X	9263406	9283154
CH322-149H14	CHORI-322	2L	14382465	14404124
CH322-149H15	CHORI-322	2L	1243872	1263275
CH322-149H16	CHORI-322	2R	18651602	18672373
CH322-149H17	CHORI-322	3R	6543216	6565799
CH322-149H19	CHORI-322	X	10759160	10780834
CH322-149H20	CHORI-322	2L	5519032	5539764
CH322-149H21	CHORI-322	3R	6237172	6258735
CH322-149H22	CHORI-322	2R	16041234	16063300
CH322-149H23	CHORI-322	2L	5860626	5881630
CH322-149H24	CHORI-322	2L	8969202	8989372
CH322-149I01	CHORI-322	3R	336516	355647
CH322-149I02	CHORI-322	2R	13261313	13281254
CH322-149I03	CHORI-322	3R	3314173	3337389
CH322-149I06	CHORI-322	2R	20841622	20862743
CH322-149I07	CHORI-322	2R	9631830	9652323
CH322-149I09	CHORI-322	3L	6777262	6798013
CH322-149I10	CHORI-322	2L	22048451	22068027
CH322-149I11	CHORI-322	2L	18234122	18255002
CH322-149I12	CHORI-322	X	20431681	20455347
CH322-149I13	CHORI-322	3R	24007239	24029281
CH322-149I14	CHORI-322	3R	10443325	10463820
CH322-149I15	CHORI-322	2R	5738014	5759287
CH322-149I16	CHORI-322	X	16943093	16962880
CH322-149I17	CHORI-322	3L	11344642	11364529
CH322-149I18	CHORI-322	3R	7627048	7647086
CH322-149I19	CHORI-322	3R	25746474	25765879
CH322-149I20	CHORI-322	2R	9241703	9264013
CH322-149I21	CHORI-322	X	19730509	19753163
CH322-149I22	CHORI-322	X	6240820	6263688
CH322-149I23	CHORI-322	2R	3220675	3243476
CH322-149J01	CHORI-322	3R	2760446	2779870
CH322-149J02	CHORI-322	3L	4963167	4983573
CH322-149J03	CHORI-322	3R	18763500	18787268
CH322-149J04	CHORI-322	2R	19237401	19259166
CH322-149J05	CHORI-322	3R	1028972	1050051
CH322-149J11	CHORI-322	3R	12100723	12121713
CH322-149J12	CHORI-322	2R	15744636	15764960
CH322-149J13	CHORI-322	3RHet	620680	640003
CH322-149J14	CHORI-322	3R	7158907	7178460
CH322-149J16	CHORI-322	2R	14547397	14567548
CH322-149J17	CHORI-322	3R	16042858	16065625
CH322-149J18	CHORI-322	3L	20539764	20560877
CH322-149J19	CHORI-322	2R	12614085	12632140
CH322-149J22	CHORI-322	X	17520648	17541620

CH322-149J24	CHORI-322	X	782981	802756
CH322-149K01	CHORI-322	3R	22670382	22694185
CH322-149K02	CHORI-322	3R	560268	579780
CH322-149K03	CHORI-322	X	6943833	6964581
CH322-149K05	CHORI-322	3L	8866175	8886629
CH322-149K06	CHORI-322	3L	3165227	3184100
CH322-149K07	CHORI-322	3LHet	1698153	1718767
CH322-149K08	CHORI-322	3L	10526807	10545272
CH322-149K11	CHORI-322	2L	22091073	22111968
CH322-149K13	CHORI-322	2L	16367000	16389798
CH322-149K14	CHORI-322	2L	12285986	12307156
CH322-149K15	CHORI-322	3L	4046188	4067783
CH322-149K16	CHORI-322	2L	18377336	18400196
CH322-149K18	CHORI-322	2L	11455531	11477918
CH322-149K19	CHORI-322	3L	8786851	8811017
CH322-149K21	CHORI-322	3L	14584748	14603106
CH322-149K22	CHORI-322	2L	19102822	19123435
CH322-149K23	CHORI-322	3L	20271907	20291982
CH322-149K24	CHORI-322	2L	11692146	11711372
CH322-149L01	CHORI-322	3L	16618321	16639560
CH322-149L02	CHORI-322	X	10227841	10247360
CH322-149L03	CHORI-322	X	9570512	9591761
CH322-149L04	CHORI-322	2L	10878710	10899974
CH322-149L05	CHORI-322	3R	26411613	26432720
CH322-149L07	CHORI-322	2R	14020430	14040692
CH322-149L08	CHORI-322	2L	7158577	7180397
CH322-149L09	CHORI-322	2RHet	1903444	1924547
CH322-149L10	CHORI-322	2R	7607355	7628734
CH322-149L11	CHORI-322	2L	6472567	6492902
CH322-149L12	CHORI-322	3R	17749505	17766182
CH322-149L13	CHORI-322	3L	8832094	8853208
CH322-149L14	CHORI-322	3RHet	623425	643535
CH322-149L16	CHORI-322	3L	6715986	6736730
CH322-149L18	CHORI-322	2R	239039	258319
CH322-149L19	CHORI-322	X	21837464	21854723
CH322-149L21	CHORI-322	3R	16338114	16358601
CH322-149L22	CHORI-322	2L	2681502	2701527
CH322-149M01	CHORI-322	3R	11695546	11714116
CH322-149M02	CHORI-322	3R	3289839	3308229
CH322-149M03	CHORI-322	2R	7663497	7684336
CH322-149M04	CHORI-322	X	9853634	9872282
CH322-149M05	CHORI-322	3L	11289085	11309472
CH322-149M06	CHORI-322	3LHet	421964	443938
CH322-149M07	CHORI-322	X	20139544	20159823
CH322-149M08	CHORI-322	3L	10551531	10569058
CH322-149M09	CHORI-322	3R	7479870	7501219
CH322-149M10	CHORI-322	X	11882267	11905440
CH322-149M12	CHORI-322	2L	16362419	16381581
CH322-149M13	CHORI-322	3R	14181202	14200030
CH322-149M15	CHORI-322	3RHet	574335	595907
CH322-149M16	CHORI-322	3R	20806715	20827202
CH322-149M17	CHORI-322	3L	8098355	8118925
CH322-149M18	CHORI-322	3R	2351350	2372086
CH322-149M19	CHORI-322	2L	3937366	3956513

CH322-149M20	CHORI-322	X	9438288	9461404
CH322-149M21	CHORI-322	2R	8850049	8869091
CH322-149M22	CHORI-322	2L	19836751	19856995
CH322-149M23	CHORI-322	2R	3388443	3408144
CH322-149M24	CHORI-322	2L	4220637	4241021
CH322-149N02	CHORI-322	3L	24014704	24034512
CH322-149N03	CHORI-322	3R	13489306	13508905
CH322-149N05	CHORI-322	X	12274573	12294157
CH322-149N06	CHORI-322	2L	960290	981314
CH322-149N07	CHORI-322	2R	9097401	9113989
CH322-149N08	CHORI-322	3R	3916933	3936766
CH322-149N09	CHORI-322	3L	22479779	22501194
CH322-149N10	CHORI-322	X	18804211	18825134
CH322-149N11	CHORI-322	3L	6690382	6711313
CH322-149N12	CHORI-322	2L	9396081	9416154
CH322-149N13	CHORI-322	2R	18993036	19012235
CH322-149N14	CHORI-322	3R	4438744	4459075
CH322-149N16	CHORI-322	2L	17314649	17335109
CH322-149N17	CHORI-322	2L	16668924	16690235
CH322-149N18	CHORI-322	2L	8113144	8132273
CH322-149N19	CHORI-322	3R	10886851	10906641
CH322-149N20	CHORI-322	3R	15452342	15472270
CH322-149N21	CHORI-322	2L	12349788	12370096
CH322-149N22	CHORI-322	2R	3626959	3647089
CH322-149N23	CHORI-322	2R	2656795	2677380
CH322-149O01	CHORI-322	2R	1003460	1022807
CH322-149O02	CHORI-322	2L	12063460	12084922
CH322-149O03	CHORI-322	3R	11574789	11595479
CH322-149O05	CHORI-322	2R	4958046	4980271
CH322-149O09	CHORI-322	X	19217425	19236816
CH322-149O10	CHORI-322	X	13455079	13476030
CH322-149O11	CHORI-322	3R	4397272	4418553
CH322-149O12	CHORI-322	3R	13793642	13813258
CH322-149O13	CHORI-322	X	16733015	16753477
CH322-149O14	CHORI-322	3R	26905932	26925957
CH322-149O16	CHORI-322	3L	22616737	22638408
CH322-149O17	CHORI-322	3R	19803711	19825245
CH322-149O19	CHORI-322	2R	14111857	14132960
CH322-149O21	CHORI-322	X	18142467	18165700
CH322-149O22	CHORI-322	3L	8503212	8524999
CH322-149P02	CHORI-322	2R	12930416	12953381
CH322-149P03	CHORI-322	3L	13274188	13295975
CH322-149P07	CHORI-322	3R	4261999	4282933
CH322-149P08	CHORI-322	3L	17550041	17570396
CH322-149P09	CHORI-322	2L	15125927	15145457
CH322-149P11	CHORI-322	X	7648833	7670130
CH322-149P12	CHORI-322	2L	19021299	19043329
CH322-149P13	CHORI-322	2R	959069	976907
CH322-149P14	CHORI-322	3L	17878280	17899247
CH322-149P17	CHORI-322	3L	12557210	12574011
CH322-149P18	CHORI-322	2L	17511639	17531059
CH322-149P19	CHORI-322	3R	25263213	25283110
CH322-149P20	CHORI-322	3L	13609276	13628337
CH322-149P21	CHORI-322	3R	6176830	6197270

CH322-149P22	CHORI-322	3R	5744537	5763252
CH322-149P23	CHORI-322	2R	21077599	21099175
CH322-14A02	CHORI-322	3L	14075595	14098496
CH322-14A03	CHORI-322	X	17700815	17720773
CH322-14A04	CHORI-322	2R	5184114	5207402
CH322-14A19	CHORI-322	3L	13347239	13367450
CH322-14A20	CHORI-322	3L	12884617	12905553
CH322-14A21	CHORI-322	2R	3569074	3588385
CH322-14A22	CHORI-322	2L	815278	835755
CH322-14B04	CHORI-322	3R	10840729	10863137
CH322-14B06	CHORI-322	3R	6459458	6481336
CH322-14B07	CHORI-322	2L	11893303	11913427
CH322-14B09	CHORI-322	3R	7476117	7501606
CH322-14B10	CHORI-322	3R	20376881	20396786
CH322-14B14	CHORI-322	2R	17903079	17925007
CH322-14B17	CHORI-322	X	976086	997570
CH322-14B18	CHORI-322	2L	9784505	9805365
CH322-14C01	CHORI-322	X	17917059	17939338
CH322-14C02	CHORI-322	3RHet	2470555	2490869
CH322-14C04	CHORI-322	2R	6094989	6116171
CH322-14C06	CHORI-322	X	9411028	9433619
CH322-14C11	CHORI-322	X	13502205	13524158
CH322-14C13	CHORI-322	2R	20885066	20906626
CH322-14C16	CHORI-322	2R	19848060	19871823
CH322-14C17	CHORI-322	3R	655528	676553
CH322-14C18	CHORI-322	2R	1524308	1547198
CH322-14C21	CHORI-322	3LHet	2519872	2544648
CH322-14C24	CHORI-322	2R	14169736	14193822
CH322-14D03	CHORI-322	3R	21096418	21117316
CH322-14D04	CHORI-322	2L	14746785	14766834
CH322-14D05	CHORI-322	2R	423771	446522
CH322-14D06	CHORI-322	2R	5589072	5607870
CH322-14D10	CHORI-322	2R	2122026	2144773
CH322-14D12	CHORI-322	3R	23078019	23099601
CH322-14D13	CHORI-322	3L	2836977	2859385
CH322-14D14	CHORI-322	3R	24623622	24646218
CH322-14D15	CHORI-322	3L	21620188	21644485
CH322-14D17	CHORI-322	X	1780437	1808525
CH322-14D20	CHORI-322	3L	4826857	4852414
CH322-14E02	CHORI-322	2L	10433766	10455820
CH322-14E04	CHORI-322	3R	24641571	24665775
CH322-14E06	CHORI-322	3R	7478205	7500313
CH322-14E10	CHORI-322	3L	12146268	12170045
CH322-14E13	CHORI-322	3R	15472267	15494819
CH322-14E15	CHORI-322	X	319681	342499
CH322-14E16	CHORI-322	3L	1100136	1125726
CH322-14E17	CHORI-322	3L	11200019	11220644
CH322-14E18	CHORI-322	X	9040032	9062278
CH322-14E20	CHORI-322	2R	18477597	18498420
CH322-14E21	CHORI-322	2R	494762	514679
CH322-14F03	CHORI-322	2R	20187463	20206135
CH322-14F05	CHORI-322	3L	21060099	21078945
CH322-14F06	CHORI-322	2R	3648879	3670070
CH322-14F10	CHORI-322	X	17608643	17631161

CH322-14F11	CHORI-322	2R	17207134	17228608
CH322-14F13	CHORI-322	X	12766615	12786733
CH322-14F14	CHORI-322	3RHet	2137011	2161147
CH322-14F15	CHORI-322	2L	21103925	21125378
CH322-14G02	CHORI-322	X	8979114	8998738
CH322-14G04	CHORI-322	2L	12977621	13002116
CH322-14G08	CHORI-322	2L	1155373	1177035
CH322-14G11	CHORI-322	2R	18384113	18405884
CH322-14G12	CHORI-322	2L	4812036	4833010
CH322-14G15	CHORI-322	2L	5381132	5405605
CH322-14G16	CHORI-322	3R	23142294	23164672
CH322-14G22	CHORI-322	2R	19498587	19519047
CH322-14G23	CHORI-322	3R	16233996	16255213
CH322-14H05	CHORI-322	3L	10921308	10942333
CH322-14H06	CHORI-322	3R	2628890	2651543
CH322-14H09	CHORI-322	X	5175629	5195276
CH322-14H10	CHORI-322	2R	20387275	20408345
CH322-14H11	CHORI-322	2R	3032071	3054705
CH322-14H13	CHORI-322	3R	14497169	14521450
CH322-14H15	CHORI-322	X	6979720	7002450
CH322-14I02	CHORI-322	3R	9784774	9807288
CH322-14I06	CHORI-322	X	14590736	14612351
CH322-14I09	CHORI-322	3L	541317	564667
CH322-14I13	CHORI-322	2L	9568105	9589750
CH322-14I14	CHORI-322	2R	19140856	19162652
CH322-14I15	CHORI-322	3R	4193212	4213433
CH322-14I18	CHORI-322	2L	16889382	16912455
CH322-14I22	CHORI-322	2R	6838188	6857763
CH322-14J02	CHORI-322	3R	2875827	2898205
CH322-14J11	CHORI-322	X	10639757	10663150
CH322-14J13	CHORI-322	2R	15411217	15433144
CH322-14J21	CHORI-322	3L	6345264	6367897
CH322-14K02	CHORI-322	3R	21111596	21131288
CH322-14K03	CHORI-322	2R	8969952	8991437
CH322-14K05	CHORI-322	X	19198741	19220258
CH322-14K06	CHORI-322	3R	17683683	17707119
CH322-14K12	CHORI-322	2R	4863784	4886894
CH322-14K16	CHORI-322	X	18036787	18059532
CH322-14K17	CHORI-322	3R	1612367	1635774
CH322-14K19	CHORI-322	X	2567370	2590575
CH322-14K21	CHORI-322	3R	27361841	27384339
CH322-14K22	CHORI-322	2R	3621562	3645003
CH322-14K24	CHORI-322	X	5323754	5347065
CH322-14L03	CHORI-322	3L	5316310	5338120
CH322-14L05	CHORI-322	3L	3332962	3357136
CH322-14L07	CHORI-322	2R	9353739	9376208
CH322-14L09	CHORI-322	3R	20494425	20515131
CH322-14L13	CHORI-322	3R	7368164	7388405
CH322-14L14	CHORI-322	2L	19199731	19219796
CH322-14L16	CHORI-322	3R	27869335	27890933
CH322-14M01	CHORI-322	3R	17495169	17516491
CH322-14M04	CHORI-322	2L	5046988	5067998
CH322-14M06	CHORI-322	2L	7061371	7082352
CH322-14M10	CHORI-322	3R	6048536	6073179

CH322-14M11	CHORI-322	2R	13383591	13405453
CH322-14M12	CHORI-322	3R	14876024	14896072
CH322-14M14	CHORI-322	3R	4691200	4713648
CH322-14M16	CHORI-322	3R	22497770	22519435
CH322-14M18	CHORI-322	2R	18631297	18654256
CH322-14M19	CHORI-322	3R	21431835	21454703
CH322-14M22	CHORI-322	3L	19883281	19908530
CH322-14M24	CHORI-322	2R	11358145	11380493
CH322-14N01	CHORI-322	3L	19573670	19596932
CH322-14N02	CHORI-322	2R	18880303	18903729
CH322-14N03	CHORI-322	X	7482295	7502756
CH322-14N04	CHORI-322	X	7030294	7050092
CH322-14N05	CHORI-322	3L	22215078	22233876
CH322-14N07	CHORI-322	3L	9136102	9156561
CH322-14N08	CHORI-322	2R	12129220	12150963
CH322-14N10	CHORI-322	X	5957187	5979227
CH322-14N15	CHORI-322	3R	17379098	17400993
CH322-14N16	CHORI-322	X	5555137	5577415
CH322-14N19	CHORI-322	3L	4077781	4097924
CH322-14N21	CHORI-322	2R	6318295	6337306
CH322-14O02	CHORI-322	3R	18774604	18797494
CH322-14O08	CHORI-322	3R	18976268	18998463
CH322-14O09	CHORI-322	3R	23066406	23088358
CH322-14O10	CHORI-322	3L	23419712	23440405
CH322-14O13	CHORI-322	X	10198120	10221392
CH322-14O15	CHORI-322	2R	12454504	12478605
CH322-14O16	CHORI-322	X	14779167	14801036
CH322-14O17	CHORI-322	3L	17574372	17596687
CH322-14P01	CHORI-322	2L	10674768	10694226
CH322-14P02	CHORI-322	3L	15402738	15424970
CH322-14P03	CHORI-322	3R	12187538	12211029
CH322-14P04	CHORI-322	2L	8864406	8884757
CH322-14P06	CHORI-322	2R	11249610	11271081
CH322-14P07	CHORI-322	3R	23204822	23227123
CH322-14P09	CHORI-322	3R	13347176	13366861
CH322-14P12	CHORI-322	X	20956275	20981285
CH322-14P19	CHORI-322	2L	8198743	8222783
CH322-150A01	CHORI-322	3R	13148223	13169391
CH322-150A03	CHORI-322	3R	11758766	11778475
CH322-150A04	CHORI-322	2R	20881702	20901745
CH322-150A05	CHORI-322	X	17315398	17333866
CH322-150A06	CHORI-322	3R	12200319	12220970
CH322-150A07	CHORI-322	3L	544379	564734
CH322-150A08	CHORI-322	3R	9669081	9687991
CH322-150A10	CHORI-322	3R	13104318	13127845
CH322-150A11	CHORI-322	3L	10455024	10474018
CH322-150A12	CHORI-322	3R	11319843	11340325
CH322-150A13	CHORI-322	3L	23584041	23602037
CH322-150A16	CHORI-322	3R	1213144	1233374
CH322-150A17	CHORI-322	3L	4094059	4114342
CH322-150A18	CHORI-322	2R	5260773	5281867
CH322-150A19	CHORI-322	2L	701786	722061
CH322-150A20	CHORI-322	3L	21791012	21810386
CH322-150A21	CHORI-322	3LHet	2220010	2243940

CH322-150A22	CHORI-322	2L	5436660	5454130
CH322-150A24	CHORI-322	3R	22657231	22677646
CH322-150B01	CHORI-322	3R	17529691	17550356
CH322-150B04	CHORI-322	2R	9029184	9049981
CH322-150B05	CHORI-322	3L	1913947	1933109
CH322-150B06	CHORI-322	X	18728669	18749127
CH322-150B07	CHORI-322	3L	23912809	23933846
CH322-150B08	CHORI-322	3R	7944027	7962170
CH322-150B09	CHORI-322	2L	170176	190212
CH322-150B10	CHORI-322	2L	4587040	4608563
CH322-150B11	CHORI-322	2L	19220124	19240466
CH322-150B12	CHORI-322	3R	18506956	18527651
CH322-150B13	CHORI-322	3L	19188575	19207795
CH322-150B14	CHORI-322	3R	9991609	10012969
CH322-150B15	CHORI-322	3R	10285046	10302842
CH322-150B16	CHORI-322	3LHet	2515312	2534579
CH322-150B17	CHORI-322	2L	17305882	17326771
CH322-150B18	CHORI-322	3R	21043102	21065623
CH322-150B19	CHORI-322	4	381377	402550
CH322-150B20	CHORI-322	3R	5242092	5265252
CH322-150B21	CHORI-322	2L	12133584	12152506
CH322-150B22	CHORI-322	3L	20673051	20693316
CH322-150B23	CHORI-322	2L	10608986	10629904
CH322-150B24	CHORI-322	2R	7961732	7981711
CH322-150C04	CHORI-322	3R	5161464	5182740
CH322-150C05	CHORI-322	3R	6192557	6210914
CH322-150C06	CHORI-322	2R	4851680	4875076
CH322-150C08	CHORI-322	3R	9633684	9655612
CH322-150C09	CHORI-322	3R	22897256	22916577
CH322-150C10	CHORI-322	2L	1276555	1295848
CH322-150C11	CHORI-322	2R	9176807	9199046
CH322-150C15	CHORI-322	2R	7751843	7773125
CH322-150C16	CHORI-322	2R	10806581	10827545
CH322-150C18	CHORI-322	3L	11661134	11681386
CH322-150C20	CHORI-322	2L	6734614	6753810
CH322-150C21	CHORI-322	2L	3234608	3255826
CH322-150C22	CHORI-322	2L	6270848	6290129
CH322-150C23	CHORI-322	3L	20155591	20174567
CH322-150C24	CHORI-322	3L	11020318	11044287
CH322-150D04	CHORI-322	3R	18524360	18544742
CH322-150D05	CHORI-322	X	2797661	2820436
CH322-150D06	CHORI-322	2R	19494422	19515493
CH322-150D08	CHORI-322	X	15410778	15428607
CH322-150D09	CHORI-322	2L	18522578	18546080
CH322-150D10	CHORI-322	3L	3731886	3753750
CH322-150D11	CHORI-322	3L	3916655	3935700
CH322-150D13	CHORI-322	2L	7645433	7661863
CH322-150D17	CHORI-322	X	14128863	14148118
CH322-150D18	CHORI-322	2R	2676738	2696352
CH322-150D19	CHORI-322	ArmU	1548108	1567479
CH322-150D20	CHORI-322	3R	7868551	7887659
CH322-150D21	CHORI-322	2R	16002633	16023951
CH322-150D22	CHORI-322	2R	18189461	18210002
CH322-150D24	CHORI-322	2R	10617619	10639337

CH322-150E01	CHORI-322	X	6701309	6725190
CH322-150E03	CHORI-322	3L	13046227	13064905
CH322-150E04	CHORI-322	2L	20993254	21014077
CH322-150E05	CHORI-322	2L	7209227	7228762
CH322-150E06	CHORI-322	X	9103381	9125624
CH322-150E08	CHORI-322	2L	21591081	21612073
CH322-150E09	CHORI-322	2R	4443344	4467012
CH322-150E10	CHORI-322	2R	6444093	6463502
CH322-150E11	CHORI-322	X	15852735	15873366
CH322-150E12	CHORI-322	2L	20630650	20649877
CH322-150E13	CHORI-322	X	1779710	1801341
CH322-150E16	CHORI-322	3L	19230439	19249712
CH322-150E18	CHORI-322	X	3167875	3186482
CH322-150E19	CHORI-322	3R	1711071	1730773
CH322-150E20	CHORI-322	2L	16407625	16427795
CH322-150E21	CHORI-322	3L	643705	665777
CH322-150E22	CHORI-322	3L	1529681	1552075
CH322-150E23	CHORI-322	3R	17812716	17829866
CH322-150F01	CHORI-322	2R	1303036	1320718
CH322-150F03	CHORI-322	3L	6833536	6854755
CH322-150F04	CHORI-322	3L	19289160	19307123
CH322-150F08	CHORI-322	3L	5316310	5338416
CH322-150F09	CHORI-322	2L	17900601	17920954
CH322-150F11	CHORI-322	3L	5724602	5743770
CH322-150F13	CHORI-322	3L	949169	972290
CH322-150F14	CHORI-322	2L	18136173	18154565
CH322-150F15	CHORI-322	2R	20651929	20673150
CH322-150F16	CHORI-322	2R	17448489	17471081
CH322-150F17	CHORI-322	2R	8084406	8105347
CH322-150F19	CHORI-322	3L	10259830	10277589
CH322-150F20	CHORI-322	2L	7951370	7972115
CH322-150F21	CHORI-322	3L	2603621	2625664
CH322-150F22	CHORI-322	3R	22891003	22908766
CH322-150F23	CHORI-322	2L	14394178	14416538
CH322-150F24	CHORI-322	X	7028551	7050304
CH322-150G01	CHORI-322	3R	10735324	10755245
CH322-150G02	CHORI-322	3R	7517842	7537954
CH322-150G06	CHORI-322	2L	7919725	7940269
CH322-150G07	CHORI-322	X	6019014	6039698
CH322-150G08	CHORI-322	3R	5603037	5621475
CH322-150G10	CHORI-322	2L	3836208	3855399
CH322-150G12	CHORI-322	X	15631336	15650484
CH322-150G13	CHORI-322	X	11423966	11444025
CH322-150G14	CHORI-322	2L	12442378	12463093
CH322-150G16	CHORI-322	3LHet	932456	952598
CH322-150G17	CHORI-322	3R	5242459	5264235
CH322-150G20	CHORI-322	2R	10403031	10424445
CH322-150G23	CHORI-322	2R	20489025	20513407
CH322-150G24	CHORI-322	3R	23926687	23944865
CH322-150H02	CHORI-322	X	15683124	15705573
CH322-150H03	CHORI-322	2L	16755208	16777072
CH322-150H05	CHORI-322	3L	15468803	15490289
CH322-150H06	CHORI-322	3R	23978627	23999909
CH322-150H07	CHORI-322	3R	7264247	7284698

CH322-150H08	CHORI-322	3R	13570210	13588320
CH322-150H09	CHORI-322	3R	14585577	14607927
CH322-150H10	CHORI-322	3L	24085851	24104911
CH322-150H14	CHORI-322	3L	22756028	22776167
CH322-150H15	CHORI-322	3L	22950562	22968833
CH322-150H17	CHORI-322	3L	6496790	6519438
CH322-150H18	CHORI-322	3L	8163113	8184934
CH322-150H20	CHORI-322	X	15084411	15103459
CH322-150H21	CHORI-322	3L	9837679	9859839
CH322-150H23	CHORI-322	3R	11039042	11060892
CH322-150H24	CHORI-322	3R	15913233	15934149
CH322-150I01	CHORI-322	ArmU	202412	222381
CH322-150I02	CHORI-322	3R	21400166	21421669
CH322-150I03	CHORI-322	2L	14349493	14370683
CH322-150I04	CHORI-322	2R	8487741	8509095
CH322-150I05	CHORI-322	2R	8935827	8956224
CH322-150I06	CHORI-322	3L	4827493	4847559
CH322-150I07	CHORI-322	3L	143139	163016
CH322-150I09	CHORI-322	3R	12052307	12072621
CH322-150I11	CHORI-322	3R	22156868	22176734
CH322-150I13	CHORI-322	3L	2158679	2176876
CH322-150I14	CHORI-322	2R	74260 95818	
CH322-150I15	CHORI-322	2R	6886144	6906125
CH322-150I17	CHORI-322	3L	21488638	21509538
CH322-150I19	CHORI-322	X	859040	879455
CH322-150I20	CHORI-322	2R	909154	929841
CH322-150I22	CHORI-322	2R	8530219	8549129
CH322-150I23	CHORI-322	3L	15718456	15739817
CH322-150J01	CHORI-322	2L	7268017	7286208
CH322-150J02	CHORI-322	3R	1142251	1161580
CH322-150J03	CHORI-322	3R	14181207	14202290
CH322-150J04	CHORI-322	2R	12901463	12923454
CH322-150J05	CHORI-322	2R	13782616	13803344
CH322-150J06	CHORI-322	2L	21757208	21778324
CH322-150J07	CHORI-322	2R	15255245	15276386
CH322-150J08	CHORI-322	X	4657498	4678635
CH322-150J09	CHORI-322	2L	21951524	21972172
CH322-150J10	CHORI-322	3L	6160611	6180392
CH322-150J12	CHORI-322	2L	13295148	13318084
CH322-150J13	CHORI-322	2R	1672531	1690897
CH322-150J14	CHORI-322	2R	1707282	1728573
CH322-150J16	CHORI-322	X	5020757	5042388
CH322-150J17	CHORI-322	2L	19915755	19936977
CH322-150J18	CHORI-322	3R	19538277	19558513
CH322-150J19	CHORI-322	2L	14776825	14799705
CH322-150J21	CHORI-322	2R	8692309	8712241
CH322-150J22	CHORI-322	3R	10029046	10048034
CH322-150J23	CHORI-322	3R	7180358	7201799
CH322-150K01	CHORI-322	3L	22898745	22918634
CH322-150K02	CHORI-322	X	11380047	11399710
CH322-150K03	CHORI-322	2L	7114598	7137766
CH322-150K04	CHORI-322	3R	5278675	5300151
CH322-150K06	CHORI-322	2L	21207440	21231237
CH322-150K07	CHORI-322	3L	6851337	6874098

CH322-150K08	CHORI-322	3R	10149825	10173506
CH322-150K09	CHORI-322	3L	19224986	19247473
CH322-150K13	CHORI-322	2R	3890741	3909476
CH322-150K14	CHORI-322	X	8586323	8604688
CH322-150K15	CHORI-322	2L	19857096	19875532
CH322-150K16	CHORI-322	X	7186000	7206215
CH322-150K17	CHORI-322	3L	18626736	18648450
CH322-150K19	CHORI-322	3R	10311197	10329980
CH322-150K21	CHORI-322	3L	16736511	16757420
CH322-150K22	CHORI-322	3R	1010002	1033494
CH322-150K23	CHORI-322	3R	6168005	6188303
CH322-150K24	CHORI-322	2L	6043590	6064377
CH322-150L01	CHORI-322	X	17920583	17940670
CH322-150L03	CHORI-322	3R	18641754	18661550
CH322-150L06	CHORI-322	3L	16160541	16180021
CH322-150L07	CHORI-322	2L	20387187	20407978
CH322-150L09	CHORI-322	2L	6630154	6652757
CH322-150L10	CHORI-322	2R	15738688	15758069
CH322-150L11	CHORI-322	3R	11531812	11551727
CH322-150L15	CHORI-322	XHet	69818 89265	
CH322-150L16	CHORI-322	2L	10023757	10043668
CH322-150L19	CHORI-322	3R	22544008	22564509
CH322-150L21	CHORI-322	2L	9434900	9455217
CH322-150L22	CHORI-322	2L	13864594	13885186
CH322-150L23	CHORI-322	X	176273	195082
CH322-150L24	CHORI-322	2RHet	1418094	1438706
CH322-150M01	CHORI-322	3R	761203	781906
CH322-150M02	CHORI-322	3R	7903193	7924110
CH322-150M03	CHORI-322	2L	19809264	19828225
CH322-150M05	CHORI-322	3R	5468970	5486832
CH322-150M06	CHORI-322	2L	13542980	13562027
CH322-150M07	CHORI-322	3L	3095075	3115223
CH322-150M08	CHORI-322	3R	9261227	9284616
CH322-150M09	CHORI-322	2R	12491687	12510513
CH322-150M10	CHORI-322	2RHet	1274642	1295895
CH322-150M11	CHORI-322	2L	21760801	21782385
CH322-150M12	CHORI-322	3R	27487533	27507462
CH322-150M15	CHORI-322	2L	14143419	14166123
CH322-150M16	CHORI-322	3R	6485486	6506451
CH322-150M17	CHORI-322	2L	7562361	7581633
CH322-150M18	CHORI-322	X	20357194	20376340
CH322-150M20	CHORI-322	2R	15335820	15357716
CH322-150M22	CHORI-322	4	726470	748602
CH322-150N02	CHORI-322	2L	5835289	5857689
CH322-150N04	CHORI-322	3R	7372176	7390036
CH322-150N05	CHORI-322	2R	3051139	3072126
CH322-150N06	CHORI-322	3R	3123525	3141822
CH322-150N07	CHORI-322	X	17511490	17530532
CH322-150N08	CHORI-322	3R	15573145	15594793
CH322-150N09	CHORI-322	3L	10686701	10705948
CH322-150N10	CHORI-322	2R	5076144	5097293
CH322-150N11	CHORI-322	2R	10259826	10279370
CH322-150N12	CHORI-322	3L	17555315	17576420
CH322-150N13	CHORI-322	2L	9044899	9067658

CH322-150N15	CHORI-322	3L	17896629	17917094
CH322-150N16	CHORI-322	3L	9522856	9545538
CH322-150N18	CHORI-322	X	11572444	11593150
CH322-150N19	CHORI-322	X	17535376	17555209
CH322-150N22	CHORI-322	3R	27560860	27580433
CH322-150N23	CHORI-322	3R	8684244	8705986
CH322-150N24	CHORI-322	X	5966721	5988858
CH322-150O01	CHORI-322	2R	17035569	17059487
CH322-150O02	CHORI-322	2L	1521299	1541821
CH322-150O03	CHORI-322	X	17437987	17457223
CH322-150O05	CHORI-322	3R	20902945	20921281
CH322-150O07	CHORI-322	3R	25519670	25540284
CH322-150O08	CHORI-322	X	7489386	7508658
CH322-150O09	CHORI-322	2L	14278310	14300847
CH322-150O11	CHORI-322	2R	14173612	14195637
CH322-150O12	CHORI-322	2R	2449177	2470425
CH322-150O16	CHORI-322	2L	12658152	12679862
CH322-150O17	CHORI-322	3R	4368308	4390234
CH322-150O18	CHORI-322	2L	7136632	7157857
CH322-150O19	CHORI-322	2R	17039186	17059377
CH322-150O20	CHORI-322	X	16704390	16724774
CH322-150O22	CHORI-322	3R	27485654	27506019
CH322-150O24	CHORI-322	2L	18554640	18573863
CH322-150P01	CHORI-322	3R	8374304	8395441
CH322-150P02	CHORI-322	2L	8527521	8547866
CH322-150P03	CHORI-322	2R	20887183	20911099
CH322-150P05	CHORI-322	3L	34046 56264	
CH322-150P06	CHORI-322	3L	23066794	23086979
CH322-150P07	CHORI-322	2R	10713754	10733096
CH322-150P09	CHORI-322	X	14539409	14559620
CH322-150P10	CHORI-322	3R	4874445	4897060
CH322-150P12	CHORI-322	3L	7730344	7750719
CH322-150P13	CHORI-322	3L	23743478	23764489
CH322-150P14	CHORI-322	3R	7133514	7151619
CH322-150P16	CHORI-322	3R	8649444	8669270
CH322-150P17	CHORI-322	3R	14518505	14538998
CH322-150P18	CHORI-322	2R	12647378	12669594
CH322-150P20	CHORI-322	X	5862908	5881621
CH322-150P21	CHORI-322	3L	94330 114936	
CH322-150P22	CHORI-322	X	6888708	6908484
CH322-151A02	CHORI-322	3L	4598568	4620157
CH322-151A03	CHORI-322	X	4284992	4302287
CH322-151A04	CHORI-322	3R	15856464	15877181
CH322-151A05	CHORI-322	2L	17864149	17884960
CH322-151A06	CHORI-322	3RHet	777275	796921
CH322-151A07	CHORI-322	2R	16347513	16369136
CH322-151A08	CHORI-322	2L	16345156	16366760
CH322-151A09	CHORI-322	2R	8618849	8641236
CH322-151A10	CHORI-322	2R	11493737	11515912
CH322-151A11	CHORI-322	3L	11708893	11729017
CH322-151A14	CHORI-322	3R	23066699	23086568
CH322-151A15	CHORI-322	3R	486608	507615
CH322-151A16	CHORI-322	3R	15234303	15254839
CH322-151A17	CHORI-322	3L	19117279	19137698

CH322-151A18	CHORI-322	2L	21034308	21054206
CH322-151A19	CHORI-322	3L	4771640	4791872
CH322-151A20	CHORI-322	2R	6559296	6579109
CH322-151A22	CHORI-322	3R	13080671	13100006
CH322-151B01	CHORI-322	3L	17951694	17971668
CH322-151B02	CHORI-322	2R	20842775	20862481
CH322-151B03	CHORI-322	3R	4316762	4338138
CH322-151B06	CHORI-322	3R	21999809	22018569
CH322-151B07	CHORI-322	X	14251241	14273619
CH322-151B08	CHORI-322	3RHet	1567703	1583059
CH322-151B09	CHORI-322	3L	17215713	17234232
CH322-151B11	CHORI-322	3R	8402856	8424035
CH322-151B12	CHORI-322	2L	20002265	20025170
CH322-151B13	CHORI-322	3R	3983664	4003303
CH322-151B14	CHORI-322	X	20770563	20791638
CH322-151B15	CHORI-322	3R	24171025	24192538
CH322-151B16	CHORI-322	3R	17790723	17809385
CH322-151B17	CHORI-322	3L	18293981	18314051
CH322-151B18	CHORI-322	3R	13284065	13306223
CH322-151B19	CHORI-322	3L	4957084	4980271
CH322-151B21	CHORI-322	X	6328029	6348390
CH322-151C01	CHORI-322	3R	20239648	20258366
CH322-151C02	CHORI-322	3L	1135462	1158925
CH322-151C03	CHORI-322	3R	26454013	26472929
CH322-151C04	CHORI-322	3R	21250353	21269748
CH322-151C05	CHORI-322	3R	2932162	2950441
CH322-151C06	CHORI-322	2L	18351847	18371754
CH322-151C08	CHORI-322	3R	3327382	3346441
CH322-151C09	CHORI-322	3R	10527789	10548686
CH322-151C10	CHORI-322	3R	12517581	12537486
CH322-151C11	CHORI-322	3R	2219396	2237429
CH322-151C14	CHORI-322	2R	1646917	1667119
CH322-151C15	CHORI-322	X	17709583	17731125
CH322-151C17	CHORI-322	2R	16010659	16032834
CH322-151C18	CHORI-322	3L	17236853	17257659
CH322-151C19	CHORI-322	2R	15965042	15985039
CH322-151C20	CHORI-322	3R	4171720	4191352
CH322-151C21	CHORI-322	X	13850339	13871195
CH322-151C22	CHORI-322	3R	21340093	21358844
CH322-151C23	CHORI-322	X	15271168	15291407
CH322-151C24	CHORI-322	2L	11646408	11667621
CH322-151D01	CHORI-322	2L	16425891	16444475
CH322-151D02	CHORI-322	X	18345849	18366175
CH322-151D04	CHORI-322	3R	6332415	6352714
CH322-151D05	CHORI-322	3L	17656864	17678345
CH322-151D06	CHORI-322	2L	2356801	2374709
CH322-151D07	CHORI-322	2R	17787769	17807000
CH322-151D09	CHORI-322	3R	1122218	1142251
CH322-151D10	CHORI-322	3R	21464032	21482164
CH322-151D11	CHORI-322	3R	9291783	9314106
CH322-151D12	CHORI-322	2L	11851934	11874520
CH322-151D13	CHORI-322	3L	19124153	19145012
CH322-151D14	CHORI-322	3R	25652728	25677158
CH322-151D16	CHORI-322	2L	2439764	2461491

CH322-151D17	CHORI-322	3LHet	576004	595441
CH322-151D18	CHORI-322	3R	15946871	15965741
CH322-151D19	CHORI-322	2L	14026622	14047278
CH322-151D21	CHORI-322	3L	10313225	10332214
CH322-151D22	CHORI-322	2R	12787420	12808479
CH322-151D23	CHORI-322	3R	20976002	20995491
CH322-151D24	CHORI-322	3R	13443156	13463370
CH322-151E01	CHORI-322	3L	1445140	1467272
CH322-151E04	CHORI-322	2R	3124401	3148074
CH322-151E05	CHORI-322	3R	1635616	1656244
CH322-151E07	CHORI-322	3R	24522614	24541454
CH322-151E08	CHORI-322	X	14789297	14808912
CH322-151E09	CHORI-322	2R	6837659	6858578
CH322-151E10	CHORI-322	2R	12559754	12580910
CH322-151E11	CHORI-322	2L	9720304	9743167
CH322-151E13	CHORI-322	3R	8728826	8750053
CH322-151E14	CHORI-322	ArmU	502093	525060
CH322-151E15	CHORI-322	X	10643551	10663909
CH322-151E16	CHORI-322	3L	15333711	15353733
CH322-151E17	CHORI-322	2RHet	709246	730431
CH322-151E19	CHORI-322	3L	12750434	12770756
CH322-151E20	CHORI-322	3L	19415760	19437704
CH322-151E21	CHORI-322	3R	182762	202664
CH322-151E22	CHORI-322	2L	15386502	15406778
CH322-151F02	CHORI-322	3R	25973466	25992418
CH322-151F03	CHORI-322	X	14879792	14900375
CH322-151F04	CHORI-322	X	5606442	5628282
CH322-151F05	CHORI-322	3R	26430503	26449336
CH322-151F07	CHORI-322	ArmU	1180435	1200448
CH322-151F08	CHORI-322	3R	17040890	17064061
CH322-151F09	CHORI-322	3R	22672856	22694239
CH322-151F10	CHORI-322	2R	545092	566604
CH322-151F11	CHORI-322	2L	21911300	21930820
CH322-151F12	CHORI-322	2R	6887705	6908204
CH322-151F13	CHORI-322	3R	13037124	13055977
CH322-151F15	CHORI-322	X	857573	879518
CH322-151F16	CHORI-322	3L	23778472	23800766
CH322-151F17	CHORI-322	2L	9250898	9271294
CH322-151F19	CHORI-322	2L	16061287	16080133
CH322-151F22	CHORI-322	3L	5290987	5311103
CH322-151F23	CHORI-322	3L	4771640	4791872
CH322-151F24	CHORI-322	X	977672	997570
CH322-151G01	CHORI-322	2R	892776	915073
CH322-151G02	CHORI-322	2R	6911748	6930792
CH322-151G04	CHORI-322	2R	6257954	6276507
CH322-151G06	CHORI-322	3L	19621128	19642769
CH322-151G08	CHORI-322	X	13963710	13985304
CH322-151G09	CHORI-322	3R	11571197	11592539
CH322-151G10	CHORI-322	2R	16023948	16043724
CH322-151G12	CHORI-322	2R	15680454	15702114
CH322-151G13	CHORI-322	X	8680674	8700538
CH322-151G14	CHORI-322	3R	3248699	3266963
CH322-151G16	CHORI-322	2R	3165461	3187961
CH322-151G17	CHORI-322	2R	8664574	8686971

CH322-151G18	CHORI-322	3R	26797026	26817883
CH322-151G19	CHORI-322	3R	10072203	10095253
CH322-151G21	CHORI-322	3L	10936758	10955736
CH322-151G22	CHORI-322	4	1094291	1117079
CH322-151G23	CHORI-322	2L	14208073	14228836
CH322-151G24	CHORI-322	2L	11752107	11774114
CH322-151H01	CHORI-322	3LHet	151631	169846
CH322-151H02	CHORI-322	3R	23979724	24000893
CH322-151H03	CHORI-322	2L	14303313	14323579
CH322-151H04	CHORI-322	3R	24419605	24442013
CH322-151H06	CHORI-322	X	12147101	12168885
CH322-151H07	CHORI-322	3L	20717726	20739176
CH322-151H08	CHORI-322	2R	15682266	15704264
CH322-151H09	CHORI-322	2R	19644552	19665189
CH322-151H10	CHORI-322	2L	11765957	11788751
CH322-151H11	CHORI-322	3R	6286939	6308617
CH322-151H12	CHORI-322	2RHet	1639107	1662227
CH322-151H13	CHORI-322	3L	10352456	10371631
CH322-151H14	CHORI-322	3R	24756847	24779281
CH322-151H15	CHORI-322	2L	28706	52036
CH322-151H18	CHORI-322	X	9678768	9698274
CH322-151H19	CHORI-322	X	21837458	21855996
CH322-151H20	CHORI-322	3R	24442010	24461619
CH322-151H21	CHORI-322	2L	1052006	1074749
CH322-151H22	CHORI-322	3R	3158275	3177234
CH322-151H23	CHORI-322	2L	15856227	15879731
CH322-151H24	CHORI-322	2L	21104398	21124332
CH322-151I01	CHORI-322	3L	22324506	22345113
CH322-151I04	CHORI-322	3L	18195852	18216578
CH322-151I05	CHORI-322	3L	5156651	5178670
CH322-151I06	CHORI-322	3L	2568213	2585716
CH322-151I07	CHORI-322	3L	5977101	5996755
CH322-151I08	CHORI-322	X	20090608	20111013
CH322-151I09	CHORI-322	3R	20207089	20227536
CH322-151I10	CHORI-322	2L	18182459	18202386
CH322-151I11	CHORI-322	3L	5432500	5452816
CH322-151I13	CHORI-322	3R	15723986	15745957
CH322-151I14	CHORI-322	2L	1952612	1974583
CH322-151I15	CHORI-322	3LHet	1054730	1075164
CH322-151I17	CHORI-322	X	15254494	15275931
CH322-151I18	CHORI-322	2L	8532445	8551357
CH322-151I19	CHORI-322	3R	5170559	5190157
CH322-151I20	CHORI-322	X	14291476	14311751
CH322-151I23	CHORI-322	2R	9125734	9147080
CH322-151I24	CHORI-322	3R	2275162	2294953
CH322-151J01	CHORI-322	3L	17471125	17493405
CH322-151J04	CHORI-322	2L	6263791	6284097
CH322-151J05	CHORI-322	3L	542350	562939
CH322-151J06	CHORI-322	X	627717	647594
CH322-151J07	CHORI-322	2L	4918251	4939190
CH322-151J08	CHORI-322	3L	17931349	17951153
CH322-151J09	CHORI-322	3L	552315	572352
CH322-151J11	CHORI-322	3R	20787618	20804339
CH322-151J12	CHORI-322	2L	1531998	1552780

CH322-151J13	CHORI-322	2R	19849601	19870279
CH322-151J14	CHORI-322	4	443320	461439
CH322-151J16	CHORI-322	X	15207493	15230858
CH322-151J18	CHORI-322	3R	6311757	6331415
CH322-151J20	CHORI-322	2R	820245	838212
CH322-151J21	CHORI-322	3R	182387	202159
CH322-151J23	CHORI-322	X	16465850	16488130
CH322-151J24	CHORI-322	2R	17446922	17471482
CH322-151K01	CHORI-322	2R	19494422	19516180
CH322-151K02	CHORI-322	XHet	134200	158041
CH322-151K04	CHORI-322	3R	10801753	10820991
CH322-151K05	CHORI-322	X	10321405	10339528
CH322-151K06	CHORI-322	2R	2391025	2414311
CH322-151K08	CHORI-322	2R	15695238	15717450
CH322-151K09	CHORI-322	3R	18017450	18036358
CH322-151K10	CHORI-322	2R	10261880	10284172
CH322-151K11	CHORI-322	3L	10530691	10551630
CH322-151K13	CHORI-322	2R	11676082	11699200
CH322-151K14	CHORI-322	2L	547788	572473
CH322-151K15	CHORI-322	3R	7039864	7060964
CH322-151K16	CHORI-322	2L	5664135	5685355
CH322-151K17	CHORI-322	2L	9211877	9230695
CH322-151K18	CHORI-322	3L	13792436	13813275
CH322-151K19	CHORI-322	3L	18537967	18557453
CH322-151K20	CHORI-322	3L	17550457	17570575
CH322-151K21	CHORI-322	3R	19321916	19344310
CH322-151K22	CHORI-322	3R	2887307	2909241
CH322-151L02	CHORI-322	3R	16017906	16037406
CH322-151L04	CHORI-322	3R	5712367	5736592
CH322-151L05	CHORI-322	3R	10676864	10694464
CH322-151L06	CHORI-322	X	2281547	2302433
CH322-151L07	CHORI-322	3L	17892863	17913651
CH322-151L08	CHORI-322	2R	16011353	16031891
CH322-151L09	CHORI-322	2L	21577494	21596975
CH322-151L11	CHORI-322	3R	18743536	18763503
CH322-151L12	CHORI-322	3R	15852408	15873993
CH322-151L13	CHORI-322	3R	1684694	1705019
CH322-151L14	CHORI-322	X	19020040	19041227
CH322-151L16	CHORI-322	3L	12958632	12977390
CH322-151L17	CHORI-322	3R	3245537	3268408
CH322-151L18	CHORI-322	3LHet	2009668	2030042
CH322-151L19	CHORI-322	3L	18644069	18665703
CH322-151L20	CHORI-322	3R	19468092	19488567
CH322-151L21	CHORI-322	X	16779826	16800578
CH322-151L22	CHORI-322	X	19336689	19356606
CH322-151L23	CHORI-322	3L	10182096	10206292
CH322-151M01	CHORI-322	2R	2383434	2407218
CH322-151M02	CHORI-322	3L	8396247	8417581
CH322-151M03	CHORI-322	2L	14488705	14508284
CH322-151M04	CHORI-322	2L	12445886	12468135
CH322-151M05	CHORI-322	3L	15778977	15802067
CH322-151M06	CHORI-322	2R	19050605	19072149
CH322-151M07	CHORI-322	3L	1568186	1587233
CH322-151M08	CHORI-322	X	5884629	5904944

CH322-151M09	CHORI-322	2L	21746415	21765336
CH322-151M10	CHORI-322	X	9817977	9838816
CH322-151M11	CHORI-322	2R	4545941	4565326
CH322-151M12	CHORI-322	2R	6577636	6597003
CH322-151M13	CHORI-322	2L	10129057	10147337
CH322-151M14	CHORI-322	2R	7188568	7210238
CH322-151M15	CHORI-322	3R	3893275	3914549
CH322-151M17	CHORI-322	3R	6175605	6196598
CH322-151M18	CHORI-322	X	12200122	12219733
CH322-151M19	CHORI-322	X	5541577	5565155
CH322-151M21	CHORI-322	2R	19889114	19910732
CH322-151M22	CHORI-322	3R	17166624	17187702
CH322-151M24	CHORI-322	2R	16335955	16357332
CH322-151N01	CHORI-322	3R	7085899	7106308
CH322-151N02	CHORI-322	2L	4316406	4336938
CH322-151N03	CHORI-322	3R	19534983	19553647
CH322-151N04	CHORI-322	2L	2310556	2332491
CH322-151N05	CHORI-322	X	17137674	17157846
CH322-151N06	CHORI-322	2L	2052653	2074471
CH322-151N07	CHORI-322	2L	3705615	3725165
CH322-151N08	CHORI-322	2R	14008795	14031924
CH322-151N09	CHORI-322	3L	1221600	1240193
CH322-151N10	CHORI-322	3R	15699079	15718106
CH322-151N12	CHORI-322	2R	14227018	14246470
CH322-151N13	CHORI-322	2R	18992101	19012413
CH322-151N14	CHORI-322	2R	8397902	8417975
CH322-151N15	CHORI-322	3R	25618208	25641955
CH322-151N16	CHORI-322	3L	18612523	18634279
CH322-151N17	CHORI-322	2L	10257792	10279889
CH322-151N18	CHORI-322	2R	17077910	17100715
CH322-151N19	CHORI-322	3L	1764062	1786422
CH322-151N21	CHORI-322	3L	24014704	24036403
CH322-151N22	CHORI-322	2L	5090954	5111382
CH322-151N23	CHORI-322	2L	16758708	16778478
CH322-151N24	CHORI-322	3L	5319405	5338355
CH322-151O01	CHORI-322	2L	4257881	4278407
CH322-151O02	CHORI-322	2R	6325178	6344057
CH322-151O03	CHORI-322	2L	16388107	16411042
CH322-151O04	CHORI-322	2R	16179046	16198603
CH322-151O06	CHORI-322	3L	2268404	2290507
CH322-151O07	CHORI-322	3L	13248539	13268253
CH322-151O08	CHORI-322	X	9570141	9590358
CH322-151O09	CHORI-322	2L	10702632	10723340
CH322-151O10	CHORI-322	2R	12766247	12785373
CH322-151O11	CHORI-322	X	20750353	20769598
CH322-151O12	CHORI-322	2L	3922539	3940482
CH322-151O14	CHORI-322	2R	17141353	17160409
CH322-151O15	CHORI-322	2R	13241444	13261475
CH322-151O16	CHORI-322	X	9207180	9226725
CH322-151O17	CHORI-322	3R	898200	916972
CH322-151O18	CHORI-322	3L	11240284	11259215
CH322-151O19	CHORI-322	2R	6881126	6901740
CH322-151O20	CHORI-322	3L	14248169	14268105
CH322-151O22	CHORI-322	3R	19346089	19369744

CH322-151P03	CHORI-322	3R	24289932	24310064
CH322-151P04	CHORI-322	2L	19202943	19222626
CH322-151P09	CHORI-322	3R	25441055	25463249
CH322-151P10	CHORI-322	3R	12005379	12025147
CH322-151P11	CHORI-322	2L	11285997	11306945
CH322-151P13	CHORI-322	3R	23425354	23447074
CH322-151P15	CHORI-322	2L	15284987	15303824
CH322-151P17	CHORI-322	3L	1112576	1135465
CH322-151P19	CHORI-322	3L	12423396	12443481
CH322-151P20	CHORI-322	3R	6529814	6549119
CH322-151P21	CHORI-322	3R	10027174	10048034
CH322-152A02	CHORI-322	3R	9840881	9861368
CH322-152A03	CHORI-322	2L	21644787	21665002
CH322-152A04	CHORI-322	2L	5970329	5989927
CH322-152A10	CHORI-322	3L	11171375	11193141
CH322-152A12	CHORI-322	2L	14550401	14568326
CH322-152A13	CHORI-322	3L	22875041	22894022
CH322-152A15	CHORI-322	2L	2962006	2981838
CH322-152A16	CHORI-322	3L	23208627	23228944
CH322-152A17	CHORI-322	2L	15073188	15094900
CH322-152A18	CHORI-322	3R	7421681	7445150
CH322-152A20	CHORI-322	3R	10969076	10991798
CH322-152A22	CHORI-322	2R	6246250	6265888
CH322-152B01	CHORI-322	3L	12151292	12171396
CH322-152B02	CHORI-322	3L	10590365	10611042
CH322-152B03	CHORI-322	3L	8255418	8275620
CH322-152B04	CHORI-322	3R	4421015	4442904
CH322-152B05	CHORI-322	3R	26984306	27005624
CH322-152B07	CHORI-322	X	3082751	3104235
CH322-152B09	CHORI-322	3R	13071772	13090150
CH322-152B11	CHORI-322	3L	20506478	20526166
CH322-152B12	CHORI-322	3L	19610716	19630529
CH322-152B13	CHORI-322	2R	1227318	1247729
CH322-152B14	CHORI-322	3R	2671837	2691199
CH322-152B15	CHORI-322	2L	10524471	10545974
CH322-152B17	CHORI-322	3L	4904990	4925599
CH322-152B18	CHORI-322	2R	18548327	18570120
CH322-152B20	CHORI-322	2R	19792026	19811909
CH322-152B21	CHORI-322	2R	7818040	7840178
CH322-152B22	CHORI-322	3R	8570941	8592442
CH322-152C01	CHORI-322	3R	23031269	23053522
CH322-152C02	CHORI-322	2R	7855384	7873967
CH322-152C03	CHORI-322	3R	132552	155158
CH322-152C04	CHORI-322	3L	24004313	24024623
CH322-152C06	CHORI-322	3RHet	1186744	1207845
CH322-152C08	CHORI-322	2L	13540955	13563012
CH322-152C10	CHORI-322	2R	4377132	4399427
CH322-152C12	CHORI-322	2L	1499904	1519328
CH322-152C14	CHORI-322	3L	14599362	14620792
CH322-152C16	CHORI-322	X	7083684	7103458
CH322-152C18	CHORI-322	3R	7745424	7765960
CH322-152C19	CHORI-322	3R	24105145	24125439
CH322-152C20	CHORI-322	3R	8032061	8051343
CH322-152C22	CHORI-322	2L	17152742	17172803

CH322-152C24	CHORI-322	2L	6087398	6107138
CH322-152D01	CHORI-322	2R	10781399	10802242
CH322-152D03	CHORI-322	X	11000725	11022718
CH322-152D04	CHORI-322	2L	7805081	7823974
CH322-152D05	CHORI-322	X	6434356	6454880
CH322-152D06	CHORI-322	3L	20125081	20148805
CH322-152D07	CHORI-322	2L	7922226	7942623
CH322-152D08	CHORI-322	3R	2895552	2915873
CH322-152D10	CHORI-322	3R	413781	433317
CH322-152D11	CHORI-322	3R	18921693	18941932
CH322-152D12	CHORI-322	2L	10583795	10606466
CH322-152D15	CHORI-322	X	5709868	5730848
CH322-152D16	CHORI-322	2R	6580842	6601799
CH322-152D17	CHORI-322	3L	20640661	20659850
CH322-152D18	CHORI-322	X	4862013	4883344
CH322-152D19	CHORI-322	3L	23797151	23817480
CH322-152D20	CHORI-322	2L	16941412	16960639
CH322-152D22	CHORI-322	2R	7511319	7532923
CH322-152D23	CHORI-322	3R	18571204	18594164
CH322-152D24	CHORI-322	3L	23005185	23027826
CH322-152E01	CHORI-322	3L	21133461	21153665
CH322-152E03	CHORI-322	2L	13505700	13527288
CH322-152E04	CHORI-322	2RHet	2270991	2291059
CH322-152E05	CHORI-322	X	12821883	12841382
CH322-152E06	CHORI-322	X	16645290	16668813
CH322-152E07	CHORI-322	X	15881995	15901872
CH322-152E08	CHORI-322	3R	24254805	24273155
CH322-152E10	CHORI-322	3R	13403863	13424808
CH322-152E11	CHORI-322	3L	14012100	14033653
CH322-152E12	CHORI-322	2R	3780785	3799767
CH322-152E13	CHORI-322	2R	8409307	8428118
CH322-152E14	CHORI-322	3R	1683699	1703867
CH322-152E15	CHORI-322	2R	3761971	3782022
CH322-152E16	CHORI-322	3R	11570434	11591927
CH322-152E17	CHORI-322	3R	9643741	9661751
CH322-152E18	CHORI-322	3R	19086665	19108587
CH322-152E19	CHORI-322	2L	18398653	18419593
CH322-152E20	CHORI-322	3R	22113318	22131837
CH322-152E21	CHORI-322	3L	16957549	16976854
CH322-152E23	CHORI-322	X	14101015	14121603
CH322-152E24	CHORI-322	3R	16924849	16946827
CH322-152F01	CHORI-322	2RHet	3140369	3160592
CH322-152F03	CHORI-322	3R	20425132	20443024
CH322-152F04	CHORI-322	2R	6731671	6750502
CH322-152F07	CHORI-322	2R	10087361	10107168
CH322-152F08	CHORI-322	X	20506815	20528125
CH322-152F09	CHORI-322	3L	17468770	17488470
CH322-152F11	CHORI-322	2RHet	863463	884333
CH322-152F12	CHORI-322	3R	16991237	17013064
CH322-152F13	CHORI-322	3R	20469642	20487540
CH322-152F15	CHORI-322	X	17229183	17247717
CH322-152F16	CHORI-322	X	19860558	19880686
CH322-152F17	CHORI-322	3L	13313953	13334812
CH322-152F18	CHORI-322	3R	11186546	11208468

CH322-152F19	CHORI-322	2R	7596217	7614196
CH322-152F21	CHORI-322	2R	11493772	11515626
CH322-152G01	CHORI-322	3L	3299886	3318947
CH322-152G02	CHORI-322	2R	11831462	11856257
CH322-152G03	CHORI-322	3R	23024181	23046735
CH322-152G07	CHORI-322	2L	14157649	14180184
CH322-152G08	CHORI-322	ArmU	2217525	2238143
CH322-152G09	CHORI-322	2L	17244792	17264214
CH322-152G10	CHORI-322	X	7325556	7346014
CH322-152G13	CHORI-322	2R	6986442	7007756
CH322-152G15	CHORI-322	2L	2627039	2650090
CH322-152G16	CHORI-322	2L	6880192	6902996
CH322-152G17	CHORI-322	3R	19913240	19932534
CH322-152G18	CHORI-322	3R	3777174	3796229
CH322-152G19	CHORI-322	2R	14421026	14441930
CH322-152G22	CHORI-322	3L	7082420	7104256
CH322-152G23	CHORI-322	2R	13520402	13542161
CH322-152G24	CHORI-322	4	181682	203384
CH322-152H02	CHORI-322	2RHet	101668	120586
CH322-152H04	CHORI-322	3L	14704887	14726350
CH322-152H06	CHORI-322	2L	2357067	2377460
CH322-152H07	CHORI-322	3L	4706156	4728386
CH322-152H08	CHORI-322	3R	7724979	7745427
CH322-152H09	CHORI-322	3L	4811124	4832213
CH322-152H10	CHORI-322	2L	21565603	21585024
CH322-152H11	CHORI-322	3R	15645945	15665078
CH322-152H12	CHORI-322	3R	19742814	19763030
CH322-152H14	CHORI-322	3L	7604732	7623042
CH322-152H15	CHORI-322	X	18832328	18852963
CH322-152H16	CHORI-322	3R	4061342	4083740
CH322-152H18	CHORI-322	3R	27186460	27210214
CH322-152H19	CHORI-322	2L	19891282	19913079
CH322-152H20	CHORI-322	3L	6538861	6560769
CH322-152H22	CHORI-322	X	15312901	15332593
CH322-152H23	CHORI-322	2L	12219799	12239944
CH322-152H24	CHORI-322	3R	1907537	1926954
CH322-152I01	CHORI-322	2L	15559009	15581967
CH322-152I02	CHORI-322	3L	10459928	10478897
CH322-152I04	CHORI-322	3L	11317420	11338062
CH322-152I05	CHORI-322	3R	3885693	3905420
CH322-152I06	CHORI-322	3R	10686349	10705597
CH322-152I07	CHORI-322	X	12150029	12169191
CH322-152I08	CHORI-322	3L	14709232	14731719
CH322-152I10	CHORI-322	3R	7671944	7692351
CH322-152I11	CHORI-322	X	3462908	3484383
CH322-152I12	CHORI-322	X	4290783	4312010
CH322-152I13	CHORI-322	2R	5752427	5772058
CH322-152I14	CHORI-322	3LHet	2136597	2156785
CH322-152I15	CHORI-322	X	10110314	10130850
CH322-152I17	CHORI-322	3R	13092446	13111952
CH322-152I19	CHORI-322	2R	12229116	12250770
CH322-152I22	CHORI-322	4	130052	147511
CH322-152I23	CHORI-322	3L	8880394	8902423
CH322-152J02	CHORI-322	2L	3978517	3999835

CH322-152J03	CHORI-322	2R	17785767	17808102
CH322-152J04	CHORI-322	2L	17604407	17624595
CH322-152J06	CHORI-322	2L	20461341	20482569
CH322-152J07	CHORI-322	2L	17572181	17592405
CH322-152J09	CHORI-322	3R	1242470	1263083
CH322-152J10	CHORI-322	2L	8077370	8095932
CH322-152J11	CHORI-322	3R	8804806	8825199
CH322-152J12	CHORI-322	3R	10396934	10416718
CH322-152J13	CHORI-322	2R	17092640	17114670
CH322-152J14	CHORI-322	2L	16815512	16835566
CH322-152J15	CHORI-322	X	15577621	15601025
CH322-152J16	CHORI-322	2L	21060371	21080419
CH322-152J17	CHORI-322	2RHet	3032123	3052779
CH322-152J18	CHORI-322	2L	7615148	7633448
CH322-152J19	CHORI-322	2R	2094588	2114312
CH322-152J21	CHORI-322	3R	21318868	21339849
CH322-152J22	CHORI-322	2R	19032979	19055261
CH322-152J23	CHORI-322	3R	12526709	12546536
CH322-152K08	CHORI-322	2L	7137309	7158385
CH322-152K11	CHORI-322	X	6298366	6320780
CH322-152K13	CHORI-322	2L	7887025	7909574
CH322-152K14	CHORI-322	3R	11954665	11975970
CH322-152K15	CHORI-322	X	6097386	6116954
CH322-152K16	CHORI-322	X	15408284	15428607
CH322-152K18	CHORI-322	2L	17088622	17110319
CH322-152K21	CHORI-322	3L	3464377	3485167
CH322-152K22	CHORI-322	3R	5019338	5039844
CH322-152K23	CHORI-322	3R	21000163	21021201
CH322-152K24	CHORI-322	3R	5771389	5789994
CH322-152L03	CHORI-322	2L	22868143	22890354
CH322-152L04	CHORI-322	3R	9535971	9554967
CH322-152L09	CHORI-322	2R	11283062	11303329
CH322-152L13	CHORI-322	2L	17946852	17969443
CH322-152L14	CHORI-322	3L	10681191	10703524
CH322-152L15	CHORI-322	3L	17552921	17572464
CH322-152L16	CHORI-322	3R	14687840	14707422
CH322-152L18	CHORI-322	3R	15693686	15715419
CH322-152L20	CHORI-322	4	119404	138534
CH322-152L21	CHORI-322	2R	9893926	9915453
CH322-152L22	CHORI-322	3R	23391249	23414851
CH322-152L23	CHORI-322	3L	20127304	20147436
CH322-152L24	CHORI-322	3R	6452721	6473227
CH322-152M01	CHORI-322	2R	15961534	15983451
CH322-152M03	CHORI-322	3L	472093	491701
CH322-152M05	CHORI-322	3R	9738711	9759636
CH322-152M06	CHORI-322	3L	23346995	23368737
CH322-152M07	CHORI-322	ArmU	201918	221182
CH322-152M08	CHORI-322	2L	21223104	21242821
CH322-152M09	CHORI-322	3RHet	2108611	2128330
CH322-152M10	CHORI-322	2LHet	136637	155942
CH322-152M12	CHORI-322	3R	6797234	6818031
CH322-152M13	CHORI-322	3R	12242597	12264361
CH322-152M18	CHORI-322	3R	22295005	22315434
CH322-152M19	CHORI-322	2R	5123454	5146790

CH322-152M20	CHORI-322	3L	12367259	12386353
CH322-152N02	CHORI-322	2L	8006525	8026102
CH322-152N03	CHORI-322	2L	4286524	4306816
CH322-152N05	CHORI-322	X	16944497	16965518
CH322-152N06	CHORI-322	X	14658547	14678446
CH322-152N07	CHORI-322	3R	18293846	18313506
CH322-152N08	CHORI-322	2R	3760463	3782022
CH322-152N09	CHORI-322	3R	8784841	8804876
CH322-152N10	CHORI-322	X	12115366	12135686
CH322-152N11	CHORI-322	2R	19710774	19730600
CH322-152N12	CHORI-322	2R	9945360	9967773
CH322-152N13	CHORI-322	3R	17873525	17893274
CH322-152N14	CHORI-322	3L	278436	297720
CH322-152N15	CHORI-322	3L	22438683	22458880
CH322-152N16	CHORI-322	2R	9305757	9327762
CH322-152N17	CHORI-322	2L	7389270	7413560
CH322-152N18	CHORI-322	2L	2204660	2225442
CH322-152N19	CHORI-322	3R	4786912	4808225
CH322-152N22	CHORI-322	2R	15420058	15443077
CH322-152N23	CHORI-322	2R	11273532	11293567
CH322-152O02	CHORI-322	3R	12768785	12788333
CH322-152O03	CHORI-322	3R	4965454	4984929
CH322-152O08	CHORI-322	X	5488621	5507763
CH322-152O09	CHORI-322	3L	21915158	21936857
CH322-152O10	CHORI-322	3R	5182550	5203744
CH322-152O11	CHORI-322	2L	21641898	21660337
CH322-152O13	CHORI-322	2R	20529427	20551448
CH322-152O15	CHORI-322	2RHet	417966	438227
CH322-152O16	CHORI-322	X	2709061	2730160
CH322-152O17	CHORI-322	3L	5160833	5179384
CH322-152O18	CHORI-322	3R	21722886	21744483
CH322-152O21	CHORI-322	2R	3798468	3816409
CH322-152O22	CHORI-322	2L	543703	563140
CH322-152O24	CHORI-322	2L	14402732	14424643
CH322-152P01	CHORI-322	3R	13925347	13943600
CH322-152P07	CHORI-322	X	6471677	6492010
CH322-152P08	CHORI-322	2R	3562042	3582113
CH322-152P09	CHORI-322	3R	2053644	2075538
CH322-152P10	CHORI-322	X	8523945	8543415
CH322-152P14	CHORI-322	3L	3443414	3464169
CH322-152P15	CHORI-322	3R	19994255	20017396
CH322-152P16	CHORI-322	X	20464581	20485472
CH322-152P18	CHORI-322	X	19870864	19893170
CH322-152P19	CHORI-322	2R	18694391	18714308
CH322-152P20	CHORI-322	3R	7923826	7944343
CH322-152P21	CHORI-322	2L	20478309	20498967
CH322-152P22	CHORI-322	3R	10311137	10329903
CH322-152P24	CHORI-322	2L	11861860	11882147
CH322-153A02	CHORI-322	2R	5205205	5227443
CH322-153A03	CHORI-322	2R	3893620	3914775
CH322-153A05	CHORI-322	2RHet	111781	132930
CH322-153A07	CHORI-322	2L	6433694	6453839
CH322-153A08	CHORI-322	X	6321120	6343000
CH322-153A09	CHORI-322	2L	12502864	12520622

CH322-153A10	CHORI-322	2R	13664548	13685047
CH322-153A11	CHORI-322	3L	5669948	5687957
CH322-153A12	CHORI-322	2L	19300415	19323179
CH322-153A14	CHORI-322	X	16801842	16822815
CH322-153A15	CHORI-322	2L	5707811	5727551
CH322-153A16	CHORI-322	X	10671289	10694737
CH322-153A17	CHORI-322	X	15089991	15111209
CH322-153A19	CHORI-322	3L	20840490	20862378
CH322-153A20	CHORI-322	2L	17443337	17462289
CH322-153A24	CHORI-322	X	11255131	11274832
CH322-153B01	CHORI-322	3L	18471873	18491330
CH322-153B05	CHORI-322	3R	14662104	14682326
CH322-153B06	CHORI-322	3R	8605129	8625390
CH322-153B08	CHORI-322	3R	22729696	22750614
CH322-153B09	CHORI-322	2R	15164236	15184550
CH322-153B10	CHORI-322	2R	14898398	14917091
CH322-153B11	CHORI-322	3L	21029067	21047092
CH322-153B12	CHORI-322	X	13646601	13662799
CH322-153B13	CHORI-322	2R	12282956	12306143
CH322-153B14	CHORI-322	2L	8574486	8594639
CH322-153B15	CHORI-322	2L	18436957	18455900
CH322-153B16	CHORI-322	2L	11305497	11327875
CH322-153B17	CHORI-322	2R	665433	687373
CH322-153B18	CHORI-322	2R	9397425	9417208
CH322-153B19	CHORI-322	2R	1766261	1786419
CH322-153B20	CHORI-322	3RHet	871721	893915
CH322-153B21	CHORI-322	3R	24779227	24800888
CH322-153B22	CHORI-322	X	15023612	15044880
CH322-153B23	CHORI-322	3R	16034041	16055868
CH322-153C02	CHORI-322	2L	8475790	8496868
CH322-153C03	CHORI-322	3R	14179524	14203326
CH322-153C04	CHORI-322	X	18299064	18318379
CH322-153C05	CHORI-322	2R	4932512	4954272
CH322-153C06	CHORI-322	3L	13967443	13987920
CH322-153C08	CHORI-322	2L	10154150	10173549
CH322-153C09	CHORI-322	2R	4374901	4397695
CH322-153C10	CHORI-322	2R	17342376	17363707
CH322-153C11	CHORI-322	2RHet	3140369	3160592
CH322-153C12	CHORI-322	3L	9572439	9593484
CH322-153C14	CHORI-322	2R	13283826	13306169
CH322-153C16	CHORI-322	3L	16968734	16989744
CH322-153C17	CHORI-322	2R	16988167	17012207
CH322-153C18	CHORI-322	3R	2674651	2694119
CH322-153C20	CHORI-322	2R	4185813	4206932
CH322-153C21	CHORI-322	2R	17471762	17491777
CH322-153C22	CHORI-322	3LHet	2255351	2277288
CH322-153C23	CHORI-322	2L	18535053	18556729
CH322-153C24	CHORI-322	3R	21027803	21049906
CH322-153D01	CHORI-322	3L	15467101	15489953
CH322-153D03	CHORI-322	3R	166605	187808
CH322-153D05	CHORI-322	X	7403294	7421341
CH322-153D07	CHORI-322	2L	16002659	16024547
CH322-153D09	CHORI-322	2R	1797408	1819834
CH322-153D10	CHORI-322	X	14580853	14602587

CH322-153D11	CHORI-322	2R	19012094	19032982
CH322-153D12	CHORI-322	3L	13297389	13316151
CH322-153D13	CHORI-322	2R	12688907	12708989
CH322-153D14	CHORI-322	3R	2317191	2337449
CH322-153D15	CHORI-322	3L	16323253	16342940
CH322-153D16	CHORI-322	2L	2297489	2319618
CH322-153D17	CHORI-322	2R	510135	529425
CH322-153D18	CHORI-322	3R	11558358	11580390
CH322-153D19	CHORI-322	2R	9330871	9353371
CH322-153D21	CHORI-322	2L	14714298	14736518
CH322-153D22	CHORI-322	2R	6439130	6456778
CH322-153D23	CHORI-322	2L	9805348	9825827
CH322-153E01	CHORI-322	2L	930323	949491
CH322-153E02	CHORI-322	X	3566768	3586306
CH322-153E03	CHORI-322	2R	19871180	19891803
CH322-153E04	CHORI-322	2L	9178479	9200759
CH322-153E07	CHORI-322	3R	14131059	14151187
CH322-153E08	CHORI-322	2L	7900829	7922745
CH322-153E09	CHORI-322	3L	12089424	12111699
CH322-153E10	CHORI-322	2L	18682935	18704096
CH322-153E11	CHORI-322	2R	16066139	16089126
CH322-153E13	CHORI-322	3R	12646595	12670179
CH322-153E14	CHORI-322	2L	6150149	6169433
CH322-153E15	CHORI-322	X	18118550	18136587
CH322-153E17	CHORI-322	2L	21370543	21390193
CH322-153E18	CHORI-322	3R	19469600	19492035
CH322-153E20	CHORI-322	X	2918317	2938426
CH322-153F01	CHORI-322	3L	10038926	10059126
CH322-153F02	CHORI-322	3R	2827999	2848393
CH322-153F03	CHORI-322	3L	2851020	2874500
CH322-153F05	CHORI-322	3L	17425434	17448451
CH322-153F07	CHORI-322	2R	12425070	12444202
CH322-153F09	CHORI-322	3L	5540715	5560824
CH322-153F10	CHORI-322	3L	2253301	2277261
CH322-153F12	CHORI-322	2R	19825213	19845896
CH322-153F13	CHORI-322	3L	11897907	11916747
CH322-153F15	CHORI-322	3L	1531348	1552059
CH322-153F17	CHORI-322	3R	12501674	12521693
CH322-153F19	CHORI-322	3L	13215997	13239144
CH322-153F21	CHORI-322	3R	26148164	26168813
CH322-153F22	CHORI-322	3L	17655452	17675754
CH322-153F24	CHORI-322	3L	2510590	2530046
CH322-153G01	CHORI-322	2R	7772960	7793935
CH322-153G02	CHORI-322	2R	16580179	16602302
CH322-153G03	CHORI-322	X	1708552	1729712
CH322-153G04	CHORI-322	3RHet	579337	599263
CH322-153G05	CHORI-322	2R	18021901	18039940
CH322-153G06	CHORI-322	3L	11134198	11155587
CH322-153G07	CHORI-322	2L	15826822	15846940
CH322-153G08	CHORI-322	2L	14748722	14766834
CH322-153G09	CHORI-322	3R	4708245	4729988
CH322-153G10	CHORI-322	X	8238882	8259506
CH322-153G11	CHORI-322	2R	6541359	6563264
CH322-153G12	CHORI-322	2L	3984698	4005074

CH322-153G13	CHORI-322	2RHet	1677211	1695973
CH322-153G15	CHORI-322	2R	1866318	1886589
CH322-153G16	CHORI-322	3R	8931241	8950642
CH322-153G17	CHORI-322	X	18880606	18900669
CH322-153G18	CHORI-322	X	6193119	6215146
CH322-153G19	CHORI-322	2L	5611942	5634078
CH322-153G20	CHORI-322	3L	8904246	8927195
CH322-153G22	CHORI-322	2R	15694092	15714883
CH322-153G24	CHORI-322	2L	1146975	1168169
CH322-153H01	CHORI-322	2R	278661	297080
CH322-153H03	CHORI-322	X	18245477	18266159
CH322-153H04	CHORI-322	X	877954	898240
CH322-153H05	CHORI-322	2L	5620311	5641953
CH322-153H06	CHORI-322	X	12157530	12179854
CH322-153H07	CHORI-322	ArmU	2159039	2183474
CH322-153H08	CHORI-322	X	14859289	14882283
CH322-153H09	CHORI-322	3L	15044220	15063353
CH322-153H11	CHORI-322	X	447376	467347
CH322-153H12	CHORI-322	3R	2753875	2775071
CH322-153H13	CHORI-322	3RHet	1164929	1183324
CH322-153H14	CHORI-322	3R	23494985	23518346
CH322-153H15	CHORI-322	X	9956556	9977304
CH322-153H16	CHORI-322	3R	18442817	18463832
CH322-153H17	CHORI-322	2L	19366546	19387593
CH322-153I01	CHORI-322	3L	6252115	6272900
CH322-153I02	CHORI-322	2L	14028774	14049772
CH322-153I03	CHORI-322	2R	17342376	17363065
CH322-153I04	CHORI-322	2R	6044196	6064690
CH322-153I05	CHORI-322	3L	5727262	5747247
CH322-153I07	CHORI-322	2L	10081871	10101168
CH322-153I08	CHORI-322	3LHet	36861	51973
CH322-153I09	CHORI-322	X	14385941	14406349
CH322-153I10	CHORI-322	3L	15771163	15792095
CH322-153I11	CHORI-322	2R	4258229	4278822
CH322-153I12	CHORI-322	3R	24582033	24604372
CH322-153I13	CHORI-322	2L	8661165	8682108
CH322-153I14	CHORI-322	X	14421952	14443961
CH322-153I15	CHORI-322	2R	174423	193722
CH322-153I16	CHORI-322	3R	25698656	25720330
CH322-153I17	CHORI-322	2L	21711621	21729817
CH322-153I18	CHORI-322	2R	7709857	7730159
CH322-153I20	CHORI-322	3L	10716256	10736503
CH322-153I21	CHORI-322	3L	878531	898251
CH322-153I22	CHORI-322	2L	8326216	8344692
CH322-153I23	CHORI-322	3L	6564059	6583844
CH322-153I24	CHORI-322	3R	1369512	1389759
CH322-153J01	CHORI-322	3L	8690593	8709376
CH322-153J02	CHORI-322	2R	5224422	5243935
CH322-153J03	CHORI-322	X	15167743	15188074
CH322-153J05	CHORI-322	3R	7365544	7388405
CH322-153J08	CHORI-322	3R	23604668	23627858
CH322-153J09	CHORI-322	X	13797567	13816851
CH322-153J10	CHORI-322	3LHet	2198624	2220855
CH322-153J11	CHORI-322	X	19934037	19953220

CH322-153J12	CHORI-322	2R	17656417	17678361
CH322-153J13	CHORI-322	X	3596088	3615615
CH322-153J14	CHORI-322	2R	8251257	8272101
CH322-153J16	CHORI-322	2R	17468597	17491530
CH322-153J17	CHORI-322	3L	6179723	6201589
CH322-153J19	CHORI-322	X	977931	997468
CH322-153J20	CHORI-322	2L	9284522	9303752
CH322-153J21	CHORI-322	3R	16865093	16887513
CH322-153J24	CHORI-322	2R	10705591	10726579
CH322-153K01	CHORI-322	3R	19599160	19621550
CH322-153K02	CHORI-322	2R	9436139	9455152
CH322-153K03	CHORI-322	3L	879654	903176
CH322-153K04	CHORI-322	3L	14096708	14118328
CH322-153K05	CHORI-322	3R	5705383	5726035
CH322-153K06	CHORI-322	2R	15681074	15701202
CH322-153K07	CHORI-322	X	4261802	4281001
CH322-153K08	CHORI-322	3R	15113245	15130724
CH322-153K10	CHORI-322	3R	11823894	11847186
CH322-153K11	CHORI-322	ArmU	1637751	1657649
CH322-153K15	CHORI-322	3R	20801386	20821982
CH322-153K17	CHORI-322	4	946429	968192
CH322-153K18	CHORI-322	2R	11791480	11813477
CH322-153K19	CHORI-322	2L	10617486	10640062
CH322-153K20	CHORI-322	2L	15930102	15949232
CH322-153K21	CHORI-322	3R	5821185	5839651
CH322-153K24	CHORI-322	2R	10542297	10563059
CH322-153L01	CHORI-322	2L	14406520	14426330
CH322-153L02	CHORI-322	3L	4743992	4765568
CH322-153L06	CHORI-322	2L	20292766	20311004
CH322-153L07	CHORI-322	2R	13492869	13514593
CH322-153L08	CHORI-322	2L	2358370	2378578
CH322-153L09	CHORI-322	3R	14021992	14042829
CH322-153L10	CHORI-322	X	17598703	17619778
CH322-153L11	CHORI-322	3R	12362885	12385316
CH322-153L12	CHORI-322	2R	8937351	8959428
CH322-153L13	CHORI-322	2R	9498637	9518091
CH322-153L14	CHORI-322	2R	19740144	19759139
CH322-153L15	CHORI-322	2R	18992017	19012235
CH322-153L16	CHORI-322	3L	2815753	2836268
CH322-153L18	CHORI-322	3L	5982232	6003280
CH322-153L21	CHORI-322	3L	10811049	10832556
CH322-153L23	CHORI-322	3R	25182366	25201409
CH322-153M01	CHORI-322	3L	5492326	5513069
CH322-153M02	CHORI-322	X	6020209	6039366
CH322-153M03	CHORI-322	2R	6877051	6898946
CH322-153M04	CHORI-322	3L	23065871	23085965
CH322-153M05	CHORI-322	3L	9038622	9058377
CH322-153M06	CHORI-322	3L	20321379	20344126
CH322-153M07	CHORI-322	X	6393496	6414057
CH322-153M08	CHORI-322	3R	26818099	26837526
CH322-153M10	CHORI-322	3R	9210062	9229596
CH322-153M11	CHORI-322	3LHet	1319301	1341418
CH322-153M13	CHORI-322	3R	8033228	8053204
CH322-153M14	CHORI-322	3R	5917594	5936024

CH322-153M15	CHORI-322	3L	21402561	21423059
CH322-153M16	CHORI-322	2L	4426041	4446866
CH322-153M18	CHORI-322	X	22197904	22217251
CH322-153M19	CHORI-322	2L	11053026	11074819
CH322-153M20	CHORI-322	3R	6095521	6117719
CH322-153M21	CHORI-322	3RHet	1517593	1538511
CH322-153M22	CHORI-322	2R	7718053	7739127
CH322-153M23	CHORI-322	3R	571960	594031
CH322-153M24	CHORI-322	2R	11493638	11515626
CH322-153N01	CHORI-322	2L	7536137	7557356
CH322-153N02	CHORI-322	2L	4940963	4961704
CH322-153N03	CHORI-322	2L	19337352	19359106
CH322-153N04	CHORI-322	3L	10454691	10478659
CH322-153N05	CHORI-322	2L	4367370	4391145
CH322-153N06	CHORI-322	2L	7427332	7449241
CH322-153N07	CHORI-322	3L	20172901	20194865
CH322-153N08	CHORI-322	2R	19698553	19718196
CH322-153N09	CHORI-322	3L	14897776	14918259
CH322-153N12	CHORI-322	3R	10494968	10517766
CH322-153N13	CHORI-322	3R	3449006	3468241
CH322-153N14	CHORI-322	3L	14416545	14436418
CH322-153N15	CHORI-322	2L	16511340	16531693
CH322-153N16	CHORI-322	3LHet	211628	231546
CH322-153N17	CHORI-322	3R	10085345	10107996
CH322-153N18	CHORI-322	2R	19734132	19757403
CH322-153N19	CHORI-322	2L	15076579	15100058
CH322-153N21	CHORI-322	2L	12475141	12494748
CH322-153N22	CHORI-322	2R	20349881	20369554
CH322-153N23	CHORI-322	3L	18424001	18444640
CH322-153O01	CHORI-322	2L	8136987	8160769
CH322-153O03	CHORI-322	3L	3576016	3595025
CH322-153O04	CHORI-322	2R	12684611	12703194
CH322-153O05	CHORI-322	3R	388590	406168
CH322-153O06	CHORI-322	2R	15821958	15844082
CH322-153O07	CHORI-322	X	4475588	4497567
CH322-153O12	CHORI-322	2R	19450531	19472715
CH322-153O13	CHORI-322	3L	5189143	5209951
CH322-153O15	CHORI-322	X	18818833	18838238
CH322-153O16	CHORI-322	2R	1886599	1907948
CH322-153O17	CHORI-322	3R	134192	156310
CH322-153O18	CHORI-322	3L	24117185	24137291
CH322-153O19	CHORI-322	3R	12414288	12434162
CH322-153O20	CHORI-322	3RHet	777102	796404
CH322-153O22	CHORI-322	X	12281179	12302456
CH322-153P01	CHORI-322	2L	14443361	14466418
CH322-153P04	CHORI-322	2L	10440166	10458564
CH322-153P05	CHORI-322	2L	19868280	19890818
CH322-153P06	CHORI-322	3R	5909812	5930482
CH322-153P07	CHORI-322	3R	9425776	9443627
CH322-153P08	CHORI-322	2L	20033692	20055129
CH322-153P09	CHORI-322	3R	8317460	8337959
CH322-153P10	CHORI-322	2L	16682864	16702066
CH322-153P12	CHORI-322	X	2846852	2868379
CH322-153P13	CHORI-322	3R	6100759	6119079

CH322-153P15	CHORI-322	X	7224636	7244094
CH322-153P17	CHORI-322	3R	23647934	23668634
CH322-153P18	CHORI-322	3R	2626867	2646888
CH322-153P19	CHORI-322	3R	15178250	15199985
CH322-153P21	CHORI-322	3R	22634996	22657234
CH322-153P22	CHORI-322	3R	18748160	18772527
CH322-154A02	CHORI-322	2L	17859907	17880470
CH322-154A03	CHORI-322	3L	24394814	24416953
CH322-154A04	CHORI-322	3L	8585739	8606501
CH322-154A06	CHORI-322	X	17477012	17496977
CH322-154A08	CHORI-322	3R	12489514	12511405
CH322-154A09	CHORI-322	3R	13612950	13634669
CH322-154A12	CHORI-322	2L	19503138	19525162
CH322-154A13	CHORI-322	2L	4051788	4072314
CH322-154A14	CHORI-322	3R	673507	693482
CH322-154A15	CHORI-322	2R	3222361	3241611
CH322-154A16	CHORI-322	3R	25287994	25307747
CH322-154A17	CHORI-322	3R	6741821	6765888
CH322-154A22	CHORI-322	3R	7060961	7083913
CH322-154B02	CHORI-322	X	14869335	14890209
CH322-154B03	CHORI-322	3L	14812572	14833038
CH322-154B04	CHORI-322	3R	3887121	3911226
CH322-154B05	CHORI-322	X	12096118	12117189
CH322-154B06	CHORI-322	2L	22277007	22298066
CH322-154B07	CHORI-322	X	887529	906801
CH322-154B08	CHORI-322	4	1100949	1121379
CH322-154B09	CHORI-322	2L	10309319	10329966
CH322-154B10	CHORI-322	2R	15775299	15796404
CH322-154B11	CHORI-322	3R	5469982	5493183
CH322-154B12	CHORI-322	X	20674497	20695807
CH322-154B13	CHORI-322	4	621700	640948
CH322-154B15	CHORI-322	3L	12820905	12841588
CH322-154B16	CHORI-322	X	17830090	17847801
CH322-154B17	CHORI-322	3L	19070417	19090486
CH322-154B21	CHORI-322	2R	19027513	19046702
CH322-154C01	CHORI-322	3R	14531630	14551065
CH322-154C02	CHORI-322	2L	7157312	7179121
CH322-154C05	CHORI-322	3R	10505167	10527655
CH322-154C06	CHORI-322	X	3874769	3896749
CH322-154C08	CHORI-322	3L	6326122	6348848
CH322-154C11	CHORI-322	3R	8539665	8556871
CH322-154C13	CHORI-322	X	20455920	20476951
CH322-154C14	CHORI-322	2R	20693644	20714884
CH322-154C15	CHORI-322	3L	7699522	7722585
CH322-154C16	CHORI-322	3L	23074791	23094084
CH322-154C18	CHORI-322	3L	14076944	14098496
CH322-154C19	CHORI-322	2R	13908424	13929893
CH322-154C23	CHORI-322	2R	9893409	9916262
CH322-154D02	CHORI-322	X	1252173	1270950
CH322-154D03	CHORI-322	3R	23014250	23036272
CH322-154D05	CHORI-322	3L	20556055	20576365
CH322-154D06	CHORI-322	2L	19094314	19116901
CH322-154D07	CHORI-322	3R	1226494	1246462
CH322-154D08	CHORI-322	2R	7058595	7078979

CH322-154D10	CHORI-322	3L	223982	246468
CH322-154D12	CHORI-322	2L	6682220	6703926
CH322-154D13	CHORI-322	2L	11809252	11828029
CH322-154D14	CHORI-322	2L	3129333	3148708
CH322-154D15	CHORI-322	3R	13610836	13630075
CH322-154D16	CHORI-322	2R	9994546	10014272
CH322-154D17	CHORI-322	X	8895255	8916242
CH322-154D18	CHORI-322	3R	23040914	23061930
CH322-154D20	CHORI-322	2L	5749694	5768068
CH322-154D22	CHORI-322	3R	3054323	3077214
CH322-154D23	CHORI-322	3L	2382457	2402948
CH322-154E01	CHORI-322	3R	928778	949796
CH322-154E03	CHORI-322	2L	7067377	7088721
CH322-154E04	CHORI-322	X	1579238	1603431
CH322-154E05	CHORI-322	2RHet	1718304	1736061
CH322-154E07	CHORI-322	2L	18210806	18230836
CH322-154E10	CHORI-322	3L	6921010	6940383
CH322-154E11	CHORI-322	2R	20104758	20125464
CH322-154E13	CHORI-322	3L	9285778	9307949
CH322-154E14	CHORI-322	2R	16317118	16335119
CH322-154E16	CHORI-322	X	4765752	4785798
CH322-154E21	CHORI-322	3L	19390480	19412161
CH322-154F01	CHORI-322	3L	18705643	18726403
CH322-154F03	CHORI-322	2L	810816	832578
CH322-154F04	CHORI-322	X	12171275	12191236
CH322-154F05	CHORI-322	3L	22692013	22712333
CH322-154F06	CHORI-322	2R	20613604	20633763
CH322-154F07	CHORI-322	2L	151548	171383
CH322-154F08	CHORI-322	3L	2951367	2972443
CH322-154F09	CHORI-322	3R	878031	900835
CH322-154F11	CHORI-322	2RHet	1441667	1460363
CH322-154F12	CHORI-322	X	909099	937025
CH322-154F13	CHORI-322	2L	11099653	11119601
CH322-154F14	CHORI-322	2R	458000	480951
CH322-154F15	CHORI-322	X	8898177	8916280
CH322-154F16	CHORI-322	3R	26605861	26626653
CH322-154F17	CHORI-322	2R	2890730	2909944
CH322-154F18	CHORI-322	2R	8320527	8342653
CH322-154F19	CHORI-322	3R	3597177	3619325
CH322-154F21	CHORI-322	3R	23500249	23521004
CH322-154F22	CHORI-322	3R	5759038	5779817
CH322-154G02	CHORI-322	3R	9481488	9502810
CH322-154G03	CHORI-322	3L	7729882	7748793
CH322-154G04	CHORI-322	2L	6726669	6745472
CH322-154G05	CHORI-322	3R	22664911	22687702
CH322-154G06	CHORI-322	3R	7002140	7025430
CH322-154G07	CHORI-322	X	11205103	11222893
CH322-154G08	CHORI-322	2R	2106598	2128663
CH322-154G09	CHORI-322	3R	23947225	23966122
CH322-154G10	CHORI-322	3L	2603621	2625664
CH322-154G13	CHORI-322	2R	10130762	10155391
CH322-154G16	CHORI-322	3L	11914294	11938068
CH322-154G17	CHORI-322	2L	1724851	1746547
CH322-154G19	CHORI-322	3R	18666275	18684784

CH322-154G20	CHORI-322	3L	11845416	11863623
CH322-154G21	CHORI-322	2R	19493371	19516174
CH322-154G22	CHORI-322	2R	6813724	6832406
CH322-154G23	CHORI-322	3R	924686	945144
CH322-154G24	CHORI-322	2R	18342583	18364328
CH322-154H01	CHORI-322	2R	9610614	9629148
CH322-154H02	CHORI-322	3L	2186293	2206615
CH322-154H03	CHORI-322	2L	12112712	12135342
CH322-154H04	CHORI-322	3L	17591473	17610239
CH322-154H06	CHORI-322	3R	25136872	25158367
CH322-154H07	CHORI-322	3L	14877661	14897634
CH322-154H09	CHORI-322	2R	20099374	20118585
CH322-154H11	CHORI-322	3R	20194094	20216498
CH322-154H12	CHORI-322	3R	16274285	16295214
CH322-154H13	CHORI-322	3R	1140393	1160484
CH322-154H14	CHORI-322	3R	14934562	14957167
CH322-154H16	CHORI-322	3R	22891832	22913833
CH322-154H17	CHORI-322	3R	17090964	17110498
CH322-154H18	CHORI-322	X	775605	796212
CH322-154H19	CHORI-322	3R	23734756	23753822
CH322-154H20	CHORI-322	2L	15930994	15950113
CH322-154H23	CHORI-322	2L	22818018	22838110
CH322-154H24	CHORI-322	3L	12993399	13012335
CH322-154I03	CHORI-322	2L	6200943	6219144
CH322-154I05	CHORI-322	2R	9453359	9470575
CH322-154I06	CHORI-322	X	12416247	12436463
CH322-154I08	CHORI-322	2L	509985	531763
CH322-154I09	CHORI-322	3L	6487043	6506385
CH322-154I11	CHORI-322	2L	3918327	3942573
CH322-154I12	CHORI-322	2R	11949628	11971674
CH322-154I13	CHORI-322	3R	14232283	14251868
CH322-154I14	CHORI-322	3L	3336013	3354970
CH322-154I15	CHORI-322	2R	14831676	14854484
CH322-154I16	CHORI-322	3L	18395481	18414190
CH322-154I17	CHORI-322	X	181871	202224
CH322-154I18	CHORI-322	2L	7581009	7599307
CH322-154I19	CHORI-322	2L	164712	184759
CH322-154I20	CHORI-322	3R	12513027	12534187
CH322-154I21	CHORI-322	2R	2040319	2059263
CH322-154I22	CHORI-322	2L	21129674	21151700
CH322-154I23	CHORI-322	X	13547078	13567389
CH322-154I24	CHORI-322	3R	20585259	20604607
CH322-154J01	CHORI-322	3L	10508798	10528415
CH322-154J02	CHORI-322	3L	5878251	5899491
CH322-154J03	CHORI-322	3L	23484185	23503179
CH322-154J04	CHORI-322	3R	20079844	20100036
CH322-154J05	CHORI-322	2L	7550447	7571133
CH322-154J06	CHORI-322	2R	10469853	10493227
CH322-154J07	CHORI-322	X	5706863	5726651
CH322-154J09	CHORI-322	ArmU	470314	490685
CH322-154J13	CHORI-322	3L	19150850	19173239
CH322-154J15	CHORI-322	2R	19059350	19077412
CH322-154J16	CHORI-322	X	14037987	14061499
CH322-154J17	CHORI-322	2R	9670368	9690315

CH322-154J18	CHORI-322	2L	10124974	10147337
CH322-154J20	CHORI-322	2L	12138591	12157140
CH322-154J21	CHORI-322	3R	2519820	2541770
CH322-154J22	CHORI-322	3R	27832870	27851877
CH322-154J24	CHORI-322	2L	22037535	22059049
CH322-154K01	CHORI-322	2L	21149786	21169759
CH322-154K02	CHORI-322	2L	22881603	22901360
CH322-154K03	CHORI-322	3R	21668480	21688418
CH322-154K04	CHORI-322	2L	11906988	11927751
CH322-154K05	CHORI-322	2R	1886518	1906076
CH322-154K08	CHORI-322	4	160752	181463
CH322-154K09	CHORI-322	3L	2391645	2411104
CH322-154K10	CHORI-322	2L	4268497	4289581
CH322-154K11	CHORI-322	3R	22776139	22798139
CH322-154K14	CHORI-322	X	4224438	4244578
CH322-154K18	CHORI-322	2R	3943113	3962993
CH322-154K19	CHORI-322	X	19060130	19079099
CH322-154K20	CHORI-322	X	4174155	4194547
CH322-154K21	CHORI-322	2R	12190008	12211082
CH322-154K22	CHORI-322	2L	12741686	12760710
CH322-154K23	CHORI-322	2L	4049536	4068576
CH322-154K24	CHORI-322	3R	13772004	13790741
CH322-154L01	CHORI-322	2R	18278288	18299689
CH322-154L02	CHORI-322	X	21076281	21095894
CH322-154L03	CHORI-322	2R	12135340	12155814
CH322-154L04	CHORI-322	3L	7370765	7393912
CH322-154L05	CHORI-322	X	4857896	4876870
CH322-154L06	CHORI-322	3R	24669038	24687098
CH322-154L07	CHORI-322	2L	19418015	19439756
CH322-154L08	CHORI-322	2RHet	1601737	1622810
CH322-154L09	CHORI-322	3L	7651143	7674700
CH322-154L10	CHORI-322	3L	100476	121570
CH322-154L13	CHORI-322	3R	4887525	4910130
CH322-154L15	CHORI-322	X	17942266	17965103
CH322-154L16	CHORI-322	3R	24320207	24340292
CH322-154L19	CHORI-322	3L	9128835	9147969
CH322-154L20	CHORI-322	X	15328217	15348423
CH322-154L21	CHORI-322	3L	21259686	21280093
CH322-154L22	CHORI-322	2L	17556077	17579090
CH322-154L23	CHORI-322	X	17588244	17609465
CH322-154M01	CHORI-322	2R	7517557	7540060
CH322-154M03	CHORI-322	3RHet	1457919	1476336
CH322-154M04	CHORI-322	3R	16915168	16935495
CH322-154M05	CHORI-322	3R	12482003	12503600
CH322-154M07	CHORI-322	3R	9858575	9878163
CH322-154M08	CHORI-322	2L	5886418	5906380
CH322-154M09	CHORI-322	3L	20736726	20756377
CH322-154M12	CHORI-322	X	5576578	5598517
CH322-154M13	CHORI-322	X	21198712	21216731
CH322-154M15	CHORI-322	2R	20609290	20632125
CH322-154M17	CHORI-322	X	599325	619309
CH322-154M18	CHORI-322	2L	2779728	2800646
CH322-154M19	CHORI-322	3R	15996090	16017524
CH322-154M20	CHORI-322	3R	18385440	18404483

CH322-154M21	CHORI-322	3R	15804192	15826503
CH322-154M22	CHORI-322	X	1645466	1669289
CH322-154M23	CHORI-322	3R	9386906	9405273
CH322-154M24	CHORI-322	3R	10783132	10802934
CH322-154N01	CHORI-322	2R	2633992	2655099
CH322-154N02	CHORI-322	2R	7880674	7902121
CH322-154N04	CHORI-322	3R	7229936	7253291
CH322-154N05	CHORI-322	2L	6829470	6849816
CH322-154N06	CHORI-322	4	1066450	1089515
CH322-154N07	CHORI-322	3R	21340136	21358835
CH322-154N09	CHORI-322	3L	8879469	8901072
CH322-154N10	CHORI-322	3L	20744336	20766301
CH322-154N11	CHORI-322	X	8675998	8698990
CH322-154N12	CHORI-322	2R	8323530	8344502
CH322-154N13	CHORI-322	3R	9989448	10012009
CH322-154N14	CHORI-322	3L	18057687	18079936
CH322-154N15	CHORI-322	X	2636379	2659107
CH322-154N16	CHORI-322	2R	1393838	1413089
CH322-154N17	CHORI-322	X	20205635	20222077
CH322-154N18	CHORI-322	3L	3883418	3904452
CH322-154N20	CHORI-322	2R	10289150	10310869
CH322-154N21	CHORI-322	3L	19386135	19407023
CH322-154N23	CHORI-322	3R	10506709	10525378
CH322-154O02	CHORI-322	2L	10057773	10081242
CH322-154O03	CHORI-322	X	7517754	7539793
CH322-154O04	CHORI-322	3L	3984983	4003928
CH322-154O05	CHORI-322	2L	18741489	18761298
CH322-154O06	CHORI-322	3R	12118594	12140009
CH322-154O07	CHORI-322	3R	17457320	17480159
CH322-154O09	CHORI-322	3L	11917333	11936130
CH322-154O10	CHORI-322	X	17430973	17451321
CH322-154O11	CHORI-322	3L	13322243	13343780
CH322-154O13	CHORI-322	3R	6263233	6282540
CH322-154O14	CHORI-322	X	6282535	6302811
CH322-154O15	CHORI-322	3R	11472419	11493223
CH322-154O16	CHORI-322	3L	22266093	22289618
CH322-154O18	CHORI-322	2R	15091942	15112650
CH322-154O19	CHORI-322	2R	14990235	15009987
CH322-154O21	CHORI-322	2L	15304843	15324777
CH322-154O22	CHORI-322	2L	351160	369348
CH322-154O23	CHORI-322	3L	16957549	16980480
CH322-154P02	CHORI-322	X	7065316	7087525
CH322-154P03	CHORI-322	2L	17565995	17589022
CH322-154P04	CHORI-322	3L	13571711	13592883
CH322-154P05	CHORI-322	2L	2529136	2547877
CH322-154P06	CHORI-322	4	554158	573293
CH322-154P07	CHORI-322	3L	21105015	21123481
CH322-154P08	CHORI-322	2L	12517109	12539965
CH322-154P09	CHORI-322	X	59257 78223	
CH322-154P10	CHORI-322	2R	2751822	2771760
CH322-154P11	CHORI-322	3R	18792639	18813874
CH322-154P12	CHORI-322	3L	3263422	3283379
CH322-154P13	CHORI-322	X	1472636	1495975
CH322-154P15	CHORI-322	3L	12130702	12152389

CH322-154P18	CHORI-322	X	12423791	12446106
CH322-154P20	CHORI-322	2R	1988974	2011614
CH322-154P21	CHORI-322	3R	12173386	12196269
CH322-154P22	CHORI-322	2L	14069953	14091960
CH322-155A03	CHORI-322	3R	1510977	1531425
CH322-155A04	CHORI-322	2L	14386406	14406898
CH322-155A05	CHORI-322	3R	20967959	20986004
CH322-155A06	CHORI-322	X	7804956	7826237
CH322-155A07	CHORI-322	2L	13779242	13800566
CH322-155A08	CHORI-322	X	20510437	20530178
CH322-155A09	CHORI-322	2L	17151370	17170448
CH322-155A10	CHORI-322	3L	22222953	22242546
CH322-155A11	CHORI-322	3R	21490599	21509566
CH322-155A12	CHORI-322	3R	12106518	12127343
CH322-155A13	CHORI-322	2L	15116498	15134818
CH322-155A16	CHORI-322	2R	14358258	14380613
CH322-155A17	CHORI-322	3R	13327632	13350931
CH322-155A18	CHORI-322	3L	20542046	20563280
CH322-155A19	CHORI-322	X	6859503	6881831
CH322-155A21	CHORI-322	2R	8609950	8630404
CH322-155A22	CHORI-322	3L	17587317	17607747
CH322-155A23	CHORI-322	3R	17421714	17444485
CH322-155B01	CHORI-322	3L	12788237	12809330
CH322-155B02	CHORI-322	4	254149	274561
CH322-155B04	CHORI-322	3R	5136862	5157391
CH322-155B06	CHORI-322	X	11000463	11020363
CH322-155B07	CHORI-322	3L	8349886	8370309
CH322-155B08	CHORI-322	2R	8001452	8026033
CH322-155B09	CHORI-322	3L	4650633	4672583
CH322-155B11	CHORI-322	3L	6666506	6687788
CH322-155B14	CHORI-322	X	17690828	17709001
CH322-155B15	CHORI-322	3R	27870030	27889516
CH322-155B18	CHORI-322	2L	13847670	13867795
CH322-155B19	CHORI-322	3L	22947018	22965947
CH322-155B22	CHORI-322	2L	10301723	10323913
CH322-155B24	CHORI-322	3R	8789743	8811173
CH322-155C02	CHORI-322	2L	17068007	17088060
CH322-155C04	CHORI-322	3L	19906107	19925429
CH322-155C05	CHORI-322	3R	24258140	24278040
CH322-155C06	CHORI-322	X	16363707	16382973
CH322-155C07	CHORI-322	3R	21746339	21767084
CH322-155C08	CHORI-322	3L	1793071	1812595
CH322-155C09	CHORI-322	ArmU	106056	127363
CH322-155C10	CHORI-322	3R	3597177	3619325
CH322-155C12	CHORI-322	2L	7075889	7096400
CH322-155C13	CHORI-322	2L	12645061	12666126
CH322-155C14	CHORI-322	3L	16244207	16264109
CH322-155C15	CHORI-322	3L	2375379	2397355
CH322-155C16	CHORI-322	3L	7607812	7629920
CH322-155C17	CHORI-322	4	880116	899359
CH322-155C18	CHORI-322	3R	3323908	3344880
CH322-155C19	CHORI-322	X	19945274	19966501
CH322-155C21	CHORI-322	3R	20841822	20864573
CH322-155C22	CHORI-322	3R	19940283	19958625

CH322-155C23	CHORI-322	3R	18478538	18497583
CH322-155C24	CHORI-322	2L	10163687	10183546
CH322-155D01	CHORI-322	3R	13147167	13166771
CH322-155D02	CHORI-322	2L	7113212	7136133
CH322-155D03	CHORI-322	2R	8680086	8701220
CH322-155D04	CHORI-322	X	7236583	7257395
CH322-155D05	CHORI-322	2L	21564094	21584826
CH322-155D06	CHORI-322	2L	9889054	9911357
CH322-155D07	CHORI-322	3R	3632928	3653235
CH322-155D08	CHORI-322	2L	4557953	4576481
CH322-155D10	CHORI-322	3L	16448826	16467841
CH322-155D12	CHORI-322	3L	22242543	22263243
CH322-155D13	CHORI-322	3R	2374959	2396301
CH322-155D14	CHORI-322	3L	8729707	8749757
CH322-155D15	CHORI-322	2R	13747113	13767303
CH322-155D16	CHORI-322	3R	3883133	3901913
CH322-155D17	CHORI-322	2R	8974586	8992105
CH322-155D18	CHORI-322	X	19338224	19358750
CH322-155D19	CHORI-322	2L	7951600	7972291
CH322-155D20	CHORI-322	3L	16011884	16033040
CH322-155D22	CHORI-322	3R	20554924	20575371
CH322-155D24	CHORI-322	3L	2355374	2374312
CH322-155E01	CHORI-322	3R	7563326	7588143
CH322-155E02	CHORI-322	2L	18691192	18712393
CH322-155E03	CHORI-322	2L	10101165	10122401
CH322-155E05	CHORI-322	3R	9530699	9551847
CH322-155E06	CHORI-322	3R	7130196	7150698
CH322-155E07	CHORI-322	2R	1639359	1659680
CH322-155E09	CHORI-322	3R	11776669	11796395
CH322-155E10	CHORI-322	3RHet	1647452	1669123
CH322-155E11	CHORI-322	X	11090046	11113241
CH322-155E12	CHORI-322	3R	1439454	1461371
CH322-155E16	CHORI-322	2R	19072103	19089614
CH322-155E17	CHORI-322	3R	11043733	11063354
CH322-155E18	CHORI-322	2L	1032078	1052755
CH322-155E19	CHORI-322	3R	9292270	9314106
CH322-155E20	CHORI-322	2L	6626798	6649993
CH322-155E21	CHORI-322	3L	8665250	8688163
CH322-155E22	CHORI-322	ArmU	1361606	1379921
CH322-155E23	CHORI-322	3L	19056241	19074756
CH322-155F01	CHORI-322	3R	8406540	8427612
CH322-155F02	CHORI-322	3L	6838237	6859787
CH322-155F03	CHORI-322	X	865094	884065
CH322-155F04	CHORI-322	3L	7355043	7376860
CH322-155F05	CHORI-322	2R	11627728	11649612
CH322-155F06	CHORI-322	3R	1504200	1526662
CH322-155F07	CHORI-322	4	885576	904345
CH322-155F08	CHORI-322	X	4125001	4144299
CH322-155F09	CHORI-322	3R	763750	784967
CH322-155F10	CHORI-322	3R	19941263	19960603
CH322-155F11	CHORI-322	2L	1130494	1150638
CH322-155F12	CHORI-322	3L	19121770	19145012
CH322-155F13	CHORI-322	3L	3851826	3871419
CH322-155F14	CHORI-322	X	4273537	4294778

CH322-155F16	CHORI-322	3R	26516684	26535007
CH322-155F17	CHORI-322	3L	17112162	17133626
CH322-155F18	CHORI-322	2L	8966684	8987135
CH322-155F19	CHORI-322	3R	14933872	14954911
CH322-155F21	CHORI-322	3R	22497770	22517496
CH322-155F22	CHORI-322	2L	7841460	7860678
CH322-155F23	CHORI-322	3L	5812221	5829457
CH322-155F24	CHORI-322	2L	20807684	20827109
CH322-155G01	CHORI-322	3R	25139198	25158367
CH322-155G05	CHORI-322	2L	13605351	13624972
CH322-155G06	CHORI-322	2R	11602010	11622387
CH322-155G07	CHORI-322	2R	10369091	10389495
CH322-155G08	CHORI-322	2R	14663781	14682340
CH322-155G09	CHORI-322	3R	13158009	13181390
CH322-155G12	CHORI-322	2R	1372069	1392643
CH322-155G13	CHORI-322	3LHet	864239	883749
CH322-155G14	CHORI-322	2L	4173521	4191649
CH322-155G15	CHORI-322	3L	19341543	19364241
CH322-155G16	CHORI-322	X	21354789	21373002
CH322-155G17	CHORI-322	2R	3895210	3914142
CH322-155G18	CHORI-322	3R	6362155	6380043
CH322-155G19	CHORI-322	2L	6625667	6650764
CH322-155G20	CHORI-322	3R	793507	812075
CH322-155G21	CHORI-322	X	11184682	11205106
CH322-155G22	CHORI-322	3L	13609433	13629845
CH322-155G23	CHORI-322	3L	5209417	5229405
CH322-155G24	CHORI-322	3R	16098898	16119238
CH322-155H01	CHORI-322	X	4556090	4577611
CH322-155H02	CHORI-322	3R	7650107	7670940
CH322-155H03	CHORI-322	2R	5234680	5257597
CH322-155H04	CHORI-322	2R	3967647	3988984
CH322-155H05	CHORI-322	3R	2423304	2442091
CH322-155H07	CHORI-322	2L	10119734	10141617
CH322-155H08	CHORI-322	2R	17372735	17394421
CH322-155H12	CHORI-322	3L	3787962	3807728
CH322-155H13	CHORI-322	3R	5596008	5620803
CH322-155H14	CHORI-322	3L	2487458	2509751
CH322-155H16	CHORI-322	3R	739074	763141
CH322-155H17	CHORI-322	3L	6074906	6097442
CH322-155H18	CHORI-322	3R	16756881	16779095
CH322-155H19	CHORI-322	X	11099026	11118341
CH322-155H20	CHORI-322	3L	11764418	11785887
CH322-155H22	CHORI-322	3R	22458682	22477684
CH322-155H23	CHORI-322	3L	24004726	24024397
CH322-155H24	CHORI-322	3R	5646534	5669113
CH322-155I01	CHORI-322	3L	11418259	11437949
CH322-155I04	CHORI-322	2R	12228532	12248548
CH322-155I05	CHORI-322	3R	2409012	2428358
CH322-155I06	CHORI-322	2L	17695015	17714409
CH322-155I07	CHORI-322	3R	3594733	3614378
CH322-155I08	CHORI-322	2R	13776356	13796051
CH322-155I10	CHORI-322	2L	11408266	11426806
CH322-155I11	CHORI-322	3L	16188939	16208769
CH322-155I12	CHORI-322	3L	23338797	23361221

CH322-155I14	CHORI-322	3L	335054	355488
CH322-155I15	CHORI-322	3R	1095021	1114102
CH322-155I16	CHORI-322	3L	13257456	13280360
CH322-155I17	CHORI-322	2R	14703896	14724133
CH322-155I18	CHORI-322	X	8379660	8399965
CH322-155I20	CHORI-322	3L	22265954	22286451
CH322-155I21	CHORI-322	2R	9555528	9574982
CH322-155I22	CHORI-322	X	13336292	13355366
CH322-155I23	CHORI-322	3L	23870873	23890263
CH322-155J04	CHORI-322	3R	13107090	13128642
CH322-155J06	CHORI-322	3R	22157196	22177630
CH322-155J07	CHORI-322	X	15209580	15231198
CH322-155J08	CHORI-322	X	9341703	9361024
CH322-155J09	CHORI-322	X	22229122	22249855
CH322-155J11	CHORI-322	3L	3410713	3428850
CH322-155J12	CHORI-322	X	3516127	3537775
CH322-155J13	CHORI-322	2R	13162875	13182600
CH322-155J14	CHORI-322	X	885381	905805
CH322-155J15	CHORI-322	2R	16617713	16640488
CH322-155J16	CHORI-322	3R	13895905	13915743
CH322-155J17	CHORI-322	2R	8539007	8560178
CH322-155J18	CHORI-322	X	15059935	15080534
CH322-155J21	CHORI-322	2L	9183082	9204077
CH322-155J23	CHORI-322	3R	16747229	16769220
CH322-155J24	CHORI-322	2L	15628176	15648369
CH322-155K01	CHORI-322	3R	8647225	8669360
CH322-155K02	CHORI-322	2R	19152415	19171608
CH322-155K03	CHORI-322	3L	13203637	13223034
CH322-155K04	CHORI-322	3L	5961566	5982491
CH322-155K05	CHORI-322	3L	1253013	1271889
CH322-155K06	CHORI-322	X	4758255	4779277
CH322-155K07	CHORI-322	X	13532743	13553718
CH322-155K10	CHORI-322	2L	10812481	10832475
CH322-155K11	CHORI-322	X	9811447	9830984
CH322-155K12	CHORI-322	2L	22838358	22861499
CH322-155K13	CHORI-322	3R	27457181	27477824
CH322-155K14	CHORI-322	2R	2788903	2809353
CH322-155K15	CHORI-322	ArmU	1249789	1268817
CH322-155K16	CHORI-322	X	15480554	15500392
CH322-155K17	CHORI-322	3R	11981184	12002344
CH322-155K18	CHORI-322	3L	8569061	8589833
CH322-155K19	CHORI-322	2L	7103871	7125196
CH322-155K20	CHORI-322	2RHet	728995	749759
CH322-155K21	CHORI-322	2R	10073692	10096497
CH322-155L01	CHORI-322	2L	9786764	9807831
CH322-155L02	CHORI-322	4	72946 93084	
CH322-155L04	CHORI-322	3R	9588450	9610266
CH322-155L05	CHORI-322	3L	15692393	15711418
CH322-155L06	CHORI-322	2L	4234616	4257884
CH322-155L07	CHORI-322	X	8734960	8754374
CH322-155L08	CHORI-322	3R	22269367	22288605
CH322-155L09	CHORI-322	3R	20113003	20135238
CH322-155L10	CHORI-322	X	16087486	16106844
CH322-155L11	CHORI-322	2L	13623489	13642421

CH322-155L13	CHORI-322	2L	13042471	13064742
CH322-155L14	CHORI-322	3R	13201861	13224281
CH322-155L15	CHORI-322	2L	3918101	3937286
CH322-155L17	CHORI-322	X	18150295	18175677
CH322-155L18	CHORI-322	X	6344073	6364494
CH322-155L19	CHORI-322	2L	17240902	17260481
CH322-155L21	CHORI-322	3R	24960593	24983044
CH322-155L22	CHORI-322	2R	10158842	10179592
CH322-155L23	CHORI-322	3L	6577969	6598862
CH322-155M03	CHORI-322	3R	17966516	17987898
CH322-155M04	CHORI-322	2L	12023621	12047244
CH322-155M05	CHORI-322	2L	16216736	16236069
CH322-155M07	CHORI-322	3R	1626961	1646589
CH322-155M09	CHORI-322	3R	7417460	7439844
CH322-155M10	CHORI-322	2R	12173134	12196558
CH322-155M11	CHORI-322	2L	6672477	6692451
CH322-155M12	CHORI-322	3R	23541492	23565939
CH322-155M13	CHORI-322	2L	19889730	19910282
CH322-155M15	CHORI-322	2L	21363240	21383741
CH322-155M17	CHORI-322	2R	8046417	8065754
CH322-155M18	CHORI-322	3L	9764429	9785164
CH322-155M20	CHORI-322	X	9324366	9345261
CH322-155M21	CHORI-322	X	3394256	3412616
CH322-155M22	CHORI-322	2R	12284401	12304067
CH322-155M23	CHORI-322	3L	15290832	15313507
CH322-155N01	CHORI-322	3L	7599662	7621432
CH322-155N02	CHORI-322	X	19541203	19564653
CH322-155N03	CHORI-322	3R	15747835	15767163
CH322-155N04	CHORI-322	3R	8796991	8818356
CH322-155N05	CHORI-322	3RHet	817583	840664
CH322-155N06	CHORI-322	3R	24793772	24818285
CH322-155N07	CHORI-322	2L	18145122	18168483
CH322-155N08	CHORI-322	2L	3026900	3048380
CH322-155N09	CHORI-322	2L	5764402	5786533
CH322-155N10	CHORI-322	3R	8914774	8934185
CH322-155N13	CHORI-322	2L	702368	721960
CH322-155N16	CHORI-322	2R	1191182	1212270
CH322-155N17	CHORI-322	X	13514428	13537383
CH322-155N18	CHORI-322	3R	5909564	5928739
CH322-155N19	CHORI-322	3R	15384821	15406791
CH322-155N20	CHORI-322	2L	21960567	21980615
CH322-155N21	CHORI-322	2L	3797590	3820841
CH322-155N22	CHORI-322	2L	22208244	22228726
CH322-155N23	CHORI-322	3R	7418091	7440698
CH322-155N24	CHORI-322	3L	2002360	2022705
CH322-155O03	CHORI-322	3L	9400471	9421802
CH322-155O04	CHORI-322	2R	20984880	21005240
CH322-155O06	CHORI-322	3L	6136877	6158764
CH322-155O07	CHORI-322	2R	3526000	3547683
CH322-155O09	CHORI-322	2RHet	1933330	1956811
CH322-155O10	CHORI-322	3L	19759326	19781240
CH322-155O11	CHORI-322	3R	5042134	5061139
CH322-155O12	CHORI-322	3L	10916779	10937880
CH322-155O14	CHORI-322	X	8553479	8574575

CH322-155O16	CHORI-322	3L	7539335	7558062
CH322-155O17	CHORI-322	3L	15945323	15966336
CH322-155O18	CHORI-322	3R	7516466	7538314
CH322-155O19	CHORI-322	2R	12964031	12983872
CH322-155O20	CHORI-322	2R	2862018	2880857
CH322-155O23	CHORI-322	3R	19154863	19176402
CH322-155P01	CHORI-322	2L	7642261	7661898
CH322-155P02	CHORI-322	4	89006	108504
CH322-155P03	CHORI-322	3R	7928402	7949351
CH322-155P04	CHORI-322	X	4963971	4985116
CH322-155P06	CHORI-322	3L	13857666	13875474
CH322-155P07	CHORI-322	2L	9813741	9833478
CH322-155P08	CHORI-322	2L	1620564	1639808
CH322-155P09	CHORI-322	3L	21680293	21700812
CH322-155P11	CHORI-322	2R	7044292	7064322
CH322-155P13	CHORI-322	2R	8660355	8680722
CH322-155P14	CHORI-322	2R	5665950	5684800
CH322-155P15	CHORI-322	2L	12464420	12481606
CH322-155P16	CHORI-322	3R	241048	262572
CH322-155P17	CHORI-322	2R	10788266	10808783
CH322-155P18	CHORI-322	3R	7486927	7507114
CH322-155P19	CHORI-322	3L	2510790	2530046
CH322-155P20	CHORI-322	2R	20913300	20934328
CH322-155P23	CHORI-322	2L	8564426	8584555
CH322-156A01	CHORI-322	3R	1626961	1646589
CH322-156A03	CHORI-322	3L	18955386	18974565
CH322-156A05	CHORI-322	3RHet	872263	893598
CH322-156A06	CHORI-322	X	17958593	17978786
CH322-156A07	CHORI-322	4	165534	185393
CH322-156A10	CHORI-322	3L	15448552	15469970
CH322-156B04	CHORI-322	X	11257273	11277070
CH322-156B06	CHORI-322	3R	21189816	21209735
CH322-156B09	CHORI-322	X	8401069	8423619
CH322-156B10	CHORI-322	3L	16754618	16776238
CH322-156B13	CHORI-322	3R	22565077	22585778
CH322-156B15	CHORI-322	2L	19772944	19793219
CH322-156B16	CHORI-322	3R	12358876	12379284
CH322-156B20	CHORI-322	2R	7889803	7913622
CH322-156C02	CHORI-322	2L	22453175	22474643
CH322-156C04	CHORI-322	2L	10708844	10730989
CH322-156C06	CHORI-322	3R	19364879	19385353
CH322-156C08	CHORI-322	X	17404911	17424363
CH322-156C12	CHORI-322	2L	16080864	16103000
CH322-156C13	CHORI-322	2R	3250897	3271533
CH322-156C14	CHORI-322	3R	19977686	19996054
CH322-156C15	CHORI-322	3R	2453275	2473952
CH322-156C16	CHORI-322	2R	11599380	11622387
CH322-156D02	CHORI-322	3L	4949856	4972645
CH322-156D05	CHORI-322	2L	14183225	14203035
CH322-156D06	CHORI-322	2L	1682136	1703483
CH322-156D07	CHORI-322	2L	16733454	16756058
CH322-156D08	CHORI-322	3R	22539661	22562074
CH322-156D10	CHORI-322	3R	19432713	19452651
CH322-156D12	CHORI-322	3L	19167099	19188578

CH322-156D13	CHORI-322	3L	4475687	4497594
CH322-156D14	CHORI-322	2R	3896895	3917788
CH322-156D15	CHORI-322	3R	944119	966653
CH322-156D16	CHORI-322	3R	15137198	15156390
CH322-156D20	CHORI-322	X	18433719	18452435
CH322-156D21	CHORI-322	3L	18994633	19015484
CH322-156E01	CHORI-322	X	12433563	12452767
CH322-156E02	CHORI-322	3R	20788042	20811579
CH322-156E04	CHORI-322	3L	9642022	9663790
CH322-156E05	CHORI-322	2R	5512924	5532393
CH322-156E08	CHORI-322	3L	14412952	14432047
CH322-156E09	CHORI-322	X	13023971	13045299
CH322-156E10	CHORI-322	2R	18184180	18205391
CH322-156E11	CHORI-322	3L	18169378	18189779
CH322-156E14	CHORI-322	3R	24823429	24844124
CH322-156E15	CHORI-322	3R	13585346	13606835
CH322-156E16	CHORI-322	X	17689598	17709253
CH322-156E17	CHORI-322	3R	24001492	24023425
CH322-156F01	CHORI-322	2R	216037	236150
CH322-156F03	CHORI-322	2R	9018524	9042891
CH322-156F04	CHORI-322	3L	21894527	21914320
CH322-156F05	CHORI-322	3L	20687598	20707332
CH322-156F07	CHORI-322	3L	20527490	20548833
CH322-156F08	CHORI-322	3L	9389676	9409117
CH322-156F10	CHORI-322	2R	5258950	5279016
CH322-156F11	CHORI-322	3L	5431838	5451565
CH322-156F12	CHORI-322	X	1850700	1870642
CH322-156F14	CHORI-322	3R	2058748	2080001
CH322-156F17	CHORI-322	3R	16066595	16085127
CH322-156F18	CHORI-322	3L	10839498	10860737
CH322-156F19	CHORI-322	3R	19420352	19440224
CH322-156F20	CHORI-322	4	866074	883673
CH322-156F21	CHORI-322	X	5709397	5730444
CH322-156F22	CHORI-322	3L	4968571	4989847
CH322-156G01	CHORI-322	X	9778254	9798843
CH322-156G02	CHORI-322	2R	9713158	9734261
CH322-156G05	CHORI-322	3L	19631005	19649853
CH322-156G06	CHORI-322	3L	23925134	23944888
CH322-156G07	CHORI-322	3L	7089098	7108655
CH322-156G09	CHORI-322	3L	7331393	7350986
CH322-156G11	CHORI-322	3R	9564399	9586488
CH322-156G12	CHORI-322	2RHet	1740667	1761673
CH322-156G13	CHORI-322	X	72239 93802	
CH322-156G14	CHORI-322	3L	6167452	6187473
CH322-156G15	CHORI-322	2L	15232340	15253180
CH322-156G17	CHORI-322	3R	15020796	15041480
CH322-156G20	CHORI-322	3R	22502437	22525336
CH322-156G21	CHORI-322	2R	701650	724471
CH322-156G22	CHORI-322	2L	11568839	11589884
CH322-156H04	CHORI-322	3L	9400620	9422242
CH322-156H05	CHORI-322	3R	21616831	21637937
CH322-156H06	CHORI-322	3R	23627855	23647937
CH322-156H10	CHORI-322	2L	3731326	3751055
CH322-156H13	CHORI-322	3R	20371555	20391238

CH322-156H14	CHORI-322	3R	21284043	21306511
CH322-156H15	CHORI-322	3R	13574327	13595276
CH322-156H16	CHORI-322	2L	6915329	6933219
CH322-156H17	CHORI-322	4	357729	376972
CH322-156H18	CHORI-322	2L	13308328	13327905
CH322-156H19	CHORI-322	3R	23318241	23341902
CH322-156H20	CHORI-322	3R	2983410	3002613
CH322-156H21	CHORI-322	2L	2785670	2808403
CH322-156H22	CHORI-322	3L	3268771	3287457
CH322-156I02	CHORI-322	3L	1491216	1513177
CH322-156I03	CHORI-322	2R	7812157	7832651
CH322-156I06	CHORI-322	X	3592605	3611558
CH322-156I07	CHORI-322	X	7798935	7818830
CH322-156I08	CHORI-322	X	11426618	11444424
CH322-156I09	CHORI-322	X	3147350	3167878
CH322-156I11	CHORI-322	3R	21279896	21300322
CH322-156I12	CHORI-322	3R	14678238	14697124
CH322-156I14	CHORI-322	X	19902845	19923834
CH322-156I15	CHORI-322	2L	16702493	16725597
CH322-156I17	CHORI-322	2R	2106598	2125598
CH322-156I18	CHORI-322	2L	13275442	13295378
CH322-156I21	CHORI-322	3R	7431027	7451802
CH322-156J01	CHORI-322	3R	25911828	25931799
CH322-156J02	CHORI-322	X	7638990	7659726
CH322-156J03	CHORI-322	2R	11085828	11106980
CH322-156J05	CHORI-322	X	12751263	12769980
CH322-156J06	CHORI-322	3L	13570017	13592883
CH322-156J08	CHORI-322	2L	7165178	7183596
CH322-156J10	CHORI-322	X	2758910	2781546
CH322-156J11	CHORI-322	2R	18174026	18193648
CH322-156J12	CHORI-322	3R	6583662	6604875
CH322-156J14	CHORI-322	3L	16057011	16076380
CH322-156J15	CHORI-322	2R	21110276	21132476
CH322-156J18	CHORI-322	3R	18704315	18726172
CH322-156J20	CHORI-322	2R	18988876	19011940
CH322-156J21	CHORI-322	2L	12333831	12355401
CH322-156J23	CHORI-322	2R	14141919	14162676
CH322-156K02	CHORI-322	4	890188	910680
CH322-156K03	CHORI-322	2L	4443456	4465502
CH322-156K05	CHORI-322	2L	7247301	7268020
CH322-156K06	CHORI-322	3R	19381366	19400911
CH322-156K07	CHORI-322	2R	1525337	1542949
CH322-156K08	CHORI-322	3R	10347150	10369808
CH322-156K09	CHORI-322	2R	17770756	17791283
CH322-156K10	CHORI-322	3R	19820661	19841044
CH322-156K11	CHORI-322	2R	936577	958324
CH322-156K13	CHORI-322	2R	13757668	13777127
CH322-156K14	CHORI-322	3R	5032168	5053071
CH322-156K16	CHORI-322	2R	16212973	16232792
CH322-156K18	CHORI-322	3L	8734007	8754429
CH322-156K19	CHORI-322	X	414284	433888
CH322-156K20	CHORI-322	X	15234240	15253648
CH322-156L01	CHORI-322	X	20583118	20603990
CH322-156L03	CHORI-322	2L	7745097	7765211

CH322-156L07	CHORI-322	2R	6274317	6293405
CH322-156L09	CHORI-322	X	12612615	12633469
CH322-156L10	CHORI-322	2R	8551690	8571608
CH322-156L12	CHORI-322	2R	3618884	3642038
CH322-156L13	CHORI-322	2R	19242202	19265635
CH322-156L14	CHORI-322	3R	16914622	16934644
CH322-156L15	CHORI-322	2L	9749979	9774629
CH322-156L16	CHORI-322	X	2658521	2680469
CH322-156L17	CHORI-322	2R	5796128	5816931
CH322-156L19	CHORI-322	3L	2344645	2360893
CH322-156L20	CHORI-322	2L	22582352	22604621
CH322-156M04	CHORI-322	X	8944620	8966568
CH322-156M08	CHORI-322	3L	2214087	2232190
CH322-156M09	CHORI-322	3L	23175908	23196514
CH322-156M10	CHORI-322	3L	7558658	7582888
CH322-156M11	CHORI-322	X	10428463	10449614
CH322-156M12	CHORI-322	3L	4598791	4621315
CH322-156M13	CHORI-322	3L	16870656	16887750
CH322-156M15	CHORI-322	2R	13379628	13403922
CH322-156M16	CHORI-322	3L	13566822	13589967
CH322-156M17	CHORI-322	3R	24797944	24820989
CH322-156M18	CHORI-322	2L	18648615	18667830
CH322-156M19	CHORI-322	2R	5325499	5348667
CH322-156M20	CHORI-322	3R	10948748	10968497
CH322-156M21	CHORI-322	X	7512262	7533995
CH322-156M22	CHORI-322	2L	9115423	9135602
CH322-156N03	CHORI-322	4	796561	816124
CH322-156N04	CHORI-322	3R	4950432	4972039
CH322-156N05	CHORI-322	3L	18837370	18854576
CH322-156N06	CHORI-322	2L	19235537	19254354
CH322-156N07	CHORI-322	3L	11649826	11668523
CH322-156N09	CHORI-322	3L	20886060	20908153
CH322-156N10	CHORI-322	X	3267912	3291112
CH322-156N12	CHORI-322	2R	9407552	9431265
CH322-156N14	CHORI-322	2R	19585836	19608922
CH322-156N15	CHORI-322	2L	10800163	10819406
CH322-156N16	CHORI-322	X	19143278	19163939
CH322-156N20	CHORI-322	2L	10284852	10303713
CH322-156N21	CHORI-322	2R	13744290	13765952
CH322-156N22	CHORI-322	3R	5797614	5817528
CH322-156O02	CHORI-322	2L	10205374	10224421
CH322-156O03	CHORI-322	X	1852818	1871674
CH322-156O06	CHORI-322	2R	4559922	4582276
CH322-156O07	CHORI-322	3R	14610863	14630975
CH322-156O08	CHORI-322	3R	10863134	10883099
CH322-156O11	CHORI-322	2R	14893027	14913903
CH322-156O18	CHORI-322	3R	26979226	27000941
CH322-156O20	CHORI-322	X	17457220	17476696
CH322-156P08	CHORI-322	2L	9748567	9771385
CH322-157A01	CHORI-322	3R	7526703	7546138
CH322-157A03	CHORI-322	2R	7614501	7635671
CH322-157A04	CHORI-322	3R	10613683	10633167
CH322-157A05	CHORI-322	2R	11290588	11311329
CH322-157A06	CHORI-322	3R	24860777	24881875

CH322-157A07	CHORI-322	3R	12733464	12752106
CH322-157A08	CHORI-322	2L	10029147	10049363
CH322-157A09	CHORI-322	X	10316356	10336555
CH322-157A10	CHORI-322	2RHet	1602711	1624001
CH322-157A11	CHORI-322	X	10282683	10301949
CH322-157A13	CHORI-322	2L	6344372	6365349
CH322-157A14	CHORI-322	2R	14419666	14441930
CH322-157A15	CHORI-322	3L	5858834	5880810
CH322-157A17	CHORI-322	3L	10999256	11020321
CH322-157A19	CHORI-322	3R	16201143	16219838
CH322-157A20	CHORI-322	3R	21462326	21484315
CH322-157A21	CHORI-322	X	21253672	21273825
CH322-157A22	CHORI-322	3R	8238283	8261625
CH322-157A23	CHORI-322	2L	21730092	21750334
CH322-157A24	CHORI-322	2L	17520574	17539152
CH322-157B02	CHORI-322	3R	5956406	5977710
CH322-157B03	CHORI-322	2L	15391493	15411395
CH322-157B04	CHORI-322	2L	21827074	21849201
CH322-157B05	CHORI-322	X	17883426	17904937
CH322-157B07	CHORI-322	2R	4931699	4952807
CH322-157B08	CHORI-322	2R	9421854	9442087
CH322-157B09	CHORI-322	2L	14049769	14070344
CH322-157B10	CHORI-322	3L	6619161	6641495
CH322-157B11	CHORI-322	X	11310572	11330300
CH322-157B12	CHORI-322	3L	18325079	18345186
CH322-157B13	CHORI-322	2L	4849674	4871193
CH322-157B14	CHORI-322	3R	23307761	23329723
CH322-157B15	CHORI-322	4	843725	863977
CH322-157B16	CHORI-322	3R	16076539	16097986
CH322-157B17	CHORI-322	2L	10235145	10258908
CH322-157B18	CHORI-322	2R	267418	286110
CH322-157B22	CHORI-322	3L	9247847	9266670
CH322-157B23	CHORI-322	3R	5030665	5052802
CH322-157B24	CHORI-322	2R	19998109	20023256
CH322-157C02	CHORI-322	2R	9015589	9038338
CH322-157C03	CHORI-322	X	5500773	5521197
CH322-157C06	CHORI-322	3R	18559316	18579878
CH322-157C08	CHORI-322	3R	10948728	10968513
CH322-157C09	CHORI-322	3R	18939185	18960491
CH322-157C11	CHORI-322	3L	13608844	13629845
CH322-157C12	CHORI-322	3L	3984989	4002932
CH322-157C13	CHORI-322	2R	13084836	13108029
CH322-157C14	CHORI-322	2R	6797640	6816352
CH322-157C15	CHORI-322	3LHet	1393859	1413572
CH322-157C17	CHORI-322	X	727863	747953
CH322-157C18	CHORI-322	3R	18589964	18613282
CH322-157C19	CHORI-322	2R	10900999	10919463
CH322-157C21	CHORI-322	2L	3937283	3957280
CH322-157C22	CHORI-322	3R	11216823	11238720
CH322-157C23	CHORI-322	2R	5153346	5176177
CH322-157C24	CHORI-322	2L	22722014	22742438
CH322-157D01	CHORI-322	3L	1757241	1779493
CH322-157D02	CHORI-322	3R	20482553	20504639
CH322-157D06	CHORI-322	3R	19586553	19608861

CH322-157D07	CHORI-322	2R	11583442	11604835
CH322-157D08	CHORI-322	2L	7937878	7959553
CH322-157D09	CHORI-322	X	18085038	18103741
CH322-157D10	CHORI-322	X	5916290	5936490
CH322-157D11	CHORI-322	3L	10156385	10175322
CH322-157D12	CHORI-322	3L	4419702	4438957
CH322-157D14	CHORI-322	3L	14321603	14343840
CH322-157D16	CHORI-322	3L	15111601	15132853
CH322-157D17	CHORI-322	3L	1173646	1196034
CH322-157D18	CHORI-322	3R	669948	693506
CH322-157D19	CHORI-322	3L	13510165	13533069
CH322-157D20	CHORI-322	2R	6725303	6747176
CH322-157D23	CHORI-322	2R	13665806	13684984
CH322-157D24	CHORI-322	2L	8323337	8344784
CH322-157E01	CHORI-322	2L	9299492	9319430
CH322-157E03	CHORI-322	3L	4627838	4649146
CH322-157E04	CHORI-322	2L	2186254	2209733
CH322-157E05	CHORI-322	2R	10663459	10686094
CH322-157E06	CHORI-322	2R	13001764	13021365
CH322-157E07	CHORI-322	4	433314	453868
CH322-157E08	CHORI-322	3L	20267874	20291597
CH322-157E10	CHORI-322	2L	11582065	11602766
CH322-157E11	CHORI-322	2R	8833535	8855704
CH322-157E12	CHORI-322	3L	16718158	16739076
CH322-157E13	CHORI-322	3R	21069499	21089573
CH322-157E14	CHORI-322	X	21050529	21071763
CH322-157E15	CHORI-322	3R	21588133	21609367
CH322-157E16	CHORI-322	3L	19304813	19322929
CH322-157E17	CHORI-322	2R	6331420	6351675
CH322-157E18	CHORI-322	2L	3095862	3114840
CH322-157E19	CHORI-322	3R	18857390	18878309
CH322-157E20	CHORI-322	3L	15886358	15906324
CH322-157E22	CHORI-322	2L	5312871	5333864
CH322-157E24	CHORI-322	2R	12580043	12602397
CH322-157F03	CHORI-322	3R	1142251	1165640
CH322-157F04	CHORI-322	3R	23033656	23057112
CH322-157F05	CHORI-322	2R	4480257	4501240
CH322-157F06	CHORI-322	3L	13629842	13652061
CH322-157F07	CHORI-322	X	7398513	7420053
CH322-157F08	CHORI-322	2L	9308459	9328859
CH322-157F10	CHORI-322	2R	8656331	8676554
CH322-157F12	CHORI-322	3R	4270357	4293977
CH322-157F14	CHORI-322	3L	12294877	12315010
CH322-157F15	CHORI-322	X	6874002	6894418
CH322-157F16	CHORI-322	2R	613336	633759
CH322-157F17	CHORI-322	2R	1636491	1657955
CH322-157F18	CHORI-322	2RHet	1947045	1967113
CH322-157F19	CHORI-322	3R	2398081	2418040
CH322-157F20	CHORI-322	2R	8298773	8321111
CH322-157F21	CHORI-322	X	15846374	15866451
CH322-157F22	CHORI-322	3R	7137158	7158910
CH322-157G02	CHORI-322	3R	23262214	23282859
CH322-157G03	CHORI-322	2R	17448489	17468601
CH322-157G04	CHORI-322	3R	7036180	7058823

CH322-157G05	CHORI-322	2L	1199549	1220079
CH322-157G06	CHORI-322	X	4185028	4206884
CH322-157G08	CHORI-322	3R	19829619	19851240
CH322-157G10	CHORI-322	3R	8914347	8937770
CH322-157G11	CHORI-322	2L	3520419	3542129
CH322-157G12	CHORI-322	3L	2869884	2890789
CH322-157G14	CHORI-322	3R	16491397	16511153
CH322-157G15	CHORI-322	3L	23869740	23892847
CH322-157G16	CHORI-322	X	10282929	10300898
CH322-157G18	CHORI-322	3R	17352665	17374652
CH322-157G21	CHORI-322	2R	9364899	9385518
CH322-157G22	CHORI-322	3R	7103853	7123876
CH322-157H01	CHORI-322	3R	19801474	19822353
CH322-157H03	CHORI-322	2R	6349355	6370173
CH322-157H04	CHORI-322	2R	13104649	13126024
CH322-157H05	CHORI-322	2R	3923151	3943217
CH322-157H06	CHORI-322	X	16258495	16278853
CH322-157H07	CHORI-322	3R	6438408	6457781
CH322-157H08	CHORI-322	3R	12556805	12578089
CH322-157H09	CHORI-322	2R	10068845	10090030
CH322-157H10	CHORI-322	3R	7294081	7314336
CH322-157H11	CHORI-322	3L	10065113	10084472
CH322-157H14	CHORI-322	X	20918551	20941816
CH322-157H17	CHORI-322	2L	8934251	8954606
CH322-157H18	CHORI-322	X	22376010	22396617
CH322-157H19	CHORI-322	3R	19862496	19881843
CH322-157H20	CHORI-322	2R	5026602	5048300
CH322-157H21	CHORI-322	X	3574334	3594727
CH322-157H24	CHORI-322	3R	15911077	15929468
CH322-157I02	CHORI-322	X	3518060	3539126
CH322-157I03	CHORI-322	X	9256054	9276159
CH322-157I05	CHORI-322	3L	16365932	16388128
CH322-157I06	CHORI-322	X	19412004	19432686
CH322-157I07	CHORI-322	2R	9113986	9133986
CH322-157I08	CHORI-322	X	20622811	20643001
CH322-157I10	CHORI-322	2L	14137578	14157652
CH322-157I11	CHORI-322	3L	8116358	8138341
CH322-157I12	CHORI-322	3R	27298184	27320253
CH322-157I14	CHORI-322	2RHet	3218175	3237224
CH322-157I15	CHORI-322	3R	10331931	10353383
CH322-157I16	CHORI-322	3R	2755836	2777732
CH322-157I18	CHORI-322	3L	10231913	10251600
CH322-157I21	CHORI-322	3L	18923087	18943697
CH322-157I23	CHORI-322	2L	9091626	9113504
CH322-157I24	CHORI-322	2R	13064672	13084839
CH322-157J01	CHORI-322	2L	19907153	19926377
CH322-157J02	CHORI-322	3L	16187480	16209400
CH322-157J04	CHORI-322	3R	6379547	6398677
CH322-157J06	CHORI-322	X	8238609	8259292
CH322-157J08	CHORI-322	3L	21713213	21732774
CH322-157J09	CHORI-322	3L	13273916	13297584
CH322-157J11	CHORI-322	X	20637523	20655684
CH322-157J12	CHORI-322	3L	6858621	6878506
CH322-157J20	CHORI-322	X	15851227	15872735

CH322-157J21	CHORI-322	3L	2330053	2348562
CH322-157K01	CHORI-322	X	4336108	4356483
CH322-157K02	CHORI-322	3L	22419842	22441116
CH322-157K04	CHORI-322	3R	17783713	17801909
CH322-157K05	CHORI-322	2R	3899049	3920466
CH322-157K06	CHORI-322	3L	11105642	11125582
CH322-157K07	CHORI-322	2L	14891846	14911783
CH322-157K08	CHORI-322	3R	20446033	20468615
CH322-157K10	CHORI-322	3L	10656749	10675517
CH322-157K11	CHORI-322	2L	2861592	2882418
CH322-157K12	CHORI-322	2L	7276802	7299723
CH322-157K15	CHORI-322	2R	3854067	3873636
CH322-157K16	CHORI-322	X	19947007	19971539
CH322-157K18	CHORI-322	2L	4494300	4517110
CH322-157K19	CHORI-322	2L	10971463	10992751
CH322-157K20	CHORI-322	3LHet	930632	949469
CH322-157K24	CHORI-322	3L	231248	250539
CH322-157L01	CHORI-322	2L	20524737	20543591
CH322-157L02	CHORI-322	3R	25618208	25641955
CH322-157L03	CHORI-322	2R	1607491	1627712
CH322-157L05	CHORI-322	3R	16581354	16603147
CH322-157L06	CHORI-322	3L	12452347	12473847
CH322-157L08	CHORI-322	2R	12537859	12558178
CH322-157L09	CHORI-322	4	138953	160752
CH322-157L10	CHORI-322	2L	18230833	18252521
CH322-157L11	CHORI-322	2L	15311786	15331917
CH322-157L12	CHORI-322	3R	1373716	1395089
CH322-157L16	CHORI-322	3R	25767201	25787849
CH322-157L17	CHORI-322	3L	2852785	2874506
CH322-157L18	CHORI-322	X	5916643	5936490
CH322-157L20	CHORI-322	3L	17160746	17180260
CH322-157L21	CHORI-322	2L	17779536	17798430
CH322-157L22	CHORI-322	X	3262071	3285012
CH322-157L23	CHORI-322	2L	21346624	21369813
CH322-157L24	CHORI-322	3L	18272803	18295292
CH322-157M03	CHORI-322	3L	8758739	8778301
CH322-157M04	CHORI-322	3L	9151696	9173833
CH322-157M05	CHORI-322	3R	2049316	2068873
CH322-157M06	CHORI-322	3R	13044945	13067101
CH322-157M07	CHORI-322	X	5703142	5724620
CH322-157M08	CHORI-322	2L	18364253	18386053
CH322-157M09	CHORI-322	2R	13870387	13891172
CH322-157M10	CHORI-322	3R	5594500	5617730
CH322-157M11	CHORI-322	2L	22611989	22636136
CH322-157M12	CHORI-322	2R	4458366	4480998
CH322-157M13	CHORI-322	3R	12894714	12916395
CH322-157M14	CHORI-322	3R	22134241	22156447
CH322-157M15	CHORI-322	3R	11295085	11318870
CH322-157M16	CHORI-322	3L	1160798	1181970
CH322-157M17	CHORI-322	2L	12980523	13000287
CH322-157M18	CHORI-322	2L	21186669	21206780
CH322-157M19	CHORI-322	2L	1501218	1518239
CH322-157M23	CHORI-322	2R	7752758	7772963
CH322-157M24	CHORI-322	2L	5337872	5358900

CH322-157N01	CHORI-322	2R	10839652	10860040
CH322-157N02	CHORI-322	3L	18849397	18868537
CH322-157N03	CHORI-322	3L	4743030	4765568
CH322-157N05	CHORI-322	2R	3901058	3920923
CH322-157N06	CHORI-322	3L	10639996	10660138
CH322-157N07	CHORI-322	3R	26114372	26132954
CH322-157N08	CHORI-322	2R	20955360	20975272
CH322-157N10	CHORI-322	2RHet	817780	838382
CH322-157N13	CHORI-322	3L	12564917	12586703
CH322-157N14	CHORI-322	3R	12415804	12437423
CH322-157N15	CHORI-322	3R	8649286	8669443
CH322-157N16	CHORI-322	3R	24779968	24799870
CH322-157N17	CHORI-322	3R	16721588	16743354
CH322-157N19	CHORI-322	3L	9644240	9662248
CH322-157N20	CHORI-322	3R	23984351	24006668
CH322-157N21	CHORI-322	3R	8062153	8081832
CH322-157N22	CHORI-322	2R	10462774	10485934
CH322-157N23	CHORI-322	2R	4226128	4246255
CH322-157O01	CHORI-322	3R	5653151	5675450
CH322-157O03	CHORI-322	X	16159184	16181127
CH322-157O04	CHORI-322	3R	5206335	5225846
CH322-157O05	CHORI-322	2R	14572891	14593775
CH322-157O06	CHORI-322	3R	26642647	26662961
CH322-157O07	CHORI-322	3R	16245816	16265135
CH322-157O08	CHORI-322	2L	15274294	15294006
CH322-157O09	CHORI-322	3R	18678729	18700747
CH322-157O10	CHORI-322	3R	6024837	6044252
CH322-157O11	CHORI-322	2L	7386388	7406038
CH322-157O12	CHORI-322	2R	18730748	18749648
CH322-157O13	CHORI-322	3R	24454655	24476309
CH322-157O16	CHORI-322	3L	20916176	20934500
CH322-157O17	CHORI-322	X	7324774	7345561
CH322-157O19	CHORI-322	3R	17616449	17637917
CH322-157O20	CHORI-322	2R	2989369	3011907
CH322-157P02	CHORI-322	4	827351	850121
CH322-157P04	CHORI-322	3LHet	864036	883633
CH322-157P06	CHORI-322	3L	3959812	3980224
CH322-157P07	CHORI-322	3L	22086081	22105876
CH322-157P09	CHORI-322	3L	10779944	10801268
CH322-157P10	CHORI-322	3L	20521774	20540859
CH322-157P11	CHORI-322	2L	13922621	13943114
CH322-157P12	CHORI-322	2R	20528441	20550707
CH322-157P13	CHORI-322	3R	7846364	7867202
CH322-157P14	CHORI-322	3L	21037196	21055878
CH322-157P15	CHORI-322	2R	5511545	5531574
CH322-157P16	CHORI-322	X	7681418	7701412
CH322-157P17	CHORI-322	2L	511653	533873
CH322-157P19	CHORI-322	4	1126113	1145289
CH322-157P21	CHORI-322	3R	10686082	10707481
CH322-158A02	CHORI-322	3L	19976875	19998941
CH322-158A04	CHORI-322	3R	18891931	18911177
CH322-158A05	CHORI-322	2L	1033987	1055740
CH322-158A08	CHORI-322	3L	21643756	21666118
CH322-158A09	CHORI-322	2L	22140482	22159533

CH322-158A10	CHORI-322	3R	16935788	16954505
CH322-158A11	CHORI-322	X	2839007	2859185
CH322-158A12	CHORI-322	2L	6592725	6615275
CH322-158A14	CHORI-322	2L	15828970	15848862
CH322-158A15	CHORI-322	X	2740896	2761296
CH322-158A16	CHORI-322	3R	15652547	15673168
CH322-158A17	CHORI-322	3R	27257935	27278516
CH322-158A18	CHORI-322	3R	13733923	13751840
CH322-158A19	CHORI-322	2L	18262258	18285412
CH322-158A20	CHORI-322	2R	2833738	2853854
CH322-158A22	CHORI-322	3LHet	1150851	1170197
CH322-158A23	CHORI-322	ArmU	26887	46764
CH322-158A24	CHORI-322	X	9412601	9432572
CH322-158B01	CHORI-322	2R	11178660	11199448
CH322-158B02	CHORI-322	2R	11612801	11633402
CH322-158B04	CHORI-322	2L	15370434	15390806
CH322-158B05	CHORI-322	2L	19160692	19182474
CH322-158B06	CHORI-322	2L	12819818	12838352
CH322-158B07	CHORI-322	2R	12807041	12829180
CH322-158B09	CHORI-322	3R	11682034	11699570
CH322-158B10	CHORI-322	3L	2815753	2835486
CH322-158B11	CHORI-322	3L	5691012	5711663
CH322-158B12	CHORI-322	2R	16694213	16711877
CH322-158B13	CHORI-322	2L	4720754	4740245
CH322-158B15	CHORI-322	3R	14076423	14095376
CH322-158B16	CHORI-322	2R	8387683	8409310
CH322-158B17	CHORI-322	X	6294937	6314754
CH322-158B18	CHORI-322	2L	10788622	10809150
CH322-158B19	CHORI-322	3R	10164395	10185078
CH322-158B20	CHORI-322	3L	13663716	13682279
CH322-158B21	CHORI-322	2R	1794539	1814578
CH322-158B24	CHORI-322	3L	9627768	9649074
CH322-158C01	CHORI-322	2R	3495155	3519913
CH322-158C02	CHORI-322	2L	8260674	8278865
CH322-158C04	CHORI-322	2R	1946828	1966633
CH322-158C05	CHORI-322	3R	25264121	25282623
CH322-158C06	CHORI-322	3R	25470990	25490344
CH322-158C08	CHORI-322	X	21062395	21084120
CH322-158C09	CHORI-322	X	8937878	8959832
CH322-158C10	CHORI-322	X	18402771	18421549
CH322-158C11	CHORI-322	2L	6206116	6226050
CH322-158C12	CHORI-322	3L	3561729	3582688
CH322-158C13	CHORI-322	3L	12312963	12333368
CH322-158C15	CHORI-322	3LHet	1240374	1260722
CH322-158C16	CHORI-322	2L	13621899	13642483
CH322-158C17	CHORI-322	3R	9814909	9832974
CH322-158C18	CHORI-322	3L	14290165	14309345
CH322-158C19	CHORI-322	2L	2254399	2276059
CH322-158C20	CHORI-322	2R	3629563	3650142
CH322-158C21	CHORI-322	3L	234502	250846
CH322-158C22	CHORI-322	2L	2016648	2036258
CH322-158C23	CHORI-322	2L	6954434	6975014
CH322-158C24	CHORI-322	2L	8604962	8624714
CH322-158D01	CHORI-322	X	13413182	13432896

CH322-158D02	CHORI-322	3R	3756375	3777492
CH322-158D03	CHORI-322	X	14570026	14590739
CH322-158D04	CHORI-322	3L	121535	142252
CH322-158D05	CHORI-322	3R	2901746	2921836
CH322-158D06	CHORI-322	3R	10129631	10148297
CH322-158D07	CHORI-322	2R	9307350	9327762
CH322-158D10	CHORI-322	3L	4347567	4367923
CH322-158D12	CHORI-322	2L	20615418	20634625
CH322-158D13	CHORI-322	3R	25262595	25282163
CH322-158D14	CHORI-322	3R	1907537	1929994
CH322-158D15	CHORI-322	3R	16636998	16658079
CH322-158D16	CHORI-322	3R	7679382	7700149
CH322-158D17	CHORI-322	3L	8252821	8271840
CH322-158D18	CHORI-322	2L	7235090	7252264
CH322-158D20	CHORI-322	2L	15630819	15651279
CH322-158D23	CHORI-322	2R	18179990	18201115
CH322-158D24	CHORI-322	2L	10900272	10920623
CH322-158E02	CHORI-322	2R	11777425	11798618
CH322-158E03	CHORI-322	2R	4882439	4902151
CH322-158E04	CHORI-322	4	279990	299764
CH322-158E06	CHORI-322	2L	8868907	8889456
CH322-158E07	CHORI-322	3R	21187427	21209685
CH322-158E09	CHORI-322	3R	10052818	10073517
CH322-158E10	CHORI-322	2R	19070908	19090952
CH322-158E11	CHORI-322	2R	7861100	7882229
CH322-158E12	CHORI-322	3R	7062334	7082099
CH322-158E13	CHORI-322	3R	18442280	18462597
CH322-158E14	CHORI-322	3L	5588290	5609968
CH322-158E17	CHORI-322	3L	10069769	10089475
CH322-158E18	CHORI-322	2L	17267255	17286617
CH322-158E19	CHORI-322	2L	17519424	17538634
CH322-158E20	CHORI-322	3L	18132812	18154417
CH322-158E21	CHORI-322	2L	16638178	16659393
CH322-158E23	CHORI-322	3R	25301859	25325124
CH322-158E24	CHORI-322	3L	22089510	22110958
CH322-158F02	CHORI-322	3R	27056945	27079915
CH322-158F04	CHORI-322	X	5324185	5342868
CH322-158F05	CHORI-322	2R	19277196	19297380
CH322-158F06	CHORI-322	2L	3639848	3661397
CH322-158F07	CHORI-322	2R	13667146	13687645
CH322-158F08	CHORI-322	X	22187293	22207804
CH322-158F09	CHORI-322	2L	1113296	1133206
CH322-158F10	CHORI-322	2R	7601925	7622370
CH322-158F11	CHORI-322	2R	2368889	2390099
CH322-158F12	CHORI-322	2L	9449209	9468339
CH322-158F13	CHORI-322	3R	24231535	24253575
CH322-158F14	CHORI-322	3R	7546545	7568806
CH322-158F15	CHORI-322	2R	9247976	9270548
CH322-158F16	CHORI-322	X	8696084	8717518
CH322-158F17	CHORI-322	3L	9400985	9422242
CH322-158F18	CHORI-322	3L	5617312	5637745
CH322-158F19	CHORI-322	2R	9021996	9044009
CH322-158F21	CHORI-322	3R	8595794	8615155
CH322-158F23	CHORI-322	2L	22795588	22818648

CH322-158F24	CHORI-322	2R	17721337	17742841
CH322-158G01	CHORI-322	3L	20838487	20858697
CH322-158G02	CHORI-322	X	387484	407830
CH322-158G03	CHORI-322	3R	10441507	10464099
CH322-158G05	CHORI-322	3R	23067046	23086179
CH322-158G06	CHORI-322	3L	24151235	24171784
CH322-158G07	CHORI-322	3L	18455874	18477606
CH322-158G08	CHORI-322	2R	21120361	21139870
CH322-158G09	CHORI-322	3RHet	2470555	2490128
CH322-158G10	CHORI-322	3L	13268250	13286808
CH322-158G11	CHORI-322	2R	13613077	13635624
CH322-158G12	CHORI-322	X	4814480	4835426
CH322-158G13	CHORI-322	X	10829227	10850608
CH322-158G14	CHORI-322	2L	3203827	3225765
CH322-158G15	CHORI-322	3L	3615584	3634236
CH322-158G16	CHORI-322	3R	2811453	2830089
CH322-158G18	CHORI-322	X	12390159	12408918
CH322-158G21	CHORI-322	2L	82685	101555
CH322-158G22	CHORI-322	3L	14264410	14285452
CH322-158G24	CHORI-322	2R	4617549	4638150
CH322-158H01	CHORI-322	3L	13948151	13967333
CH322-158H03	CHORI-322	3R	21250584	21270832
CH322-158H04	CHORI-322	2L	3181198	3203830
CH322-158H05	CHORI-322	2L	5588059	5608052
CH322-158H07	CHORI-322	3R	17157143	17179833
CH322-158H09	CHORI-322	3R	5039884	5059510
CH322-158H10	CHORI-322	2L	1981273	2000293
CH322-158H11	CHORI-322	3R	5262039	5283349
CH322-158H12	CHORI-322	X	1809304	1833981
CH322-158H13	CHORI-322	3R	18386197	18405119
CH322-158H16	CHORI-322	2L	20005210	20025794
CH322-158H17	CHORI-322	2L	21233883	21257003
CH322-158H18	CHORI-322	3R	13337390	13358961
CH322-158H19	CHORI-322	3L	3759473	3781611
CH322-158H20	CHORI-322	X	10222333	10242178
CH322-158H21	CHORI-322	2R	9875924	9897001
CH322-158H23	CHORI-322	3L	19867902	19887893
CH322-158I02	CHORI-322	2R	17286191	17305687
CH322-158I03	CHORI-322	3L	10071479	10092262
CH322-158I06	CHORI-322	2LHet	194583	214436
CH322-158I08	CHORI-322	XHet	154922	176415
CH322-158I09	CHORI-322	2R	16444333	16463944
CH322-158I10	CHORI-322	3R	14921409	14942862
CH322-158I11	CHORI-322	3L	8933543	8955437
CH322-158I12	CHORI-322	2L	13875899	13896807
CH322-158I13	CHORI-322	2L	9425955	9449429
CH322-158I14	CHORI-322	3R	9827981	9847924
CH322-158I15	CHORI-322	2R	11471213	11493641
CH322-158I16	CHORI-322	X	9617432	9635904
CH322-158I17	CHORI-322	2L	19155091	19174685
CH322-158I18	CHORI-322	3R	22526692	22546927
CH322-158I19	CHORI-322	3R	23565898	23588193
CH322-158I20	CHORI-322	2RHet	544025	564985
CH322-158I23	CHORI-322	3R	25263906	25281441

CH322-158I24	CHORI-322	2R	13126939	13149629
CH322-158J01	CHORI-322	2R	6644829	6665680
CH322-158J03	CHORI-322	2L	17304823	17325709
CH322-158J09	CHORI-322	2R	16427212	16449611
CH322-158J10	CHORI-322	3L	19789259	19809462
CH322-158J11	CHORI-322	2R	1125139	1145885
CH322-158J13	CHORI-322	3R	6564996	6585117
CH322-158J14	CHORI-322	3R	13946615	13970768
CH322-158J15	CHORI-322	3R	2533509	2551387
CH322-158J17	CHORI-322	2L	22180814	22201831
CH322-158J18	CHORI-322	2L	7429849	7449474
CH322-158J20	CHORI-322	2L	4122763	4143027
CH322-158J21	CHORI-322	X	8977171	8997510
CH322-158J22	CHORI-322	3R	27331253	27349670
CH322-158J23	CHORI-322	X	4190395	4211755
CH322-158J24	CHORI-322	X	12942484	12962156
CH322-158K01	CHORI-322	2L	11999862	12024623
CH322-158K03	CHORI-322	3R	12603622	12623469
CH322-158K04	CHORI-322	2L	13308328	13328063
CH322-158K05	CHORI-322	2R	16919593	16940636
CH322-158K06	CHORI-322	3R	343545	361965
CH322-158K07	CHORI-322	X	16534690	16557803
CH322-158K09	CHORI-322	2RHet	504408	526255
CH322-158K10	CHORI-322	3R	27042155	27063672
CH322-158K11	CHORI-322	3L	8722903	8745611
CH322-158K13	CHORI-322	2L	17667329	17688785
CH322-158K14	CHORI-322	X	12219730	12240761
CH322-158K15	CHORI-322	2R	14863757	14884771
CH322-158K16	CHORI-322	3LHet	2224567	2243405
CH322-158K17	CHORI-322	3L	5877112	5896275
CH322-158K18	CHORI-322	3R	9017447	9041733
CH322-158K19	CHORI-322	3R	10029046	10049387
CH322-158K21	CHORI-322	2R	6088534	6106766
CH322-158K22	CHORI-322	3R	12193721	12216496
CH322-158K23	CHORI-322	2R	17020059	17043197
CH322-158K24	CHORI-322	3R	25002983	25022699
CH322-158L01	CHORI-322	2R	4932512	4952807
CH322-158L04	CHORI-322	3R	4276538	4295589
CH322-158L05	CHORI-322	X	13531454	13551962
CH322-158L06	CHORI-322	3L	24180837	24195921
CH322-158L08	CHORI-322	2R	9147083	9169476
CH322-158L09	CHORI-322	X	18749451	18770062
CH322-158L10	CHORI-322	2L	12178084	12199052
CH322-158L11	CHORI-322	2L	4215636	4235089
CH322-158L13	CHORI-322	X	18885585	18906362
CH322-158L15	CHORI-322	3R	5909564	5928732
CH322-158L16	CHORI-322	2L	12107844	12127830
CH322-158L19	CHORI-322	3L	999279	1019506
CH322-158L20	CHORI-322	3R	11385582	11405082
CH322-158L21	CHORI-322	2R	17504953	17524241
CH322-158L22	CHORI-322	X	11056370	11076474
CH322-158L23	CHORI-322	3R	2697997	2720582
CH322-158L24	CHORI-322	3R	18756801	18779150
CH322-158M01	CHORI-322	3L	2311027	2333430

CH322-158M02	CHORI-322	2R	11515909	11536679
CH322-158M03	CHORI-322	X	17229845	17249393
CH322-158M04	CHORI-322	2R	2891949	2912684
CH322-158M05	CHORI-322	3R	4952492	4972039
CH322-158M06	CHORI-322	3R	25431581	25452612
CH322-158M08	CHORI-322	2R	12214821	12236558
CH322-158M09	CHORI-322	X	8733159	8751614
CH322-158M10	CHORI-322	2R	8784594	8804155
CH322-158M13	CHORI-322	3L	23439439	23462002
CH322-158M14	CHORI-322	3R	22511162	22534727
CH322-158M15	CHORI-322	X	1291807	1312149
CH322-158M18	CHORI-322	3L	21513460	21533468
CH322-158M19	CHORI-322	4	521998	541912
CH322-158M20	CHORI-322	3R	9248668	9267984
CH322-158M21	CHORI-322	2L	12248284	12268353
CH322-158M22	CHORI-322	2R	18124206	18143912
CH322-158M23	CHORI-322	3L	6175377	6197098
CH322-158M24	CHORI-322	3L	17284384	17305539
CH322-158N02	CHORI-322	3L	3383700	3403170
CH322-158N04	CHORI-322	X	8894866	8915554
CH322-158N05	CHORI-322	3L	10782362	10803493
CH322-158N07	CHORI-322	3L	22325254	22346025
CH322-158N09	CHORI-322	3R	18715351	18736529
CH322-158N10	CHORI-322	2R	20774510	20796854
CH322-158N11	CHORI-322	X	5505	24356
CH322-158N12	CHORI-322	2R	10888789	10909923
CH322-158N14	CHORI-322	2L	16242541	16260876
CH322-158N15	CHORI-322	3L	8796990	8817266
CH322-158N16	CHORI-322	3R	14531633	14551895
CH322-158N18	CHORI-322	3L	21981011	22002446
CH322-158N19	CHORI-322	3L	18339365	18358033
CH322-158N20	CHORI-322	2R	2095624	2113855
CH322-158N21	CHORI-322	3R	19964230	19986359
CH322-158N22	CHORI-322	2L	5811348	5829124
CH322-158N23	CHORI-322	2R	18729364	18751126
CH322-158N24	CHORI-322	2L	2885081	2904936
CH322-158O03	CHORI-322	3L	14388171	14407414
CH322-158O04	CHORI-322	4	757011	775329
CH322-158O06	CHORI-322	3R	17072493	17092775
CH322-158O07	CHORI-322	2R	8057637	8078453
CH322-158O08	CHORI-322	3L	11228765	11247329
CH322-158O09	CHORI-322	3R	21609364	21632412
CH322-158O10	CHORI-322	2L	1540595	1558749
CH322-158O11	CHORI-322	2L	11657791	11679757
CH322-158O14	CHORI-322	2R	14272281	14294113
CH322-158O16	CHORI-322	3L	20649249	20668807
CH322-158O17	CHORI-322	3R	12129358	12149914
CH322-158O21	CHORI-322	3L	22516910	22540291
CH322-158O22	CHORI-322	X	9979908	9999738
CH322-158P01	CHORI-322	3R	18279658	18300337
CH322-158P02	CHORI-322	3L	13273569	13292272
CH322-158P03	CHORI-322	X	13645422	13667229
CH322-158P06	CHORI-322	2L	1163821	1184765
CH322-158P07	CHORI-322	3R	6262286	6284388

CH322-158P09	CHORI-322	X	12633486	12652397
CH322-158P11	CHORI-322	X	19202697	19222718
CH322-158P12	CHORI-322	2L	16314411	16333619
CH322-158P13	CHORI-322	X	22091045	22111818
CH322-158P14	CHORI-322	2R	12689595	12710026
CH322-158P15	CHORI-322	X	11289261	11308079
CH322-158P17	CHORI-322	3R	9443960	9463371
CH322-158P19	CHORI-322	2R	18819591	18840950
CH322-158P20	CHORI-322	2L	18653783	18676318
CH322-159A01	CHORI-322	3L	18464209	18483361
CH322-159A02	CHORI-322	3L	15877491	15898168
CH322-159A03	CHORI-322	2R	9792733	9814414
CH322-159A05	CHORI-322	2R	883460	903127
CH322-159A06	CHORI-322	2R	12248155	12268218
CH322-159A07	CHORI-322	3L	3192340	3213486
CH322-159A08	CHORI-322	2L	20837340	20857558
CH322-159A10	CHORI-322	2L	8603566	8623763
CH322-159A11	CHORI-322	3R	18168216	18187438
CH322-159A12	CHORI-322	2L	14070341	14090702
CH322-159A13	CHORI-322	3L	8082058	8102428
CH322-159A16	CHORI-322	3R	26837835	26857971
CH322-159A17	CHORI-322	3L	4783911	4804425
CH322-159A19	CHORI-322	2L	15390138	15411395
CH322-159A20	CHORI-322	3L	23376122	23395865
CH322-159A21	CHORI-322	3L	9321036	9341467
CH322-159A22	CHORI-322	2R	4107320	4128491
CH322-159A23	CHORI-322	X	17511490	17531481
CH322-159A24	CHORI-322	3R	12831403	12850076
CH322-159B01	CHORI-322	2R	12248870	12269951
CH322-159B02	CHORI-322	3R	7992669	8012980
CH322-159B06	CHORI-322	2RHet	236343	251406
CH322-159B07	CHORI-322	X	2896688	2916974
CH322-159B08	CHORI-322	3L	6859674	6882748
CH322-159B09	CHORI-322	2R	12363571	12382538
CH322-159B10	CHORI-322	3R	20247070	20266128
CH322-159B11	CHORI-322	2L	7270259	7288685
CH322-159B12	CHORI-322	2L	15563456	15581512
CH322-159B13	CHORI-322	3L	13674265	13694650
CH322-159B14	CHORI-322	2L	20636467	20655478
CH322-159B15	CHORI-322	X	13061503	13080587
CH322-159B16	CHORI-322	2R	15710857	15731441
CH322-159B19	CHORI-322	2L	20146114	20165454
CH322-159B20	CHORI-322	3R	12131116	12150682
CH322-159B21	CHORI-322	X	9381013	9403159
CH322-159B22	CHORI-322	2R	6241753	6263883
CH322-159B23	CHORI-322	2R	3532059	3552814
CH322-159B24	CHORI-322	3L	1134691	1154365
CH322-159C01	CHORI-322	2L	2917917	2939395
CH322-159C02	CHORI-322	3R	16041976	16059797
CH322-159C03	CHORI-322	X	6365364	6384346
CH322-159C04	CHORI-322	3L	2813548	2833393
CH322-159C05	CHORI-322	X	12084810	12105171
CH322-159C06	CHORI-322	2R	6536062	6554053
CH322-159C08	CHORI-322	3R	8353525	8375134

CH322-159C09	CHORI-322	3L	17555124	17574375
CH322-159C10	CHORI-322	3R	27018929	27038855
CH322-159C12	CHORI-322	2R	5953767	5976114
CH322-159C13	CHORI-322	3R	24025122	24046021
CH322-159C14	CHORI-322	3L	5066443	5085625
CH322-159C15	CHORI-322	2L	10425249	10444988
CH322-159C17	CHORI-322	2R	15155892	15175667
CH322-159C19	CHORI-322	2R	11290588	11312096
CH322-159C20	CHORI-322	3R	27199250	27216982
CH322-159C21	CHORI-322	3R	5797113	5814006
CH322-159C23	CHORI-322	2R	2424338	2447026
CH322-159C24	CHORI-322	2L	10178457	10198593
CH322-159D01	CHORI-322	2R	16988300	17006891
CH322-159D02	CHORI-322	3R	1317551	1338472
CH322-159D03	CHORI-322	2L	6012789	6031486
CH322-159D04	CHORI-322	X	20006961	20026981
CH322-159D05	CHORI-322	3R	24009700	24030096
CH322-159D07	CHORI-322	3L	400534	419207
CH322-159D08	CHORI-322	2L	737695	760485
CH322-159D09	CHORI-322	X	5824382	5846022
CH322-159D10	CHORI-322	2R	9594387	9614856
CH322-159D11	CHORI-322	X	16937575	16959991
CH322-159D12	CHORI-322	3L	5156952	5178542
CH322-159D13	CHORI-322	3L	693509	713460
CH322-159D14	CHORI-322	2R	2605133	2624539
CH322-159D17	CHORI-322	3L	22528881	22549944
CH322-159D18	CHORI-322	3L	22829782	22852708
CH322-159D19	CHORI-322	2R	11171238	11192517
CH322-159D20	CHORI-322	2L	3993243	4013086
CH322-159D23	CHORI-322	3LHet	874154	896690
CH322-159D24	CHORI-322	3L	4743517	4765556
CH322-159E02	CHORI-322	2L	5917059	5938796
CH322-159E03	CHORI-322	3L	1688389	1707311
CH322-159E04	CHORI-322	2L	14181626	14202373
CH322-159E06	CHORI-322	3L	2137282	2157608
CH322-159E07	CHORI-322	3R	1034479	1053724
CH322-159E08	CHORI-322	2L	11028412	11048787
CH322-159E09	CHORI-322	2R	7599132	7619606
CH322-159E11	CHORI-322	3L	5085363	5104897
CH322-159E12	CHORI-322	3R	13154473	13176414
CH322-159E13	CHORI-322	3L	18084005	18105708
CH322-159E14	CHORI-322	2R	16066565	16086481
CH322-159E15	CHORI-322	2R	16557398	16579753
CH322-159E16	CHORI-322	2R	6614447	6634999
CH322-159E17	CHORI-322	3R	2112213	2132758
CH322-159E18	CHORI-322	2L	4995771	5011556
CH322-159E19	CHORI-322	3R	897502	915907
CH322-159E20	CHORI-322	X	5300992	5322930
CH322-159E21	CHORI-322	ArmU	2765435	2781022
CH322-159E23	CHORI-322	3L	8928414	8948855
CH322-159E24	CHORI-322	3R	26501762	26520863
CH322-159F01	CHORI-322	X	18465199	18485555
CH322-159F02	CHORI-322	X	5516730	5537159
CH322-159F03	CHORI-322	3L	22608719	22629910

CH322-159F04	CHORI-322	3R	24118912	24142186
CH322-159F05	CHORI-322	2L	3026900	3047188
CH322-159F06	CHORI-322	3L	9171640	9191850
CH322-159F08	CHORI-322	2R	11340365	11361205
CH322-159F09	CHORI-322	2R	12728686	12751942
CH322-159F10	CHORI-322	3R	18069426	18090505
CH322-159F11	CHORI-322	3L	14806704	14829625
CH322-159F13	CHORI-322	2R	17350743	17371427
CH322-159F14	CHORI-322	2L	22461139	22481663
CH322-159F16	CHORI-322	2R	6681811	6702135
CH322-159F17	CHORI-322	2R	3106083	3125871
CH322-159F18	CHORI-322	3RHet	599315	618298
CH322-159F19	CHORI-322	3L	23402976	23424608
CH322-159F20	CHORI-322	X	12305722	12325908
CH322-159F22	CHORI-322	2L	11624575	11645148
CH322-159G01	CHORI-322	2L	4086454	4106165
CH322-159G05	CHORI-322	3L	21374494	21393599
CH322-159G06	CHORI-322	2L	13468133	13486677
CH322-159G08	CHORI-322	3L	14213290	14235861
CH322-159G09	CHORI-322	2L	14401696	14420900
CH322-159G10	CHORI-322	3L	10100985	10118295
CH322-159G11	CHORI-322	3R	7681685	7700149
CH322-159G13	CHORI-322	3L	15724634	15743832
CH322-159G14	CHORI-322	2L	4852374	4870457
CH322-159G15	CHORI-322	3R	4580640	4600379
CH322-159G16	CHORI-322	3R	5135821	5155312
CH322-159G17	CHORI-322	X	13060876	13080160
CH322-159G18	CHORI-322	4	976954	996672
CH322-159G19	CHORI-322	3R	20743784	20765059
CH322-159G20	CHORI-322	3L	22910318	22932609
CH322-159G21	CHORI-322	3R	24168677	24193428
CH322-159G23	CHORI-322	X	21879271	21898348
CH322-159H01	CHORI-322	3L	5432500	5452816
CH322-159H03	CHORI-322	X	15049274	15067435
CH322-159H04	CHORI-322	3L	13223031	13242043
CH322-159H05	CHORI-322	2R	16371624	16392482
CH322-159H06	CHORI-322	3R	16313318	16332336
CH322-159H07	CHORI-322	2L	20664335	20683098
CH322-159H08	CHORI-322	3L	2415726	2434944
CH322-159H11	CHORI-322	X	15450939	15470084
CH322-159H12	CHORI-322	3R	21046902	21069668
CH322-159H13	CHORI-322	X	1832602	1852821
CH322-159H14	CHORI-322	3R	3684133	3705950
CH322-159H15	CHORI-322	2L	17908917	17931461
CH322-159H16	CHORI-322	X	2205550	2226985
CH322-159H17	CHORI-322	X	21852941	21874255
CH322-159H20	CHORI-322	3L	20739173	20760959
CH322-159H21	CHORI-322	2L	11109019	11131485
CH322-159H22	CHORI-322	2R	5820217	5841575
CH322-159H23	CHORI-322	2R	20799612	20821749
CH322-159H24	CHORI-322	3R	8186484	8210230
CH322-159I01	CHORI-322	3R	690304	710749
CH322-159I02	CHORI-322	2R	15748059	15770381
CH322-159I03	CHORI-322	3L	14834343	14856034

CH322-159I04	CHORI-322	3R	26226730	26247332
CH322-159I06	CHORI-322	2RHet	1957293	1979282
CH322-159I07	CHORI-322	2L	5398950	5418139
CH322-159I08	CHORI-322	3L	12781427	12801892
CH322-159I09	CHORI-322	2R	1583195	1601493
CH322-159I11	CHORI-322	2L	12610989	12630979
CH322-159I12	CHORI-322	3R	412372	433317
CH322-159I13	CHORI-322	2L	2605050	2624804
CH322-159I15	CHORI-322	2L	4411935	4434180
CH322-159I16	CHORI-322	2L	10856455	10877936
CH322-159I17	CHORI-322	2R	2440070	2458235
CH322-159I18	CHORI-322	2L	13351343	13372358
CH322-159I19	CHORI-322	2L	9198698	9217967
CH322-159I20	CHORI-322	X	3688834	3709179
CH322-159I21	CHORI-322	2L	22604794	22625163
CH322-159I23	CHORI-322	3R	16755902	16777439
CH322-159I24	CHORI-322	2L	2463644	2486882
CH322-159J01	CHORI-322	2R	20703105	20722440
CH322-159J04	CHORI-322	3R	7650039	7667164
CH322-159J05	CHORI-322	X	18114819	18134042
CH322-159J06	CHORI-322	3R	935802	955024
CH322-159J08	CHORI-322	2R	18740972	18761075
CH322-159J09	CHORI-322	2R	19498408	19521502
CH322-159J10	CHORI-322	3R	7567610	7587319
CH322-159J11	CHORI-322	3L	21704735	21725304
CH322-159J12	CHORI-322	3L	13858309	13879940
CH322-159J13	CHORI-322	3R	22476791	22497741
CH322-159J14	CHORI-322	3L	24027379	24047514
CH322-159J15	CHORI-322	3R	15606848	15629455
CH322-159J16	CHORI-322	4	364653	385746
CH322-159J17	CHORI-322	3R	7346237	7366582
CH322-159J18	CHORI-322	2L	7863857	7883475
CH322-159J19	CHORI-322	X	7972899	7993252
CH322-159J20	CHORI-322	2R	20701762	20722656
CH322-159J21	CHORI-322	2L	2216019	2240507
CH322-159K04	CHORI-322	2L	671164	691135
CH322-159K05	CHORI-322	3L	19883281	19905381
CH322-159K06	CHORI-322	2L	8547863	8570739
CH322-159K07	CHORI-322	3L	22174135	22195802
CH322-159K08	CHORI-322	3L	5724602	5743770
CH322-159K10	CHORI-322	X	4117462	4138525
CH322-159K11	CHORI-322	2R	14518257	14538458
CH322-159K12	CHORI-322	3R	2000327	2019031
CH322-159K13	CHORI-322	3R	26769628	26790034
CH322-159K14	CHORI-322	3L	10962457	10983905
CH322-159K15	CHORI-322	3L	14697734	14718065
CH322-159K16	CHORI-322	2R	1191182	1209882
CH322-159K18	CHORI-322	3R	13323104	13343968
CH322-159K20	CHORI-322	3L	19247470	19266224
CH322-159K22	CHORI-322	3R	21878831	21900848
CH322-159K24	CHORI-322	2L	18220364	18242501
CH322-159L01	CHORI-322	2R	20340021	20361206
CH322-159L02	CHORI-322	3L	16529599	16549577
CH322-159L03	CHORI-322	3L	6929687	6949675

CH322-159L04	CHORI-322	2L	4388053	4411938
CH322-159L05	CHORI-322	3R	19968742	19989766
CH322-159L06	CHORI-322	2L	13349871	13369547
CH322-159L07	CHORI-322	X	18554934	18576979
CH322-159L08	CHORI-322	2L	1041198	1060470
CH322-159L10	CHORI-322	X	5144161	5162049
CH322-159L11	CHORI-322	3R	26888121	26909874
CH322-159L13	CHORI-322	3R	12397711	12418489
CH322-159L14	CHORI-322	2L	10024411	10042608
CH322-159L18	CHORI-322	2L	11043859	11064005
CH322-159L19	CHORI-322	3L	292325	311819
CH322-159L20	CHORI-322	X	18174087	18193888
CH322-159L21	CHORI-322	2R	3888062	3909900
CH322-159L22	CHORI-322	3R	412649	430868
CH322-159L23	CHORI-322	2R	14024557	14045942
CH322-159L24	CHORI-322	X	13456532	13477294
CH322-159M01	CHORI-322	3L	22863360	22881011
CH322-159M02	CHORI-322	2L	1403464	1425223
CH322-159M03	CHORI-322	2L	18475399	18494695
CH322-159M04	CHORI-322	2L	10328494	10347573
CH322-159M05	CHORI-322	2R	10603177	10621034
CH322-159M06	CHORI-322	3R	16417576	16438978
CH322-159M07	CHORI-322	2L	17820351	17842776
CH322-159M08	CHORI-322	3L	7038681	7061217
CH322-159M09	CHORI-322	3R	7418160	7437837
CH322-159M10	CHORI-322	X	16608837	16627579
CH322-159M11	CHORI-322	2L	19339330	19359727
CH322-159M14	CHORI-322	X	2449180	2472430
CH322-159M15	CHORI-322	X	4994675	5018859
CH322-159M16	CHORI-322	X	16816640	16836623
CH322-159M19	CHORI-322	3R	6137217	6157923
CH322-159M20	CHORI-322	3L	8863265	8882980
CH322-159M24	CHORI-322	X	20164584	20185712
CH322-159N01	CHORI-322	3R	15464975	15488237
CH322-159N03	CHORI-322	2RHet	1717325	1740055
CH322-159N04	CHORI-322	2L	10092042	10114066
CH322-159N05	CHORI-322	3R	4451712	4472216
CH322-159N09	CHORI-322	X	1776068	1798542
CH322-159N10	CHORI-322	3R	20546152	20566812
CH322-159N11	CHORI-322	2R	15778298	15796404
CH322-159N13	CHORI-322	3L	1505335	1525996
CH322-159N15	CHORI-322	3L	3722508	3743434
CH322-159N17	CHORI-322	3R	26494364	26515863
CH322-159N20	CHORI-322	3L	2138283	2159224
CH322-159N23	CHORI-322	2L	3127787	3147070
CH322-159N24	CHORI-322	2L	6147517	6169427
CH322-159O01	CHORI-322	3L	24515936	24534791
CH322-159O02	CHORI-322	3R	3954102	3975884
CH322-159O03	CHORI-322	3R	23533562	23555983
CH322-159O04	CHORI-322	3RHet	2096642	2119537
CH322-159O05	CHORI-322	X	9417387	9437026
CH322-159O06	CHORI-322	3L	18687611	18705646
CH322-159O07	CHORI-322	2L	16253939	16274378
CH322-159O08	CHORI-322	2R	19225729	19244607

CH322-159O09	CHORI-322	3R	13681919	13701178
CH322-159O10	CHORI-322	3R	7290779	7314331
CH322-159O11	CHORI-322	2R	8667745	8686792
CH322-159O12	CHORI-322	2R	11954915	11976748
CH322-159O13	CHORI-322	2L	21091550	21114996
CH322-159O14	CHORI-322	3L	6059126	6081872
CH322-159O15	CHORI-322	X	18041169	18063253
CH322-159O16	CHORI-322	3R	20995488	21014622
CH322-159O17	CHORI-322	2R	2727931	2751246
CH322-159O18	CHORI-322	3R	7867413	7887370
CH322-159O19	CHORI-322	X	13091631	13111796
CH322-159O20	CHORI-322	2R	16481525	16500518
CH322-159O21	CHORI-322	3L	5229517	5251128
CH322-159O22	CHORI-322	3R	14369770	14390332
CH322-159P02	CHORI-322	X	22053354	22071200
CH322-159P03	CHORI-322	3L	9734795	9755697
CH322-159P05	CHORI-322	3L	16037536	16058580
CH322-159P08	CHORI-322	3R	8263731	8281168
CH322-159P10	CHORI-322	2R	13610526	13631018
CH322-159P13	CHORI-322	2R	10574621	10595016
CH322-159P15	CHORI-322	X	13509921	13527998
CH322-159P16	CHORI-322	2R	3087317	3108494
CH322-159P17	CHORI-322	2L	4343616	4364041
CH322-159P18	CHORI-322	2L	2184491	2206311
CH322-159P19	CHORI-322	2L	8814479	8836116
CH322-159P20	CHORI-322	2L	11558395	11579641
CH322-159P21	CHORI-322	2L	7753688	7777043
CH322-159P22	CHORI-322	3L	15152631	15173220
CH322-15A03	CHORI-322	3L	1668549	1693049
CH322-15A04	CHORI-322	3R	12413652	12436009
CH322-15A05	CHORI-322	3L	10394632	10417760
CH322-15A07	CHORI-322	X	17741306	17763441
CH322-15A09	CHORI-322	3L	19060565	19081815
CH322-15A10	CHORI-322	3L	3816392	3837961
CH322-15A11	CHORI-322	2L	7860675	7879987
CH322-15A12	CHORI-322	3R	21760170	21781613
CH322-15A14	CHORI-322	3R	17117375	17138383
CH322-15A16	CHORI-322	2L	3586959	3608554
CH322-15A17	CHORI-322	3R	25469666	25491442
CH322-15A19	CHORI-322	2R	18842690	18864811
CH322-15A20	CHORI-322	2L	10979289	11000283
CH322-15B03	CHORI-322	3L	11116975	11138825
CH322-15B06	CHORI-322	3R	11817096	11838758
CH322-15B07	CHORI-322	2L	13146493	13168869
CH322-15B09	CHORI-322	2R	14333075	14358170
CH322-15B16	CHORI-322	3R	7582688	7603418
CH322-15B17	CHORI-322	2L	9427501	9449655
CH322-15B18	CHORI-322	2R	19817924	19837753
CH322-15B20	CHORI-322	2R	17415693	17436652
CH322-15B22	CHORI-322	2R	8051176	8075550
CH322-15C01	CHORI-322	3L	4223966	4245225
CH322-15C05	CHORI-322	2L	8996949	9020258
CH322-15C08	CHORI-322	3R	11052951	11072995
CH322-15C11	CHORI-322	2L	7313946	7337339

CH322-15C19	CHORI-322	X	20618413	20637946
CH322-15C20	CHORI-322	3L	3392358	3416260
CH322-15C21	CHORI-322	2L	6750099	6770769
CH322-15C23	CHORI-322	2R	11740944	11764606
CH322-15D04	CHORI-322	3L	21617595	21643301
CH322-15D05	CHORI-322	2R	894348	915930
CH322-15D08	CHORI-322	3R	25506693	25526618
CH322-15D09	CHORI-322	2L	9910739	9930907
CH322-15D10	CHORI-322	2R	3659458	3681376
CH322-15D17	CHORI-322	3L	11813243	11834378
CH322-15D18	CHORI-322	3L	17846648	17867566
CH322-15D19	CHORI-322	X	17099932	17122965
CH322-15D21	CHORI-322	2RHet	3143858	3167105
CH322-15E03	CHORI-322	2R	18195237	18216830
CH322-15E08	CHORI-322	2L	14427081	14449153
CH322-15E09	CHORI-322	3R	9484996	9506286
CH322-15E11	CHORI-322	X	10236277	10256766
CH322-15E18	CHORI-322	2R	9499344	9518091
CH322-15E22	CHORI-322	X	1813154	1836303
CH322-15F01	CHORI-322	2R	17789065	17808102
CH322-15F03	CHORI-322	3R	22095087	22116815
CH322-15F04	CHORI-322	2R	11151303	11171646
CH322-15F10	CHORI-322	2L	21815969	21838985
CH322-15F11	CHORI-322	2L	1912211	1935841
CH322-15F14	CHORI-322	2L	18486251	18507153
CH322-15F16	CHORI-322	3R	14514434	14534465
CH322-15F18	CHORI-322	2RHet	1724285	1743496
CH322-15F20	CHORI-322	3L	13208986	13230826
CH322-15F22	CHORI-322	2L	18113378	18134598
CH322-15F23	CHORI-322	X	8037297	8058851
CH322-15G02	CHORI-322	2L	7313946	7333799
CH322-15G03	CHORI-322	3L	622149	645515
CH322-15G06	CHORI-322	3LHet	1340137	1361571
CH322-15G08	CHORI-322	2R	20231483	20255411
CH322-15G09	CHORI-322	2L	1600820	1621651
CH322-15G10	CHORI-322	2L	22245384	22262420
CH322-15G15	CHORI-322	2R	14020015	14041882
CH322-15G16	CHORI-322	3R	18704993	18726172
CH322-15G19	CHORI-322	X	2561310	2586637
CH322-15G21	CHORI-322	2R	17894340	17915631
CH322-15G22	CHORI-322	2R	18963798	18984416
CH322-15G23	CHORI-322	2L	20019674	20041494
CH322-15H03	CHORI-322	2L	21115762	21137764
CH322-15H08	CHORI-322	3R	5361065	5386167
CH322-15H10	CHORI-322	3L	9198028	9218874
CH322-15H11	CHORI-322	2L	7471225	7494971
CH322-15H12	CHORI-322	2L	9941783	9959598
CH322-15H13	CHORI-322	3R	11304112	11325745
CH322-15H14	CHORI-322	3R	16506085	16526546
CH322-15H16	CHORI-322	2R	7615680	7635692
CH322-15H17	CHORI-322	3R	21202184	21224014
CH322-15H18	CHORI-322	2L	1419094	1442969
CH322-15H19	CHORI-322	2R	16288240	16309966
CH322-15H20	CHORI-322	2R	4978010	4996822

CH322-15H21	CHORI-322	X	5193388	5213291
CH322-15H22	CHORI-322	X	8692022	8713347
CH322-15I02	CHORI-322	2R	7556526	7577450
CH322-15I06	CHORI-322	2L	5276765	5299151
CH322-15I09	CHORI-322	3R	5887589	5909829
CH322-15I15	CHORI-322	3R	21955031	21974977
CH322-15I23	CHORI-322	X	10798023	10819084
CH322-15J02	CHORI-322	3R	3824530	3849140
CH322-15J03	CHORI-322	3R	11455853	11478254
CH322-15J06	CHORI-322	2R	16900613	16924999
CH322-15J08	CHORI-322	2R	15164063	15188298
CH322-15J09	CHORI-322	3L	3156461	3179460
CH322-15J10	CHORI-322	2L	14116675	14137047
CH322-15J12	CHORI-322	3L	15271814	15293021
CH322-15J13	CHORI-322	3R	259474	280925
CH322-15J15	CHORI-322	3R	13013944	13032796
CH322-15J16	CHORI-322	3L	22751643	22771330
CH322-15J17	CHORI-322	2R	4030238	4050941
CH322-15K02	CHORI-322	2L	20766560	20786108
CH322-15K03	CHORI-322	3L	15574835	15595326
CH322-15K06	CHORI-322	2L	7975962	7996365
CH322-15K08	CHORI-322	2L	2957834	2981648
CH322-15K10	CHORI-322	3L	147836	168828
CH322-15K11	CHORI-322	2L	15259051	15280000
CH322-15K13	CHORI-322	2R	19336650	19356967
CH322-15K18	CHORI-322	X	1217217	1241284
CH322-15K21	CHORI-322	2R	9346242	9369837
CH322-15K22	CHORI-322	3L	417389	439961
CH322-15L04	CHORI-322	3L	23260462	23280026
CH322-15L05	CHORI-322	3L	20929787	20953204
CH322-15L06	CHORI-322	2R	14736304	14756902
CH322-15L07	CHORI-322	2R	18884294	18905435
CH322-15L08	CHORI-322	3L	15604794	15626285
CH322-15L10	CHORI-322	3R	23638207	23659322
CH322-15L11	CHORI-322	X	19145386	19166462
CH322-15L14	CHORI-322	2L	22606308	22627167
CH322-15L15	CHORI-322	3L	4828302	4856548
CH322-15L16	CHORI-322	X	9776875	9795935
CH322-15L17	CHORI-322	3L	21108160	21129912
CH322-15L18	CHORI-322	2R	12062864	12088345
CH322-15L22	CHORI-322	2L	19757361	19780679
CH322-15M01	CHORI-322	3L	10986103	11007640
CH322-15M03	CHORI-322	3L	11396341	11419600
CH322-15M04	CHORI-322	X	3357361	3378743
CH322-15M05	CHORI-322	3R	24647484	24668311
CH322-15M07	CHORI-322	3L	15092367	15114875
CH322-15M09	CHORI-322	2R	11812432	11834120
CH322-15M13	CHORI-322	3L	8222952	8241343
CH322-15M14	CHORI-322	2R	17149302	17168997
CH322-15M15	CHORI-322	X	19104948	19124436
CH322-15M16	CHORI-322	2R	20565084	20588060
CH322-15M17	CHORI-322	2L	819493	841768
CH322-15M18	CHORI-322	3L	13354394	13373887
CH322-15M19	CHORI-322	2L	5842548	5863200

CH322-15M21	CHORI-322	3L	8987065	9011685
CH322-15M22	CHORI-322	3L	23309919	23331086
CH322-15M23	CHORI-322	3R	14619787	14640224
CH322-15M24	CHORI-322	2R	17862955	17882899
CH322-15N01	CHORI-322	2L	3390562	3410851
CH322-15N04	CHORI-322	3R	3314765	3335712
CH322-15N05	CHORI-322	2L	13135690	13156950
CH322-15N06	CHORI-322	2R	16719101	16739928
CH322-15N08	CHORI-322	X	12306304	12329230
CH322-15N09	CHORI-322	3L	22283875	22305701
CH322-15N10	CHORI-322	3R	24966409	24991414
CH322-15N11	CHORI-322	3R	8053061	8076344
CH322-15N14	CHORI-322	3R	12647683	12670478
CH322-15N16	CHORI-322	X	11946128	11971695
CH322-15N17	CHORI-322	2R	1046832	1069739
CH322-15N19	CHORI-322	2L	20460666	20482569
CH322-15N20	CHORI-322	2R	9644008	9663368
CH322-15N22	CHORI-322	2L	3829987	3852286
CH322-15N23	CHORI-322	2R	19516391	19537637
CH322-15O01	CHORI-322	2L	3665549	3685946
CH322-15O03	CHORI-322	2R	13603923	13625538
CH322-15O04	CHORI-322	2L	5336112	5357660
CH322-15O07	CHORI-322	2R	11165951	11190090
CH322-15O09	CHORI-322	X	1076649	1100966
CH322-15O10	CHORI-322	X	15450939	15473138
CH322-15O11	CHORI-322	3R	18612229	18636712
CH322-15O12	CHORI-322	3L	1743666	1767285
CH322-15O13	CHORI-322	2R	18993036	19015590
CH322-15O14	CHORI-322	3R	5558481	5578471
CH322-15O16	CHORI-322	3R	7159064	7180633
CH322-15O17	CHORI-322	3L	19536600	19559245
CH322-15O19	CHORI-322	3L	11227226	11249925
CH322-15O20	CHORI-322	3R	664895	685766
CH322-15O22	CHORI-322	3R	3849603	3868978
CH322-15O24	CHORI-322	3R	6292072	6311974
CH322-15P02	CHORI-322	3L	5584107	5604666
CH322-15P03	CHORI-322	2R	15387641	15407889
CH322-15P04	CHORI-322	2R	8116402	8139560
CH322-15P05	CHORI-322	2R	13997099	14018076
CH322-15P06	CHORI-322	2R	4114963	4135166
CH322-15P07	CHORI-322	2R	19470463	19491454
CH322-15P09	CHORI-322	3R	11333934	11358897
CH322-15P11	CHORI-322	3L	9397852	9420800
CH322-15P16	CHORI-322	X	20542896	20562826
CH322-15P17	CHORI-322	3L	7117514	7142176
CH322-15P21	CHORI-322	2R	4615468	4637529
CH322-160A03	CHORI-322	2R	13169184	13189438
CH322-160A07	CHORI-322	3L	5316310	5337605
CH322-160A08	CHORI-322	2R	14515792	14536005
CH322-160A10	CHORI-322	2R	20060898	20083488
CH322-160A12	CHORI-322	X	4224438	4247979
CH322-160A14	CHORI-322	3L	8808407	8830264
CH322-160A15	CHORI-322	2L	786788	809375
CH322-160A16	CHORI-322	2L	5784467	5806583

CH322-160A17	CHORI-322	X	17442513	17461719
CH322-160A18	CHORI-322	3R	24090906	24111161
CH322-160A19	CHORI-322	3R	9535181	9555079
CH322-160A20	CHORI-322	2R	19854004	19874639
CH322-160A22	CHORI-322	3R	21593358	21612445
CH322-160B01	CHORI-322	3L	8093401	8113388
CH322-160B05	CHORI-322	2R	8374364	8393567
CH322-160B06	CHORI-322	3L	18466926	18484992
CH322-160B08	CHORI-322	X	3517285	3539126
CH322-160B09	CHORI-322	3L	5565095	5585402
CH322-160B10	CHORI-322	2R	9221671	9241409
CH322-160B11	CHORI-322	2L	15935297	15956235
CH322-160B12	CHORI-322	3L	16960258	16980600
CH322-160B13	CHORI-322	2R	18900191	18921289
CH322-160B15	CHORI-322	2R	15295398	15315716
CH322-160B16	CHORI-322	2L	19387342	19408782
CH322-160B17	CHORI-322	3L	15959441	15980132
CH322-160B18	CHORI-322	2L	17620786	17642935
CH322-160B19	CHORI-322	4	1043668	1063234
CH322-160B21	CHORI-322	3L	22493174	22516783
CH322-160B22	CHORI-322	X	5005048	5025213
CH322-160B23	CHORI-322	2L	19366234	19386429
CH322-160C04	CHORI-322	2L	8780132	8798259
CH322-160C06	CHORI-322	3L	13142869	13162030
CH322-160C08	CHORI-322	2L	11611701	11631233
CH322-160C09	CHORI-322	3R	9704520	9722859
CH322-160C10	CHORI-322	2L	16710202	16731138
CH322-160C11	CHORI-322	2R	17474620	17497674
CH322-160C12	CHORI-322	2L	2251779	2270772
CH322-160C13	CHORI-322	2L	787033	808537
CH322-160C14	CHORI-322	X	5279412	5300629
CH322-160C16	CHORI-322	2L	4952677	4974486
CH322-160C17	CHORI-322	2R	2923751	2943220
CH322-160C19	CHORI-322	2R	14749720	14769733
CH322-160C20	CHORI-322	3L	12339753	12359168
CH322-160C22	CHORI-322	2L	3475193	3494487
CH322-160C23	CHORI-322	3L	22951216	22973226
CH322-160C24	CHORI-322	2L	5929320	5951835
CH322-160D02	CHORI-322	2RHet	1935803	1956622
CH322-160D03	CHORI-322	2R	18018600	18039940
CH322-160D04	CHORI-322	2L	5159634	5180223
CH322-160D05	CHORI-322	2R	14512362	14533620
CH322-160D06	CHORI-322	3L	22947057	22969938
CH322-160D07	CHORI-322	3R	11887621	11910095
CH322-160D08	CHORI-322	3R	17006592	17027586
CH322-160D09	CHORI-322	3R	24183508	24204012
CH322-160D10	CHORI-322	2R	13283761	13305257
CH322-160D11	CHORI-322	3R	12252728	12274220
CH322-160D12	CHORI-322	2R	892843	911981
CH322-160D14	CHORI-322	2R	18115172	18136962
CH322-160D16	CHORI-322	3R	25934503	25958942
CH322-160D17	CHORI-322	3R	10321660	10343091
CH322-160D18	CHORI-322	3L	21088427	21108207
CH322-160D19	CHORI-322	2RHet	1444865	1464794

CH322-160D20	CHORI-322	2R	11254175	11274164
CH322-160D21	CHORI-322	3L	14141914	14161902
CH322-160D22	CHORI-322	X	14419662	14440754
CH322-160D23	CHORI-322	X	6200105	6221331
CH322-160E01	CHORI-322	2L	18858145	18877949
CH322-160E02	CHORI-322	2R	4628781	4650502
CH322-160E04	CHORI-322	3L	18772827	18794992
CH322-160E05	CHORI-322	2L	14031345	14051351
CH322-160E07	CHORI-322	2R	11715546	11736801
CH322-160E09	CHORI-322	2R	7822733	7842601
CH322-160E11	CHORI-322	X	1297374	1317087
CH322-160E12	CHORI-322	2R	631251	651990
CH322-160E13	CHORI-322	2L	4128416	4150168
CH322-160E14	CHORI-322	3R	26797002	26818102
CH322-160E15	CHORI-322	2L	12041579	12064244
CH322-160E17	CHORI-322	X	9617432	9635536
CH322-160E19	CHORI-322	X	20246825	20263153
CH322-160E22	CHORI-322	3L	13957716	13979438
CH322-160E23	CHORI-322	X	9954723	9973840
CH322-160E24	CHORI-322	2RHet	178405	198563
CH322-160F02	CHORI-322	3R	16270012	16291339
CH322-160F03	CHORI-322	2L	8757280	8777761
CH322-160F05	CHORI-322	2R	14865581	14884610
CH322-160F06	CHORI-322	X	13049801	13072406
CH322-160F08	CHORI-322	2R	17458307	17478345
CH322-160F09	CHORI-322	3R	24449994	24471795
CH322-160F10	CHORI-322	2L	8177816	8197725
CH322-160F12	CHORI-322	X	19152839	19172687
CH322-160F13	CHORI-322	2L	1319999	1342899
CH322-160F14	CHORI-322	2R	9852698	9872036
CH322-160F15	CHORI-322	3L	7558843	7578311
CH322-160F16	CHORI-322	3R	19428726	19450242
CH322-160F18	CHORI-322	X	7282808	7303437
CH322-160F19	CHORI-322	2L	2666909	2687749
CH322-160F20	CHORI-322	X	5922147	5942431
CH322-160F21	CHORI-322	2R	2688371	2708870
CH322-160F22	CHORI-322	3R	7935773	7956524
CH322-160G01	CHORI-322	2L	12382352	12402400
CH322-160G02	CHORI-322	2L	10787939	10806041
CH322-160G03	CHORI-322	3R	20920972	20942793
CH322-160G04	CHORI-322	2L	20116101	20137289
CH322-160G05	CHORI-322	2R	5377929	5398429
CH322-160G06	CHORI-322	3R	11092575	11112280
CH322-160G07	CHORI-322	2RHet	616025	635763
CH322-160G08	CHORI-322	3R	7620894	7640379
CH322-160G09	CHORI-322	3L	1232817	1256036
CH322-160G10	CHORI-322	3L	20746053	20767420
CH322-160G11	CHORI-322	X	2343502	2362867
CH322-160G12	CHORI-322	3R	7206488	7226593
CH322-160G13	CHORI-322	2L	20616122	20634625
CH322-160G14	CHORI-322	2L	17182033	17203648
CH322-160G15	CHORI-322	3LHet	908934	929280
CH322-160G17	CHORI-322	2L	14363947	14383520
CH322-160G18	CHORI-322	2L	16194144	16211878

CH322-160G21	CHORI-322	3L	870597	890446
CH322-160G22	CHORI-322	3L	19536524	19559587
CH322-160G23	CHORI-322	3R	4575112	4596550
CH322-160G24	CHORI-322	2L	13479713	13498897
CH322-160H02	CHORI-322	2L	10745346	10764589
CH322-160H03	CHORI-322	X	16728538	16747890
CH322-160H04	CHORI-322	3R	24268752	24289935
CH322-160H05	CHORI-322	X	11338950	11358670
CH322-160H06	CHORI-322	X	21430397	21452760
CH322-160H07	CHORI-322	X	4070362	4091504
CH322-160H09	CHORI-322	3R	3901910	3923175
CH322-160H10	CHORI-322	2R	14042132	14062202
CH322-160H11	CHORI-322	3R	9355665	9377750
CH322-160H12	CHORI-322	3R	5912516	5930239
CH322-160H13	CHORI-322	3R	5348380	5368111
CH322-160H14	CHORI-322	3R	10304882	10326034
CH322-160H18	CHORI-322	3L	13230823	13247704
CH322-160H19	CHORI-322	2R	11322442	11343474
CH322-160H20	CHORI-322	3L	22955516	22977529
CH322-160H21	CHORI-322	3L	2477802	2497672
CH322-160H22	CHORI-322	2R	7944584	7965437
CH322-160H23	CHORI-322	2R	19026366	19048532
CH322-160H24	CHORI-322	3R	22143933	22164835
CH322-160I04	CHORI-322	2L	3948912	3970199
CH322-160I05	CHORI-322	3LHet	2059247	2079889
CH322-160I08	CHORI-322	2R	20934008	20954962
CH322-160I09	CHORI-322	3R	7734149	7755166
CH322-160I11	CHORI-322	3R	10884971	10908114
CH322-160I12	CHORI-322	3L	5920394	5942558
CH322-160I13	CHORI-322	3R	15087805	15108446
CH322-160I15	CHORI-322	2L	14205784	14225710
CH322-160I16	CHORI-322	3L	13412572	13433697
CH322-160I17	CHORI-322	2L	21931206	21951527
CH322-160I18	CHORI-322	2L	1332774	1355122
CH322-160I19	CHORI-322	2L	13743453	13765085
CH322-160I21	CHORI-322	2L	22534373	22556431
CH322-160J02	CHORI-322	3L	14298406	14318354
CH322-160J04	CHORI-322	2L	11408147	11431122
CH322-160J07	CHORI-322	3L	10090464	10110545
CH322-160J08	CHORI-322	3R	26029937	26050984
CH322-160J09	CHORI-322	X	19946008	19967953
CH322-160J10	CHORI-322	3R	14765545	14785763
CH322-160J11	CHORI-322	2R	9168038	9187454
CH322-160J12	CHORI-322	X	21438193	21457189
CH322-160J13	CHORI-322	3R	17312074	17332878
CH322-160J14	CHORI-322	2L	18269172	18291286
CH322-160J15	CHORI-322	3L	2298951	2320535
CH322-160J16	CHORI-322	3R	12643416	12662935
CH322-160J17	CHORI-322	3L	3555476	3574738
CH322-160J18	CHORI-322	X	17407312	17428255
CH322-160J20	CHORI-322	X	21946993	21968450
CH322-160J21	CHORI-322	2L	5894795	5916138
CH322-160J22	CHORI-322	2R	8078987	8100412
CH322-160J23	CHORI-322	3R	27743758	27764651

CH322-160K03	CHORI-322	X	19639822	19662528
CH322-160K05	CHORI-322	2L	1391296	1410872
CH322-160K07	CHORI-322	3L	23517559	23536714
CH322-160K08	CHORI-322	3L	2139925	2159499
CH322-160K13	CHORI-322	3L	14271714	14292353
CH322-160K15	CHORI-322	2L	10060942	10081242
CH322-160K17	CHORI-322	3L	5375444	5395586
CH322-160K18	CHORI-322	X	21972787	21991937
CH322-160K19	CHORI-322	2L	13512400	13530994
CH322-160K21	CHORI-322	3R	20372331	20391625
CH322-160K22	CHORI-322	3R	10149777	10169727
CH322-160K23	CHORI-322	2L	5437973	5457811
CH322-160L07	CHORI-322	3L	9797221	9818145
CH322-160L08	CHORI-322	3L	5830287	5849184
CH322-160L09	CHORI-322	2L	19266868	19287656
CH322-160L11	CHORI-322	2R	1763007	1784770
CH322-160L12	CHORI-322	3R	21873704	21894754
CH322-160L14	CHORI-322	3R	26045233	26067298
CH322-160L17	CHORI-322	3L	19086918	19108275
CH322-160L22	CHORI-322	3L	12254556	12273716
CH322-160L23	CHORI-322	X	5568632	5592208
CH322-160M04	CHORI-322	2L	14529611	14547598
CH322-160M05	CHORI-322	2L	5252596	5271807
CH322-160M06	CHORI-322	2R	12250278	12270783
CH322-160M07	CHORI-322	2R	8851860	8873743
CH322-160M08	CHORI-322	3L	16082766	16103673
CH322-160M09	CHORI-322	X	14316226	14336684
CH322-160M11	CHORI-322	3L	24138957	24161007
CH322-160M12	CHORI-322	2L	7499332	7519809
CH322-160M13	CHORI-322	3R	1336497	1359368
CH322-160M16	CHORI-322	X	9330345	9350301
CH322-160M18	CHORI-322	X	3417363	3437722
CH322-160M20	CHORI-322	2R	1261075	1283235
CH322-160M21	CHORI-322	2L	8529257	8548589
CH322-160M22	CHORI-322	3R	18359274	18378963
CH322-160M24	CHORI-322	3R	24360630	24378151
CH322-160N03	CHORI-322	3R	24497550	24520425
CH322-160N04	CHORI-322	3LHet	596452	616952
CH322-160N05	CHORI-322	3L	21512596	21532259
CH322-160N12	CHORI-322	2R	18690735	18715159
CH322-160N14	CHORI-322	2L	18420327	18442282
CH322-160N15	CHORI-322	3R	7110910	7131837
CH322-160N16	CHORI-322	X	2802815	2824545
CH322-160N17	CHORI-322	2R	6299781	6321599
CH322-160N18	CHORI-322	2L	3332513	3354961
CH322-160N19	CHORI-322	3L	3158510	3178735
CH322-160N20	CHORI-322	2L	18089932	18109444
CH322-160N22	CHORI-322	2R	11311315	11330388
CH322-160N23	CHORI-322	3L	16474812	16496993
CH322-160N24	CHORI-322	2L	15550037	15570243
CH322-160O07	CHORI-322	X	19536410	19557017
CH322-160O08	CHORI-322	2L	10594468	10616777
CH322-160O09	CHORI-322	3L	18206560	18225147
CH322-160O11	CHORI-322	X	21272309	21291629

CH322-160O14	CHORI-322	3R	22301466	22321342
CH322-160O17	CHORI-322	3L	10893226	10913077
CH322-160O20	CHORI-322	3R	12573853	12595478
CH322-160O21	CHORI-322	3L	2329346	2350982
CH322-160P07	CHORI-322	2R	5366439	5384254
CH322-160P08	CHORI-322	X	19026759	19047516
CH322-160P09	CHORI-322	3L	17054711	17074584
CH322-160P10	CHORI-322	3LHet	1135727	1155309
CH322-160P11	CHORI-322	2R	1943290	1965094
CH322-160P12	CHORI-322	X	21915211	21935704
CH322-160P18	CHORI-322	X	21538829	21557273
CH322-160P20	CHORI-322	3R	10802483	10821740
CH322-160P21	CHORI-322	X	16113588	16132675
CH322-161A01	CHORI-322	2RHet	1637466	1658881
CH322-161A02	CHORI-322	3L	6561443	6583870
CH322-161A05	CHORI-322	X	5641985	5661847
CH322-161A07	CHORI-322	2L	5478579	5497253
CH322-161A08	CHORI-322	3R	16067572	16087964
CH322-161A09	CHORI-322	X	17318355	17337344
CH322-161A10	CHORI-322	2L	15509490	15530534
CH322-161A11	CHORI-322	2RHet	672248	690715
CH322-161A15	CHORI-322	3R	15227745	15250591
CH322-161A16	CHORI-322	3L	22376541	22397042
CH322-161A17	CHORI-322	3L	18406828	18427321
CH322-161A19	CHORI-322	3R	26191510	26212058
CH322-161A22	CHORI-322	2R	17792212	17812423
CH322-161B01	CHORI-322	X	13581510	13602999
CH322-161B04	CHORI-322	2R	19814141	19834967
CH322-161B07	CHORI-322	2L	5274543	5294977
CH322-161B09	CHORI-322	2R	15229792	15248420
CH322-161B11	CHORI-322	3R	16017906	16036621
CH322-161B12	CHORI-322	2L	1551491	1572088
CH322-161B16	CHORI-322	3RHet	623504	643752
CH322-161B22	CHORI-322	3L	18819020	18838158
CH322-161B23	CHORI-322	3R	17052513	17071347
CH322-161C03	CHORI-322	3L	1697938	1716548
CH322-161C04	CHORI-322	2L	6153485	6171653
CH322-161C06	CHORI-322	3R	7060250	7082099
CH322-161C08	CHORI-322	3R	21981950	21999808
CH322-161C11	CHORI-322	3L	234507	253937
CH322-161C13	CHORI-322	2L	12679954	12699344
CH322-161C14	CHORI-322	2L	11784389	11801383
CH322-161C15	CHORI-322	3L	8698397	8718725
CH322-161C16	CHORI-322	X	5282255	5304194
CH322-161C19	CHORI-322	3L	8138997	8156973
CH322-161C20	CHORI-322	3R	17080567	17097519
CH322-161C21	CHORI-322	3L	20810001	20829789
CH322-161C22	CHORI-322	3L	18619438	18638334
CH322-161C23	CHORI-322	3R	10649873	10671828
CH322-161C24	CHORI-322	X	19967950	19988784
CH322-161D01	CHORI-322	3R	11825371	11845680
CH322-161D07	CHORI-322	3R	12863880	12885599
CH322-161D09	CHORI-322	2R	19661735	19680336
CH322-161D13	CHORI-322	2L	1386602	1405170

CH322-161D14	CHORI-322	X	20747284	20768342
CH322-161D15	CHORI-322	2R	12866632	12886957
CH322-161D16	CHORI-322	2R	12544783	12566610
CH322-161D18	CHORI-322	2RHet	918995	942107
CH322-161D19	CHORI-322	3R	13322936	13343968
CH322-161D20	CHORI-322	3L	1427622	1443809
CH322-161D24	CHORI-322	3R	26475552	26497482
CH322-161E01	CHORI-322	3L	11429317	11451149
CH322-161E09	CHORI-322	3R	24520116	24541433
CH322-161E10	CHORI-322	3LHet	2114159	2135261
CH322-161E11	CHORI-322	3R	1679476	1699274
CH322-161E12	CHORI-322	3L	14268102	14290159
CH322-161E18	CHORI-322	2R	6924390	6943932
CH322-161E20	CHORI-322	3L	20263249	20282924
CH322-161E21	CHORI-322	2L	17105657	17126047
CH322-161E22	CHORI-322	2L	12175144	12195085
CH322-161E23	CHORI-322	3L	11748620	11768820
CH322-161E24	CHORI-322	3L	20687622	20709904
CH322-161F10	CHORI-322	3L	3895176	3913956
CH322-161F20	CHORI-322	2R	16559271	16579783
CH322-161F22	CHORI-322	3R	13534091	13555075
CH322-161F24	CHORI-322	3L	8637460	8657743
CH322-161G01	CHORI-322	3L	8297911	8316994
CH322-161G02	CHORI-322	2R	5977286	5997231
CH322-161G03	CHORI-322	2L	12370563	12392730
CH322-161G04	CHORI-322	3L	15014166	15035450
CH322-161G05	CHORI-322	X	9838813	9860234
CH322-161G07	CHORI-322	X	5446678	5465979
CH322-161G08	CHORI-322	X	1964161	1985986
CH322-161G09	CHORI-322	2R	13092012	13115107
CH322-161G11	CHORI-322	3LHet	1372140	1392660
CH322-161G12	CHORI-322	4	196723	217554
CH322-161G13	CHORI-322	3R	3391978	3411021
CH322-161G14	CHORI-322	3L	23442889	23466506
CH322-161G16	CHORI-322	3R	8903749	8923497
CH322-161G19	CHORI-322	X	20137006	20159823
CH322-161G20	CHORI-322	3L	373067	395100
CH322-161G21	CHORI-322	3L	321547	341847
CH322-161G22	CHORI-322	2R	3305028	3325274
CH322-161G23	CHORI-322	X	11443009	11462057
CH322-161H01	CHORI-322	X	16450559	16469203
CH322-161H05	CHORI-322	X	21045447	21067112
CH322-161H07	CHORI-322	X	16246442	16264616
CH322-161H09	CHORI-322	2R	14660093	14678234
CH322-161H11	CHORI-322	X	3114160	3136539
CH322-161H12	CHORI-322	2R	16558792	16579783
CH322-161H15	CHORI-322	2L	15588557	15607965
CH322-161H16	CHORI-322	3R	4442901	4463837
CH322-161H17	CHORI-322	4	987866	1006244
CH322-161H18	CHORI-322	3R	759740	779666
CH322-161H20	CHORI-322	2R	3019285	3043344
CH322-161H21	CHORI-322	2R	11555917	11575933
CH322-161H22	CHORI-322	X	15053046	15072947
CH322-161H24	CHORI-322	2R	16046890	16066592

CH322-161I01	CHORI-322	2L	18573240	18594227
CH322-161I05	CHORI-322	3R	8230523	8251206
CH322-161I06	CHORI-322	2L	14361162	14380994
CH322-161I07	CHORI-322	3R	18527849	18548606
CH322-161I09	CHORI-322	2R	19153129	19173376
CH322-161I12	CHORI-322	X	485649	506572
CH322-161I13	CHORI-322	2L	19236626	19255444
CH322-161I14	CHORI-322	3L	10277452	10297121
CH322-161I17	CHORI-322	2L	17557244	17578189
CH322-161I20	CHORI-322	2R	9152882	9174418
CH322-161I23	CHORI-322	3L	17280006	17301313
CH322-161I24	CHORI-322	2L	22560467	22583591
CH322-161J01	CHORI-322	2R	15297251	15316816
CH322-161J06	CHORI-322	2R	17525669	17545965
CH322-161J11	CHORI-322	3R	12729638	12752836
CH322-161J13	CHORI-322	3R	13062605	13082323
CH322-161J15	CHORI-322	2L	10059101	10079676
CH322-161J16	CHORI-322	3LHet	154271	170818
CH322-161J17	CHORI-322	2R	5925077	5945447
CH322-161J18	CHORI-322	3L	7792979	7815604
CH322-161J19	CHORI-322	X	13645395	13663236
CH322-161J20	CHORI-322	2L	6859080	6880475
CH322-161J21	CHORI-322	3R	6751100	6769872
CH322-161J22	CHORI-322	2R	19916219	19935784
CH322-161J24	CHORI-322	2RHet	1302961	1319860
CH322-161K01	CHORI-322	3R	14327756	14348324
CH322-161K05	CHORI-322	X	1812145	1833855
CH322-161K06	CHORI-322	3L	1600452	1621366
CH322-161K13	CHORI-322	2L	15377938	15400084
CH322-161K15	CHORI-322	4	292784	312510
CH322-161K16	CHORI-322	3R	25583 44782	
CH322-161K17	CHORI-322	2LHet	146378	165417
CH322-161K18	CHORI-322	X	13819149	13838609
CH322-161K19	CHORI-322	X	9465416	9485775
CH322-161K20	CHORI-322	X	14570026	14590739
CH322-161K22	CHORI-322	2L	22662340	22682818
CH322-161K23	CHORI-322	2L	12288952	12309538
CH322-161K24	CHORI-322	2L	3337326	3355706
CH322-161L03	CHORI-322	X	13358747	13379277
CH322-161L05	CHORI-322	3R	1600961	1621561
CH322-161L07	CHORI-322	3R	25848479	25869422
CH322-161L11	CHORI-322	3R	25305037	25326349
CH322-161L15	CHORI-322	3R	23857945	23880145
CH322-161L16	CHORI-322	2R	11491831	11515626
CH322-161L19	CHORI-322	3L	21368752	21388457
CH322-161L20	CHORI-322	3L	11293000	11316366
CH322-161L22	CHORI-322	2R	12356052	12374216
CH322-161L23	CHORI-322	X	20313693	20332766
CH322-161M17	CHORI-322	3R	5258374	5279045
CH322-161M18	CHORI-322	2R	5305778	5330531
CH322-161M20	CHORI-322	2L	3493855	3513248
CH322-161M21	CHORI-322	3R	2619418	2640645
CH322-161M22	CHORI-322	3R	23477179	23498563
CH322-161M23	CHORI-322	3L	16026774	16046398

CH322-161M24	CHORI-322	2R	20575775	20595533
CH322-161N11	CHORI-322	2L	15508601	15528326
CH322-161N13	CHORI-322	3L	19924262	19945133
CH322-161N14	CHORI-322	3L	13401919	13424692
CH322-161N15	CHORI-322	2L	6299898	6318407
CH322-161N18	CHORI-322	3L	5162781	5181361
CH322-161N21	CHORI-322	2L	13868871	13887040
CH322-161N22	CHORI-322	3L	3365450	3386334
CH322-161N23	CHORI-322	X	4014944	4037174
CH322-161O01	CHORI-322	3L	5437563	5459264
CH322-161O02	CHORI-322	2R	13433017	13455941
CH322-161O05	CHORI-322	3L	5227418	5249425
CH322-161O07	CHORI-322	ArmU	250963	268716
CH322-161O14	CHORI-322	3R	6906983	6927363
CH322-161O15	CHORI-322	2L	12520750	12542171
CH322-161O17	CHORI-322	2R	3844433	3863249
CH322-161O18	CHORI-322	X	7978585	7999709
CH322-161O19	CHORI-322	2R	8483731	8504242
CH322-161O21	CHORI-322	2R	7085326	7106358
CH322-161O22	CHORI-322	3L	15397976	15417428
CH322-161O23	CHORI-322	3R	13433150	13454669
CH322-161O24	CHORI-322	3L	19561984	19584846
CH322-161P01	CHORI-322	2R	16203220	16223768
CH322-161P02	CHORI-322	2L	18359172	18379454
CH322-161P05	CHORI-322	3R	27455189	27477310
CH322-161P06	CHORI-322	2L	21857227	21877684
CH322-161P08	CHORI-322	3R	25608782	25630661
CH322-161P09	CHORI-322	3R	19729980	19750844
CH322-161P10	CHORI-322	3R	7361719	7379787
CH322-161P12	CHORI-322	3R	21429814	21448635
CH322-161P13	CHORI-322	2R	1188490	1208287
CH322-161P14	CHORI-322	3L	2789309	2808929
CH322-161P15	CHORI-322	2R	15586494	15607150
CH322-161P16	CHORI-322	3R	27559568	27582545
CH322-161P17	CHORI-322	3L	10110921	10133336
CH322-161P18	CHORI-322	3L	3154678	3177218
CH322-161P20	CHORI-322	3LHet	2464691	2485201
CH322-161P21	CHORI-322	4	860818	880116
CH322-161P22	CHORI-322	3R	17262458	17281816
CH322-161P23	CHORI-322	X	18107752	18128601
CH322-162A01	CHORI-322	3L	13316751	13338624
CH322-162A04	CHORI-322	3L	22886505	22907644
CH322-162A05	CHORI-322	3R	21745209	21765794
CH322-162A06	CHORI-322	3L	932468	952135
CH322-162A07	CHORI-322	2L	14462056	14483846
CH322-162A08	CHORI-322	3R	19638293	19660572
CH322-162A09	CHORI-322	X	5615702	5637883
CH322-162A10	CHORI-322	2L	489457	510350
CH322-162A11	CHORI-322	3R	17688545	17708884
CH322-162A14	CHORI-322	X	17840348	17862457
CH322-162A16	CHORI-322	3R	22217025	22236964
CH322-162A17	CHORI-322	3R	10559481	10579281
CH322-162A18	CHORI-322	3R	9559649	9581148
CH322-162A20	CHORI-322	X	14437307	14457639

CH322-162A24	CHORI-322	3R	18761360	18782943
CH322-162B01	CHORI-322	2L	11820638	11840217
CH322-162B03	CHORI-322	3R	1441110	1461377
CH322-162B05	CHORI-322	2L	20380296	20403418
CH322-162B06	CHORI-322	3L	20734372	20755026
CH322-162B08	CHORI-322	2R	9897015	9919674
CH322-162B09	CHORI-322	2L	20899417	20919952
CH322-162B10	CHORI-322	2R	8592112	8613380
CH322-162B11	CHORI-322	2R	9152854	9174123
CH322-162B13	CHORI-322	2L	1190587	1211574
CH322-162B14	CHORI-322	3L	21266032	21287656
CH322-162B16	CHORI-322	2L	1882950	1906440
CH322-162B18	CHORI-322	X	22130369	22151915
CH322-162B19	CHORI-322	3R	8229936	8251911
CH322-162B20	CHORI-322	2R	16422794	16445060
CH322-162B21	CHORI-322	3R	27013052	27035294
CH322-162B23	CHORI-322	2RHet	2902748	2922860
CH322-162C02	CHORI-322	3L	17602276	17620162
CH322-162C04	CHORI-322	2R	5330566	5353396
CH322-162C05	CHORI-322	3R	3406077	3428938
CH322-162C06	CHORI-322	3R	18118088	18137528
CH322-162C08	CHORI-322	3L	11700639	11723981
CH322-162C10	CHORI-322	2R	7281148	7300434
CH322-162C11	CHORI-322	2R	17448516	17468601
CH322-162C12	CHORI-322	3L	20420244	20442266
CH322-162C15	CHORI-322	2R	22906 44940	
CH322-162C16	CHORI-322	2L	17497741	17522210
CH322-162C18	CHORI-322	3R	5769628	5788954
CH322-162C19	CHORI-322	X	22272364	22295443
CH322-162C20	CHORI-322	2L	9851626	9871699
CH322-162C21	CHORI-322	3R	25286761	25307780
CH322-162C22	CHORI-322	3R	14317441	14337832
CH322-162C23	CHORI-322	3L	13957606	13979732
CH322-162C24	CHORI-322	3L	13258837	13277382
CH322-162D01	CHORI-322	2L	5989379	6008503
CH322-162D02	CHORI-322	3L	8530239	8549663
CH322-162D03	CHORI-322	3R	8666179	8686240
CH322-162D05	CHORI-322	3R	17577311	17598995
CH322-162D06	CHORI-322	3R	5770561	5789530
CH322-162D12	CHORI-322	2RHet	2988639	3011183
CH322-162D13	CHORI-322	3R	21884588	21903506
CH322-162D16	CHORI-322	3R	17572989	17593673
CH322-162D18	CHORI-322	3R	14754189	14773456
CH322-162D21	CHORI-322	3R	12326020	12349059
CH322-162D22	CHORI-322	3R	12786837	12807847
CH322-162D23	CHORI-322	2R	10069129	10092412
CH322-162E01	CHORI-322	X	18995836	19016308
CH322-162E03	CHORI-322	3L	22438373	22460057
CH322-162E04	CHORI-322	3R	12100057	12122506
CH322-162E06	CHORI-322	3R	21358815	21380791
CH322-162E08	CHORI-322	2L	20277497	20297132
CH322-162E10	CHORI-322	3L	3904312	3924502
CH322-162E11	CHORI-322	2L	10856210	10878951
CH322-162E12	CHORI-322	3L	18548432	18567757

CH322-162E13	CHORI-322	3R	4676041	4695907
CH322-162E14	CHORI-322	2R	19158401	19178918
CH322-162E15	CHORI-322	2L	8642384	8661088
CH322-162E16	CHORI-322	2L	12465357	12484705
CH322-162E18	CHORI-322	2R	1141754	1163803
CH322-162E19	CHORI-322	3L	143170	164145
CH322-162E20	CHORI-322	X	423363	444034
CH322-162E22	CHORI-322	2L	1241343	1261574
CH322-162F01	CHORI-322	2R	14125425	14145557
CH322-162F07	CHORI-322	3L	22442442	22465593
CH322-162F17	CHORI-322	2L	14233001	14253238
CH322-162F20	CHORI-322	2R	8947278	8968075
CH322-162F21	CHORI-322	X	17890908	17912105
CH322-162F22	CHORI-322	3R	21852818	21873561
CH322-162G02	CHORI-322	X	22357108	22377878
CH322-162G03	CHORI-322	X	3433296	3452441
CH322-162G05	CHORI-322	2L	21863700	21883797
CH322-162G07	CHORI-322	2R	12150687	12172348
CH322-162G08	CHORI-322	2RHet	1366796	1382454
CH322-162G09	CHORI-322	X	12387245	12404788
CH322-162G13	CHORI-322	2L	20799255	20817825
CH322-162G14	CHORI-322	3L	13879937	13899303
CH322-162G15	CHORI-322	3R	20525065	20547675
CH322-162G16	CHORI-322	3R	20575017	20594948
CH322-162G17	CHORI-322	3R	4844454	4865057
CH322-162G18	CHORI-322	3R	2663128	2683248
CH322-162G20	CHORI-322	3R	2483948	2501477
CH322-162G21	CHORI-322	X	2876790	2898165
CH322-162G22	CHORI-322	3R	27617150	27637789
CH322-162G23	CHORI-322	3R	10548249	10568981
CH322-162G24	CHORI-322	X	10529392	10549916
CH322-162H02	CHORI-322	3R	27864913	27884176
CH322-162H03	CHORI-322	2R	9285798	9305760
CH322-162H04	CHORI-322	3R	8402856	8424035
CH322-162H05	CHORI-322	X	9147688	9167756
CH322-162H07	CHORI-322	3L	22689402	22708438
CH322-162H08	CHORI-322	2R	17966150	17987377
CH322-162H11	CHORI-322	3R	9345990	9367342
CH322-162H12	CHORI-322	2R	15922998	15943150
CH322-162H15	CHORI-322	3L	9175865	9198905
CH322-162H16	CHORI-322	X	13677735	13696572
CH322-162H17	CHORI-322	3L	21468476	21489645
CH322-162H19	CHORI-322	3L	9642073	9664509
CH322-162H21	CHORI-322	3R	23600719	23623580
CH322-162I02	CHORI-322	3R	2705248	2728162
CH322-162I03	CHORI-322	2R	16467575	16489026
CH322-162I04	CHORI-322	2R	9192607	9211761
CH322-162I05	CHORI-322	3R	12984201	13003579
CH322-162I06	CHORI-322	3L	23767542	23786387
CH322-162I07	CHORI-322	2L	7462434	7485357
CH322-162I08	CHORI-322	X	5161118	5181261
CH322-162I09	CHORI-322	2L	19000208	19022850
CH322-162I11	CHORI-322	3L	12068928	12088537
CH322-162I12	CHORI-322	2L	15515182	15536120

CH322-162I13	CHORI-322	4	1277180	1299246
CH322-162I14	CHORI-322	2R	9174413	9194140
CH322-162I16	CHORI-322	3R	23094103	23111820
CH322-162I17	CHORI-322	3R	6720263	6742563
CH322-162I18	CHORI-322	3R	9258348	9277690
CH322-162I19	CHORI-322	X	11034636	11053054
CH322-162I20	CHORI-322	3L	16528492	16550297
CH322-162I21	CHORI-322	3R	9012336	9034784
CH322-162I22	CHORI-322	2R	9492748	9513343
CH322-162I23	CHORI-322	2L	17414685	17435369
CH322-162J02	CHORI-322	3R	25588567	25606577
CH322-162J04	CHORI-322	3L	18434602	18455847
CH322-162J07	CHORI-322	ArmU	2210029	2232394
CH322-162J08	CHORI-322	X	1679871	1699874
CH322-162J10	CHORI-322	3L	16711940	16732784
CH322-162J14	CHORI-322	3L	19537668	19560251
CH322-162J15	CHORI-322	2L	18546775	18569896
CH322-162J16	CHORI-322	2R	6203866	6224285
CH322-162J17	CHORI-322	2L	19466139	19487587
CH322-162J19	CHORI-322	3R	21187708	21206999
CH322-162J20	CHORI-322	2R	5226003	5246820
CH322-162J21	CHORI-322	3L	9400985	9420566
CH322-162J22	CHORI-322	2R	14568004	14587958
CH322-162J24	CHORI-322	2R	3054077	3074906
CH322-162K01	CHORI-322	2L	387878	408255
CH322-162K02	CHORI-322	3L	5648586	5669457
CH322-162K03	CHORI-322	3R	11625237	11645301
CH322-162K04	CHORI-322	3L	9473295	9495036
CH322-162K05	CHORI-322	3R	15606113	15625018
CH322-162K07	CHORI-322	3L	2658428	2681607
CH322-162K09	CHORI-322	3R	13515120	13536585
CH322-162K15	CHORI-322	2L	5147073	5169645
CH322-162K16	CHORI-322	2L	18702391	18726111
CH322-162K19	CHORI-322	3L	16877595	16896513
CH322-162K21	CHORI-322	3R	4212778	4234570
CH322-162K22	CHORI-322	X	14453223	14475130
CH322-162K24	CHORI-322	3R	8015370	8038284
CH322-162L01	CHORI-322	2L	6882668	6902996
CH322-162L03	CHORI-322	2L	17597437	17617993
CH322-162L05	CHORI-322	2R	4012731	4033995
CH322-162L06	CHORI-322	2R	5765044	5786908
CH322-162L08	CHORI-322	2L	877445	898988
CH322-162L10	CHORI-322	3L	22732199	22750816
CH322-162L11	CHORI-322	3R	9905694	9927741
CH322-162L12	CHORI-322	X	13871192	13892012
CH322-162L14	CHORI-322	3R	2564820	2584744
CH322-162L15	CHORI-322	3L	16004294	16024476
CH322-162L16	CHORI-322	X	2686385	2704016
CH322-162L19	CHORI-322	X	18331153	18346554
CH322-162L22	CHORI-322	3R	26413250	26431989
CH322-162L23	CHORI-322	3R	19450052	19469342
CH322-162M01	CHORI-322	3R	20316602	20337448
CH322-162M02	CHORI-322	2L	1924230	1945261
CH322-162M03	CHORI-322	3L	2640406	2660771

CH322-162M04	CHORI-322	2R	120023	139376
CH322-162M07	CHORI-322	2L	22942296	22963330
CH322-162M08	CHORI-322	2LHet	27140	49132
CH322-162M11	CHORI-322	2L	16658835	16677604
CH322-162M12	CHORI-322	X	16804516	16823879
CH322-162M13	CHORI-322	2R	16989670	17011980
CH322-162M16	CHORI-322	X	10392925	10411589
CH322-162M17	CHORI-322	2R	15378542	15399166
CH322-162M18	CHORI-322	X	17510624	17532448
CH322-162M24	CHORI-322	3L	18913204	18936171
CH322-162N01	CHORI-322	3L	7282623	7304241
CH322-162N04	CHORI-322	2R	6770922	6791970
CH322-162N07	CHORI-322	3R	26711672	26732874
CH322-162N09	CHORI-322	X	12688412	12707256
CH322-162N10	CHORI-322	2R	12521745	12542515
CH322-162N12	CHORI-322	X	16648542	16669183
CH322-162N13	CHORI-322	2R	17894340	17915631
CH322-162N15	CHORI-322	3L	5511945	5534910
CH322-162N17	CHORI-322	3R	5272893	5292425
CH322-162N21	CHORI-322	3R	392111	412349
CH322-162O01	CHORI-322	3R	27402606	27420921
CH322-162O02	CHORI-322	3L	2840002	2859969
CH322-162O03	CHORI-322	2R	20089503	20110529
CH322-162O04	CHORI-322	3R	23447071	23467447
CH322-162O05	CHORI-322	3R	19060598	19081538
CH322-162O08	CHORI-322	2L	2015790	2036258
CH322-162O09	CHORI-322	3L	11661227	11683722
CH322-162O10	CHORI-322	3L	10317851	10337110
CH322-162O14	CHORI-322	3L	22328133	22349564
CH322-162O16	CHORI-322	X	1773265	1796766
CH322-162O17	CHORI-322	3L	7895035	7914939
CH322-162O18	CHORI-322	3L	9601037	9622278
CH322-162O19	CHORI-322	2RHet	2179707	2203685
CH322-162O22	CHORI-322	2L	135768	155439
CH322-162O24	CHORI-322	2R	14939508	14959755
CH322-162P01	CHORI-322	3L	5459287	5481601
CH322-162P03	CHORI-322	3R	24243773	24266739
CH322-162P04	CHORI-322	3R	7522663	7543593
CH322-162P05	CHORI-322	2L	17184949	17206346
CH322-162P06	CHORI-322	2R	17449419	17471482
CH322-162P08	CHORI-322	2R	8840651	8864859
CH322-162P09	CHORI-322	3L	18148688	18171151
CH322-162P11	CHORI-322	2R	10487631	10508475
CH322-162P15	CHORI-322	2L	1561947	1582951
CH322-162P17	CHORI-322	2R	12072695	12094692
CH322-162P20	CHORI-322	X	9120558	9140475
CH322-162P21	CHORI-322	3R	26837862	26859126
CH322-162P22	CHORI-322	2L	6144486	6166133
CH322-163A03	CHORI-322	3L	8418045	8439560
CH322-163A07	CHORI-322	2R	12847056	12864863
CH322-163A10	CHORI-322	3L	13350795	13372111
CH322-163A21	CHORI-322	3R	25136875	25158367
CH322-163A22	CHORI-322	3L	17950718	17970371
CH322-163A23	CHORI-322	X	8299766	8318108

CH322-163B05	CHORI-322	3R	16063119	16082873
CH322-163B11	CHORI-322	3R	7807423	7831115
CH322-163C02	CHORI-322	3R	25458446	25478882
CH322-163C03	CHORI-322	3L	18193230	18212004
CH322-163C05	CHORI-322	3R	17510162	17531719
CH322-163C06	CHORI-322	2R	17600135	17620142
CH322-163C08	CHORI-322	3L	18684538	18707764
CH322-163C09	CHORI-322	2R	13281251	13303380
CH322-163C10	CHORI-322	2R	2764526	2784785
CH322-163C11	CHORI-322	X	20602285	20624977
CH322-163C15	CHORI-322	X	4025630	4044093
CH322-163D02	CHORI-322	2R	19717599	19737507
CH322-163D05	CHORI-322	2L	15429770	15451022
CH322-163D07	CHORI-322	2L	14029427	14050720
CH322-163D08	CHORI-322	3L	20952127	20972412
CH322-163D16	CHORI-322	3R	23573125	23593922
CH322-163E01	CHORI-322	3R	10911794	10933715
CH322-163E03	CHORI-322	2R	14163544	14185910
CH322-163E05	CHORI-322	2R	20198253	20217714
CH322-163E06	CHORI-322	3LHet	1252498	1272108
CH322-163E07	CHORI-322	3R	13612501	13632473
CH322-163E08	CHORI-322	X	5210047	5231800
CH322-163E09	CHORI-322	3L	21657265	21679044
CH322-163E11	CHORI-322	3R	12484611	12503930
CH322-163E17	CHORI-322	3R	12425396	12445701
CH322-163E18	CHORI-322	2L	13984071	14004331
CH322-163E19	CHORI-322	3R	18212203	18233371
CH322-163E20	CHORI-322	3L	19173236	19193808
CH322-163F02	CHORI-322	2R	2414308	2434661
CH322-163F03	CHORI-322	3R	8440443	8462319
CH322-163F04	CHORI-322	2R	963430	981758
CH322-163F05	CHORI-322	3L	7527538	7549203
CH322-163F09	CHORI-322	3L	4787534	4810758
CH322-163F10	CHORI-322	2R	17786701	17808102
CH322-163F15	CHORI-322	3R	21185324	21208606
CH322-163F17	CHORI-322	3R	10536680	10555718
CH322-163F19	CHORI-322	2R	15515506	15535153
CH322-163F20	CHORI-322	2L	12241061	12257400
CH322-163F24	CHORI-322	2R	13068598	13087182
CH322-163G01	CHORI-322	3L	14836027	14856028
CH322-163G02	CHORI-322	3R	5204377	5224761
CH322-163G03	CHORI-322	2L	7458260	7480872
CH322-163G04	CHORI-322	4	574104	593270
CH322-163G05	CHORI-322	X	2350312	2371098
CH322-163G06	CHORI-322	3L	18995154	19015499
CH322-163G08	CHORI-322	2R	16875392	16896675
CH322-163G10	CHORI-322	X	5251558	5273835
CH322-163G12	CHORI-322	2R	10514218	10534395
CH322-163G13	CHORI-322	3L	14387747	14407741
CH322-163G14	CHORI-322	2R	8982265	9003192
CH322-163G15	CHORI-322	2R	8339162	8360353
CH322-163G16	CHORI-322	3R	26903632	26926366
CH322-163G17	CHORI-322	2R	13532804	13552188
CH322-163G20	CHORI-322	3L	6908695	6931872

CH322-163G21	CHORI-322	2L	21711790	21734307
CH322-163H01	CHORI-322	3L	17261852	17284377
CH322-163H02	CHORI-322	2R	15132132	15149958
CH322-163H03	CHORI-322	3L	2894011	2912274
CH322-163H05	CHORI-322	2RHet	76021	97443
CH322-163H06	CHORI-322	3R	13247871	13267946
CH322-163H07	CHORI-322	2R	19216139	19237129
CH322-163H08	CHORI-322	2R	7027840	7048400
CH322-163H09	CHORI-322	3R	26817789	26837838
CH322-163H10	CHORI-322	3R	20340891	20362851
CH322-163H11	CHORI-322	2L	14301100	14322965
CH322-163H12	CHORI-322	X	945863	964280
CH322-163H13	CHORI-322	2RHet	2138501	2156856
CH322-163H15	CHORI-322	3R	26196189	26217242
CH322-163H17	CHORI-322	3L	20127607	20146852
CH322-163I01	CHORI-322	3L	23507206	23527671
CH322-163I02	CHORI-322	X	7891616	7912407
CH322-163I03	CHORI-322	3L	15033573	15053131
CH322-163I04	CHORI-322	3R	25238570	25258019
CH322-163I05	CHORI-322	3R	3266643	3288763
CH322-163I06	CHORI-322	3R	9443624	9464094
CH322-163I07	CHORI-322	3R	16618765	16642315
CH322-163I12	CHORI-322	2L	22198974	22220231
CH322-163I19	CHORI-322	2L	1014891	1036534
CH322-163I20	CHORI-322	2L	8631075	8649217
CH322-163I21	CHORI-322	2R	20653655	20677551
CH322-163I22	CHORI-322	3R	17770628	17790726
CH322-163J02	CHORI-322	ArmU	449157	468439
CH322-163J04	CHORI-322	3R	21107911	21127329
CH322-163J05	CHORI-322	2R	18242928	18263313
CH322-163J06	CHORI-322	3R	14488932	14508699
CH322-163J07	CHORI-322	3R	27820020	27840258
CH322-163J08	CHORI-322	X	3794126	3812959
CH322-163J11	CHORI-322	3R	13560168	13580969
CH322-163J17	CHORI-322	3R	13039299	13057884
CH322-163J21	CHORI-322	3R	26412269	26432688
CH322-163J22	CHORI-322	2R	13096177	13117149
CH322-163K03	CHORI-322	X	976785	997527
CH322-163K04	CHORI-322	3L	20591367	20611676
CH322-163K05	CHORI-322	3L	15495177	15516232
CH322-163K07	CHORI-322	3L	17335693	17357709
CH322-163K08	CHORI-322	3R	20943987	20961458
CH322-163K13	CHORI-322	3L	19636803	19656061
CH322-163K18	CHORI-322	2R	5567924	5586244
CH322-163K19	CHORI-322	3R	2953635	2973725
CH322-163K20	CHORI-322	2R	4551414	4573013
CH322-163L01	CHORI-322	3R	3405044	3429027
CH322-163L02	CHORI-322	3R	1951895	1971776
CH322-163L03	CHORI-322	X	1647636	1667186
CH322-163L04	CHORI-322	2L	12982543	13000764
CH322-163L05	CHORI-322	X	1761577	1783469
CH322-163L06	CHORI-322	3R	13999286	14021995
CH322-163L07	CHORI-322	3L	9703469	9724332
CH322-163L08	CHORI-322	2R	20339126	20361104

CH322-163L09	CHORI-322	2R	6806611	6827171
CH322-163L10	CHORI-322	3L	21211292	21229787
CH322-163L11	CHORI-322	X	12447330	12467817
CH322-163L13	CHORI-322	2L	14700335	14720932
CH322-163L16	CHORI-322	3R	14804999	14825186
CH322-163L18	CHORI-322	3L	11054208	11075253
CH322-163L19	CHORI-322	3L	16529625	16549577
CH322-163L20	CHORI-322	X	16461674	16481714
CH322-163M01	CHORI-322	3L	10477027	10497940
CH322-163M03	CHORI-322	X	21076281	21100677
CH322-163M04	CHORI-322	2R	9611779	9633548
CH322-163M06	CHORI-322	3R	7445105	7466909
CH322-163M07	CHORI-322	3R	20118904	20139179
CH322-163M09	CHORI-322	2R	2681009	2700418
CH322-163M10	CHORI-322	2L	16855802	16876570
CH322-163M12	CHORI-322	3L	17145580	17167584
CH322-163M13	CHORI-322	2R	14128388	14148094
CH322-163M19	CHORI-322	3L	22658432	22681956
CH322-163N02	CHORI-322	X	7990786	8013206
CH322-163N03	CHORI-322	2L	7774870	7798124
CH322-163N06	CHORI-322	X	3735385	3754801
CH322-163N09	CHORI-322	3L	10108939	10129961
CH322-163N20	CHORI-322	2L	14126397	14146935
CH322-163O01	CHORI-322	3R	15647884	15667141
CH322-163O02	CHORI-322	3R	26571562	26592325
CH322-163O03	CHORI-322	2R	16676863	16698476
CH322-163O04	CHORI-322	3R	13374170	13393190
CH322-163O05	CHORI-322	2R	2322118	2345361
CH322-163O06	CHORI-322	2L	11281090	11300726
CH322-163O07	CHORI-322	3R	13382432	13402657
CH322-163O08	CHORI-322	2L	5945572	5967542
CH322-163O09	CHORI-322	2L	2610638	2630376
CH322-163O10	CHORI-322	2R	18740997	18760910
CH322-163O11	CHORI-322	3R	8087279	8110696
CH322-163O12	CHORI-322	3L	10239923	10259706
CH322-163O14	CHORI-322	2R	15177448	15196823
CH322-163O15	CHORI-322	3R	22828142	22847534
CH322-163O16	CHORI-322	3R	23637954	23660544
CH322-163O18	CHORI-322	3L	10458380	10480343
CH322-163O19	CHORI-322	2L	918520	940274
CH322-163O20	CHORI-322	X	6326779	6347007
CH322-163O21	CHORI-322	2R	5257235	5276911
CH322-163O22	CHORI-322	3L	4296026	4317457
CH322-163O23	CHORI-322	2R	6416717	6433879
CH322-163O24	CHORI-322	3L	15787790	15807563
CH322-163P01	CHORI-322	3R	20894705	20914271
CH322-163P02	CHORI-322	3R	7265918	7285661
CH322-163P03	CHORI-322	X	10197500	10217658
CH322-163P05	CHORI-322	3R	9823058	9841920
CH322-163P07	CHORI-322	3L	15755790	15775692
CH322-163P08	CHORI-322	2R	8007598	8027127
CH322-163P10	CHORI-322	2L	15518900	15540600
CH322-163P11	CHORI-322	3R	25287763	25307844
CH322-163P14	CHORI-322	X	8705200	8726056

CH322-163P15	CHORI-322	3L	10458877	10478659
CH322-163P17	CHORI-322	3R	27079148	27099300
CH322-163P18	CHORI-322	3L	6609462	6633589
CH322-163P19	CHORI-322	2L	2623824	2647576
CH322-163P20	CHORI-322	3L	1647718	1670716
CH322-163P24	CHORI-322	3L	13225228	13246269
CH322-164A01	CHORI-322	X	5301106	5322908
CH322-164A03	CHORI-322	3R	23740115	23759995
CH322-164A04	CHORI-322	3R	12494954	12517412
CH322-164A06	CHORI-322	3RHet	1885473	1907785
CH322-164A07	CHORI-322	3R	17310542	17330046
CH322-164A08	CHORI-322	3L	21609921	21629396
CH322-164A10	CHORI-322	XHet	7120	25489
CH322-164A11	CHORI-322	2L	913933	934368
CH322-164A12	CHORI-322	3L	5714193	5735313
CH322-164A13	CHORI-322	3R	14751965	14775641
CH322-164A14	CHORI-322	3R	16379893	16397804
CH322-164A17	CHORI-322	3R	4011729	4034323
CH322-164A18	CHORI-322	3R	17834952	17852887
CH322-164A19	CHORI-322	2L	22318435	22338616
CH322-164A20	CHORI-322	3R	15915099	15937592
CH322-164A21	CHORI-322	2R	17991920	18012349
CH322-164A22	CHORI-322	2L	11375172	11395360
CH322-164A23	CHORI-322	2R	16527305	16547254
CH322-164A24	CHORI-322	3R	19066647	19087324
CH322-164B01	CHORI-322	2L	15516702	15536377
CH322-164B03	CHORI-322	3L	16791589	16812204
CH322-164B04	CHORI-322	2R	4725771	4749073
CH322-164B05	CHORI-322	2R	12856938	12877247
CH322-164B06	CHORI-322	2L	5929716	5950003
CH322-164B07	CHORI-322	3L	621960	643704
CH322-164B09	CHORI-322	3L	13995193	14017923
CH322-164B10	CHORI-322	X	10988284	11010671
CH322-164B11	CHORI-322	X	20981064	21002651
CH322-164B12	CHORI-322	3R	16485575	16506088
CH322-164B13	CHORI-322	2L	3953190	3973272
CH322-164B14	CHORI-322	2R	15073726	15091920
CH322-164B22	CHORI-322	3R	14563687	14582497
CH322-164B23	CHORI-322	3R	4297642	4320395
CH322-164B24	CHORI-322	2R	12678312	12696974
CH322-164C01	CHORI-322	3R	21745196	21765794
CH322-164C02	CHORI-322	3R	20682618	20699072
CH322-164C03	CHORI-322	2L	10020660	10043023
CH322-164C04	CHORI-322	3L	21786279	21807444
CH322-164C05	CHORI-322	X	12283510	12301499
CH322-164C06	CHORI-322	2L	11124417	11146387
CH322-164C08	CHORI-322	2L	12310738	12331985
CH322-164C09	CHORI-322	3R	18405116	18425398
CH322-164C12	CHORI-322	3R	13413863	13435655
CH322-164C13	CHORI-322	3L	18148174	18169381
CH322-164C14	CHORI-322	2R	13409496	13430835
CH322-164C15	CHORI-322	3R	20801789	20822813
CH322-164C17	CHORI-322	2L	19682291	19701856
CH322-164C18	CHORI-322	3R	12958778	12980226

CH322-164C19	CHORI-322	2L	20958686	20979429
CH322-164C21	CHORI-322	3L	7752412	7773068
CH322-164C22	CHORI-322	4	355577	374368
CH322-164C24	CHORI-322	3L	13304657	13325557
CH322-164D01	CHORI-322	2R	21124364	21143603
CH322-164D02	CHORI-322	2L	3014455	3037839
CH322-164D03	CHORI-322	2L	463253	485013
CH322-164D04	CHORI-322	2RHet	450411	470619
CH322-164D06	CHORI-322	3R	10724451	10744650
CH322-164D08	CHORI-322	3L	19587259	19607327
CH322-164D10	CHORI-322	X	20215375	20238721
CH322-164D11	CHORI-322	X	14260759	14282356
CH322-164D12	CHORI-322	3R	8024633	8044383
CH322-164D13	CHORI-322	2R	6753842	6775978
CH322-164D14	CHORI-322	3R	18386707	18408572
CH322-164D17	CHORI-322	3L	21151650	21175117
CH322-164D19	CHORI-322	3L	21436709	21455806
CH322-164D21	CHORI-322	3R	9584837	9607283
CH322-164D22	CHORI-322	3L	16630047	16649084
CH322-164D23	CHORI-322	3R	22666900	22687702
CH322-164E03	CHORI-322	3R	2672247	2693050
CH322-164E05	CHORI-322	2R	10438774	10458631
CH322-164E06	CHORI-322	2L	21848612	21870015
CH322-164E09	CHORI-322	3L	11639828	11661209
CH322-164E10	CHORI-322	2R	3023259	3045717
CH322-164E14	CHORI-322	3R	8835466	8858022
CH322-164E16	CHORI-322	2R	2391670	2413377
CH322-164E18	CHORI-322	3L	22467542	22489545
CH322-164E21	CHORI-322	2RHet	392590	412701
CH322-164E23	CHORI-322	3L	2417816	2439737
CH322-164E24	CHORI-322	3R	23603622	23624456
CH322-164F01	CHORI-322	3L	19631005	19651005
CH322-164F02	CHORI-322	2RHet	1120413	1140743
CH322-164F04	CHORI-322	X	3668501	3688460
CH322-164F05	CHORI-322	3L	7113425	7137064
CH322-164F07	CHORI-322	ArmU	2409746	2429435
CH322-164F09	CHORI-322	3R	21747079	21766568
CH322-164F11	CHORI-322	3R	9535171	9555079
CH322-164F13	CHORI-322	2L	11026753	11051345
CH322-164F14	CHORI-322	2R	1788024	1809564
CH322-164F16	CHORI-322	2RHet	1275670	1295895
CH322-164F17	CHORI-322	3R	14884807	14906263
CH322-164F18	CHORI-322	3R	5934458	5954640
CH322-164F19	CHORI-322	3L	16988756	17010573
CH322-164F20	CHORI-322	2L	10251431	10271690
CH322-164F21	CHORI-322	3L	22757047	22777979
CH322-164F22	CHORI-322	3L	7607282	7630401
CH322-164F24	CHORI-322	X	6703001	6724130
CH322-164G01	CHORI-322	3R	10374675	10394171
CH322-164G05	CHORI-322	3R	15547869	15567914
CH322-164G06	CHORI-322	2L	19545836	19567772
CH322-164G08	CHORI-322	X	1903280	1924257
CH322-164G11	CHORI-322	3R	21193553	21213801
CH322-164G16	CHORI-322	3R	2901746	2921836

CH322-164G17	CHORI-322	2L	16669187	16688363
CH322-164G18	CHORI-322	3R	12423373	12444689
CH322-164G20	CHORI-322	3R	10403526	10424334
CH322-164G22	CHORI-322	3R	441366	460581
CH322-164G24	CHORI-322	4	756919	778939
CH322-164H01	CHORI-322	2L	20032416	20051707
CH322-164H02	CHORI-322	2L	8336958	8357482
CH322-164H03	CHORI-322	3L	21832246	21852857
CH322-164H04	CHORI-322	X	18547706	18568014
CH322-164H05	CHORI-322	3R	14533002	14554561
CH322-164H06	CHORI-322	3R	212501	234645
CH322-164H07	CHORI-322	X	21431485	21452760
CH322-164H09	CHORI-322	2R	17122097	17143330
CH322-164H10	CHORI-322	2R	7438563	7458224
CH322-164H15	CHORI-322	4	457217	478799
CH322-164H19	CHORI-322	3L	2322609	2342455
CH322-164H20	CHORI-322	2R	10535103	10557094
CH322-164H21	CHORI-322	X	17325813	17346085
CH322-164H22	CHORI-322	3L	8181116	8203111
CH322-164H23	CHORI-322	2R	7491896	7512851
CH322-164H24	CHORI-322	X	19515211	19539099
CH322-164I01	CHORI-322	3L	10595724	10616681
CH322-164I03	CHORI-322	2L	3229256	3248440
CH322-164I04	CHORI-322	X	13745995	13767609
CH322-164I05	CHORI-322	2R	9191624	9212559
CH322-164I06	CHORI-322	3R	3375046	3394742
CH322-164I08	CHORI-322	3R	8404149	8424905
CH322-164I12	CHORI-322	2R	2745829	2765529
CH322-164I14	CHORI-322	3R	13518286	13542262
CH322-164I16	CHORI-322	3L	2875906	2898395
CH322-164I20	CHORI-322	2R	16155335	16175717
CH322-164I22	CHORI-322	3R	24017101	24037847
CH322-164I23	CHORI-322	3L	5692137	5713472
CH322-164I24	CHORI-322	X	5176002	5197989
CH322-164J01	CHORI-322	3R	2776774	2797891
CH322-164J03	CHORI-322	2L	2950651	2973616
CH322-164J04	CHORI-322	2RHet	669790	692463
CH322-164J05	CHORI-322	2L	1830635	1852939
CH322-164J08	CHORI-322	3L	11247615	11267112
CH322-164J10	CHORI-322	3L	17736833	17755311
CH322-164J13	CHORI-322	2R	3044858	3069422
CH322-164J14	CHORI-322	2L	3437078	3458007
CH322-164J17	CHORI-322	2R	17847552	17867924
CH322-164J19	CHORI-322	2R	19174014	19193016
CH322-164J21	CHORI-322	3R	27264833	27284988
CH322-164J22	CHORI-322	2L	8899137	8917881
CH322-164J23	CHORI-322	2R	6637830	6660512
CH322-164J24	CHORI-322	2L	14557460	14578607
CH322-164K01	CHORI-322	3L	20737636	20760943
CH322-164K02	CHORI-322	2L	18901917	18923369
CH322-164K07	CHORI-322	2L	5387216	5408041
CH322-164K13	CHORI-322	2R	13534140	13557205
CH322-164K16	CHORI-322	2R	6040927	6063345
CH322-164K20	CHORI-322	3R	7180315	7203845

CH322-164K21	CHORI-322	2L	20942722	20963061
CH322-164K23	CHORI-322	X	20176259	20199316
CH322-164K24	CHORI-322	3R	833312	854345
CH322-164L01	CHORI-322	3L	7985780	8005428
CH322-164L02	CHORI-322	X	13293461	13316047
CH322-164L04	CHORI-322	X	12000268	12017815
CH322-164L06	CHORI-322	3L	7487983	7508680
CH322-164L07	CHORI-322	3R	21480586	21503427
CH322-164L08	CHORI-322	3R	14645798	14665606
CH322-164L10	CHORI-322	2L	6845113	6867985
CH322-164L11	CHORI-322	3L	11613173	11633545
CH322-164L15	CHORI-322	3LHet	2255434	2277288
CH322-164L16	CHORI-322	2L	14706060	14725275
CH322-164L18	CHORI-322	3R	11078930	11099255
CH322-164L19	CHORI-322	2L	10889684	10910133
CH322-164L20	CHORI-322	2L	9743170	9763057
CH322-164L21	CHORI-322	2R	9226836	9246151
CH322-164L22	CHORI-322	3L	5388738	5406803
CH322-164L23	CHORI-322	3R	2728617	2747264
CH322-164L24	CHORI-322	3RHet	2163188	2183768
CH322-164M01	CHORI-322	3R	7970259	7988633
CH322-164M02	CHORI-322	3L	4082469	4101244
CH322-164M03	CHORI-322	3R	14583212	14604544
CH322-164M04	CHORI-322	3L	1201503	1221603
CH322-164M05	CHORI-322	2L	3730239	3753512
CH322-164M06	CHORI-322	3R	20481111	20502592
CH322-164M07	CHORI-322	3L	15898909	15918778
CH322-164M08	CHORI-322	3R	24835239	24854851
CH322-164M09	CHORI-322	2L	3230884	3254390
CH322-164M10	CHORI-322	3R	15508489	15530751
CH322-164M12	CHORI-322	3L	2810211	2831468
CH322-164M14	CHORI-322	X	674538	694707
CH322-164M16	CHORI-322	2R	9877784	9897344
CH322-164M17	CHORI-322	3R	17147734	17166404
CH322-164M19	CHORI-322	3R	23015819	23036356
CH322-164M20	CHORI-322	3L	5937309	5957471
CH322-164M22	CHORI-322	3L	13995193	14017999
CH322-164M23	CHORI-322	3R	22888090	22910024
CH322-164M24	CHORI-322	3L	1250392	1272619
CH322-164N01	CHORI-322	3R	10841603	10861533
CH322-164N02	CHORI-322	2L	22821232	22840316
CH322-164N03	CHORI-322	3R	23391011	23412351
CH322-164N06	CHORI-322	3R	26988566	27010251
CH322-164N07	CHORI-322	3R	11316619	11340716
CH322-164N09	CHORI-322	X	6195089	6215979
CH322-164N10	CHORI-322	3L	19552362	19572616
CH322-164N11	CHORI-322	2L	9871696	9891226
CH322-164N13	CHORI-322	2L	11414915	11436488
CH322-164N15	CHORI-322	3L	18409637	18430290
CH322-164N20	CHORI-322	3R	24788934	24810872
CH322-164N21	CHORI-322	3L	11578741	11600904
CH322-164N23	CHORI-322	X	19605238	19627357
CH322-164O01	CHORI-322	X	17133918	17153972
CH322-164O02	CHORI-322	3R	9137853	9159819

CH322-164O03	CHORI-322	2R	1866318	1886521
CH322-164O04	CHORI-322	2L	7140997	7163304
CH322-164O05	CHORI-322	2L	19147370	19170800
CH322-164O06	CHORI-322	3R	5736335	5756491
CH322-164O07	CHORI-322	3R	27353407	27373167
CH322-164O08	CHORI-322	3L	9412148	9434458
CH322-164O09	CHORI-322	3L	23018561	23040613
CH322-164O10	CHORI-322	3R	25547628	25566875
CH322-164O11	CHORI-322	2L	19735819	19757812
CH322-164O12	CHORI-322	2L	8484356	8505646
CH322-164O13	CHORI-322	2R	5499630	5523468
CH322-164O15	CHORI-322	X	14334697	14353656
CH322-164O16	CHORI-322	3L	20163540	20182094
CH322-164O17	CHORI-322	2L	16980824	17001892
CH322-164O18	CHORI-322	3L	5937309	5957431
CH322-164O20	CHORI-322	2L	9175821	9198701
CH322-164O21	CHORI-322	3R	18252399	18271837
CH322-164P01	CHORI-322	2R	19491542	19511616
CH322-164P02	CHORI-322	3L	16372784	16391315
CH322-164P03	CHORI-322	3L	13455015	13474663
CH322-164P04	CHORI-322	3R	2485019	2504672
CH322-164P05	CHORI-322	3L	3371575	3391396
CH322-164P06	CHORI-322	3R	22424430	22443445
CH322-164P08	CHORI-322	3R	6643311	6662876
CH322-164P09	CHORI-322	2L	11299049	11323637
CH322-164P11	CHORI-322	3L	21400757	21421251
CH322-164P12	CHORI-322	2R	10149405	10166124
CH322-164P13	CHORI-322	2L	15324798	15346200
CH322-164P14	CHORI-322	3R	10441538	10463220
CH322-164P16	CHORI-322	3L	3337647	3357515
CH322-164P17	CHORI-322	2L	2213530	2232261
CH322-164P18	CHORI-322	3R	18383610	18403223
CH322-164P19	CHORI-322	2R	6388513	6408723
CH322-164P21	CHORI-322	3R	12326612	12346163
CH322-164P22	CHORI-322	2R	13053713	13075159
CH322-165A07	CHORI-322	3R	16859502	16879247
CH322-165A15	CHORI-322	3R	20448035	20468389
CH322-165C02	CHORI-322	X	2496840	2516290
CH322-165C09	CHORI-322	X	10215938	10236280
CH322-165C11	CHORI-322	X	18208765	18229210
CH322-165C14	CHORI-322	2L	5803599	5823472
CH322-165C16	CHORI-322	3R	27279845	27302488
CH322-165C18	CHORI-322	2R	18023415	18043374
CH322-165D02	CHORI-322	X	7580925	7603102
CH322-165D10	CHORI-322	3R	4236902	4260480
CH322-165D12	CHORI-322	2L	20756862	20778745
CH322-165D13	CHORI-322	3R	4581427	4602660
CH322-165D14	CHORI-322	X	10292346	10312260
CH322-165D15	CHORI-322	X	2909367	2927990
CH322-165D18	CHORI-322	2R	12300608	12322409
CH322-165E03	CHORI-322	2R	17895793	17915631
CH322-165E13	CHORI-322	3L	17168041	17189708
CH322-165E14	CHORI-322	2L	14958934	14976138
CH322-165E16	CHORI-322	3R	6091065	6110145

CH322-165E17	CHORI-322	3R	2838666	2858321
CH322-165F04	CHORI-322	X	16719290	16740900
CH322-165F14	CHORI-322	3R	21597380	21617374
CH322-165F18	CHORI-322	3L	5617444	5638495
CH322-165F20	CHORI-322	2R	3049845	3072126
CH322-165G02	CHORI-322	3R	26926352	26949868
CH322-165G03	CHORI-322	2R	20185247	20206826
CH322-165G05	CHORI-322	3L	13062440	13083988
CH322-165G08	CHORI-322	2R	8733902	8753901
CH322-165G11	CHORI-322	3L	14098016	14118328
CH322-165G14	CHORI-322	2R	1943290	1965094
CH322-165G16	CHORI-322	3L	25201 46011	
CH322-165G17	CHORI-322	2L	18667775	18686484
CH322-165G19	CHORI-322	2R	11981584	12000369
CH322-165H05	CHORI-322	2L	3385578	3405082
CH322-165H12	CHORI-322	2L	18977509	18999902
CH322-165H14	CHORI-322	2L	6382399	6403432
CH322-165H16	CHORI-322	X	21403345	21425582
CH322-165H20	CHORI-322	3R	23318888	23342628
CH322-165H22	CHORI-322	X	1375392	1397821
CH322-165I05	CHORI-322	X	21403349	21425495
CH322-165I06	CHORI-322	X	13122909	13141530
CH322-165I07	CHORI-322	2R	9644184	9666883
CH322-165I08	CHORI-322	2L	7685480	7708138
CH322-165I11	CHORI-322	2R	14186661	14205367
CH322-165I12	CHORI-322	3L	6578374	6598862
CH322-165I14	CHORI-322	2L	2734978	2756286
CH322-165I15	CHORI-322	3L	17691892	17711449
CH322-165I23	CHORI-322	2R	11937069	11958943
CH322-165J02	CHORI-322	3R	14328532	14351391
CH322-165J03	CHORI-322	2R	20057839	20080988
CH322-165J04	CHORI-322	3R	3489048	3512634
CH322-165J05	CHORI-322	2R	16621164	16640488
CH322-165J06	CHORI-322	3R	11105961	11125610
CH322-165J07	CHORI-322	3L	9156640	9180424
CH322-165J09	CHORI-322	3R	15550661	15569770
CH322-165J15	CHORI-322	3R	19668146	19687809
CH322-165J16	CHORI-322	2L	11969879	11991785
CH322-165J17	CHORI-322	2R	6020959	6043020
CH322-165J20	CHORI-322	X	6554810	6574447
CH322-165J22	CHORI-322	X	1693191	1713869
CH322-165K01	CHORI-322	3L	21083749	21103235
CH322-165K02	CHORI-322	2R	2199794	2219561
CH322-165K13	CHORI-322	X	5432873	5450901
CH322-165K16	CHORI-322	2R	8518888	8539036
CH322-165K18	CHORI-322	3R	1411950	1431380
CH322-165K22	CHORI-322	3R	2233365	2255028
CH322-165K24	CHORI-322	2R	1621059	1641988
CH322-165L02	CHORI-322	2L	17157281	17177869
CH322-165L04	CHORI-322	3L	3312214	3333619
CH322-165L12	CHORI-322	3L	14781662	14800655
CH322-165L14	CHORI-322	3L	12393319	12413344
CH322-165L15	CHORI-322	2R	19327977	19351228
CH322-165L16	CHORI-322	3L	12545860	12565506

CH322-165L17	CHORI-322	3R	3127087	3148602
CH322-165M06	CHORI-322	3R	19263241	19283885
CH322-165M22	CHORI-322	2R	11909360	11930391
CH322-165N04	CHORI-322	2L	12509488	12532035
CH322-165O01	CHORI-322	X	8550540	8572592
CH322-165O02	CHORI-322	X	22129492	22150093
CH322-165O05	CHORI-322	3R	25287762	25307294
CH322-165O07	CHORI-322	2L	19836430	19856995
CH322-165O08	CHORI-322	3R	3589612	3612334
CH322-166A01	CHORI-322	2R	6789965	6814007
CH322-166A05	CHORI-322	3R	16759431	16781274
CH322-166A07	CHORI-322	2R	15436524	15453929
CH322-166A08	CHORI-322	2R	605931	625277
CH322-166A10	CHORI-322	X	17939985	17962956
CH322-166A11	CHORI-322	3L	20458460	20479042
CH322-166A13	CHORI-322	3R	5211209	5231895
CH322-166A14	CHORI-322	2R	7434570	7455865
CH322-166A15	CHORI-322	3L	24098311	24117725
CH322-166A16	CHORI-322	2R	15389558	15411220
CH322-166A19	CHORI-322	2L	22532888	22554895
CH322-166A20	CHORI-322	2R	19654772	19674723
CH322-166A21	CHORI-322	2L	13687280	13708706
CH322-166A22	CHORI-322	3R	6744677	6764707
CH322-166A23	CHORI-322	3R	380238	402414
CH322-166A24	CHORI-322	3L	7964184	7985183
CH322-166B01	CHORI-322	3R	7538311	7558435
CH322-166B02	CHORI-322	3L	4515895	4537408
CH322-166B05	CHORI-322	3R	26987466	27008220
CH322-166B07	CHORI-322	2R	10008359	10030114
CH322-166B08	CHORI-322	3L	9788203	9809727
CH322-166B11	CHORI-322	3R	4415840	4437413
CH322-166B13	CHORI-322	3R	5739248	5760593
CH322-166B14	CHORI-322	2R	11566168	11587394
CH322-166B15	CHORI-322	2L	8524274	8544285
CH322-166B16	CHORI-322	3R	8701354	8723189
CH322-166B24	CHORI-322	3R	15874245	15894384
CH322-166C01	CHORI-322	3R	25931426	25951139
CH322-166C03	CHORI-322	X	470371	489807
CH322-166C04	CHORI-322	3L	18130912	18154601
CH322-166C05	CHORI-322	2RHet	737061	758495
CH322-166C06	CHORI-322	3R	11436294	11457535
CH322-166C11	CHORI-322	3L	14697734	14718065
CH322-166C12	CHORI-322	2L	4990509	5014213
CH322-166C13	CHORI-322	2L	16410607	16431962
CH322-166C14	CHORI-322	2R	7739002	7758341
CH322-166C15	CHORI-322	3R	17527095	17548473
CH322-166C16	CHORI-322	3L	9861919	9881164
CH322-166C17	CHORI-322	2R	13104649	13125699
CH322-166C18	CHORI-322	2L	599607	620199
CH322-166C19	CHORI-322	2L	18453811	18472671
CH322-166C20	CHORI-322	3R	26433271	26455679
CH322-166C21	CHORI-322	X	1590793	1611119
CH322-166C22	CHORI-322	2R	6241759	6264256
CH322-166C23	CHORI-322	2R	13858095	13877225

CH322-166C24	CHORI-322	2L	3898133	3918055
CH322-166D01	CHORI-322	3L	10842366	10861630
CH322-166D07	CHORI-322	3R	14702734	14725128
CH322-166D08	CHORI-322	2R	2861730	2882412
CH322-166D09	CHORI-322	3R	12714465	12736496
CH322-166D10	CHORI-322	3R	18474404	18492662
CH322-166D11	CHORI-322	3R	870836	889725
CH322-166D15	CHORI-322	3R	11512846	11532332
CH322-166D18	CHORI-322	2R	3663551	3685840
CH322-166D19	CHORI-322	2R	20730999	20751228
CH322-166D20	CHORI-322	2L	1478617	1499637
CH322-166D21	CHORI-322	3L	6929940	6952074
CH322-166D22	CHORI-322	3L	4757379	4776227
CH322-166D23	CHORI-322	3R	6763560	6785024
CH322-166D24	CHORI-322	2R	4212728	4232942
CH322-166E03	CHORI-322	3LHet	154275	170770
CH322-166E04	CHORI-322	3L	12241993	12261029
CH322-166E07	CHORI-322	2L	16748998	16769480
CH322-166E10	CHORI-322	3L	16957484	16976854
CH322-166E11	CHORI-322	2R	18968904	18990054
CH322-166E13	CHORI-322	2R	18651602	18672373
CH322-166E18	CHORI-322	2L	4568545	4589871
CH322-166E20	CHORI-322	2R	5259789	5280936
CH322-166E22	CHORI-322	3L	13320513	13337585
CH322-166E23	CHORI-322	X	16348296	16368639
CH322-166F03	CHORI-322	2L	4852662	4873687
CH322-166F05	CHORI-322	3R	14952229	14975355
CH322-166F07	CHORI-322	2L	21167444	21186424
CH322-166F09	CHORI-322	3R	4950432	4972047
CH322-166F13	CHORI-322	3R	16616734	16636777
CH322-166F14	CHORI-322	X	14585434	14606975
CH322-166F15	CHORI-322	2R	14146951	14167606
CH322-166F16	CHORI-322	3L	14567705	14588188
CH322-166F17	CHORI-322	2R	4371162	4392325
CH322-166F18	CHORI-322	3R	24006518	24029159
CH322-166F21	CHORI-322	3L	13869643	13889669
CH322-166F22	CHORI-322	2R	6557241	6576286
CH322-166F23	CHORI-322	3R	15862232	15884083
CH322-166F24	CHORI-322	3L	857308	880637
CH322-166G01	CHORI-322	2L	9261564	9283909
CH322-166G03	CHORI-322	3R	24360464	24378151
CH322-166G04	CHORI-322	2L	17770829	17792322
CH322-166G07	CHORI-322	3R	19653184	19674069
CH322-166G08	CHORI-322	2L	218334	239016
CH322-166G09	CHORI-322	2R	12787738	12808979
CH322-166G11	CHORI-322	3R	6514868	6536226
CH322-166G12	CHORI-322	3R	18901041	18921957
CH322-166G14	CHORI-322	3LHet	1148696	1169250
CH322-166G15	CHORI-322	3R	21483447	21502694
CH322-166G16	CHORI-322	3L	24092831	24114000
CH322-166G17	CHORI-322	2R	3185220	3209842
CH322-166G18	CHORI-322	3RHet	620680	639746
CH322-166G19	CHORI-322	3R	7757204	7779195
CH322-166G20	CHORI-322	3R	25824060	25847311

CH322-166G21	CHORI-322	2L	13502713	13522369
CH322-166G22	CHORI-322	2R	10141802	10161410
CH322-166G23	CHORI-322	3L	10201077	10220780
CH322-166G24	CHORI-322	2R	18149238	18171428
CH322-166H07	CHORI-322	2R	3560352	3583646
CH322-166H11	CHORI-322	3R	19574702	19594597
CH322-166H12	CHORI-322	3L	18570062	18589589
CH322-166H15	CHORI-322	2R	18816842	18837194
CH322-166H16	CHORI-322	2L	16250793	16272635
CH322-166H18	CHORI-322	X	7091672	7111362
CH322-166H19	CHORI-322	2R	6555896	6577024
CH322-166H20	CHORI-322	3L	7558658	7580112
CH322-166H21	CHORI-322	3L	7245762	7265529
CH322-166H22	CHORI-322	3R	22640736	22661552
CH322-166H24	CHORI-322	X	20245023	20266117
CH322-166I03	CHORI-322	3L	21311174	21330685
CH322-166I05	CHORI-322	3L	11194987	11213070
CH322-166I07	CHORI-322	2R	20627200	20650371
CH322-166I08	CHORI-322	2L	6048314	6067959
CH322-166I11	CHORI-322	2L	10027469	10052134
CH322-166I14	CHORI-322	3R	13064534	13084638
CH322-166I15	CHORI-322	2L	10745026	10766612
CH322-166I19	CHORI-322	X	4698882	4720274
CH322-166I20	CHORI-322	2RHet	478418	498893
CH322-166I21	CHORI-322	2RHet	478418	498893
CH322-166I22	CHORI-322	X	3094598	3111659
CH322-166I23	CHORI-322	2R	18886326	18907494
CH322-166J03	CHORI-322	3R	450629	469492
CH322-166J04	CHORI-322	3L	4221332	4241589
CH322-166J06	CHORI-322	X	11078496	11100687
CH322-166J07	CHORI-322	3L	19918447	19940742
CH322-166J08	CHORI-322	3L	17964880	17984268
CH322-166J14	CHORI-322	2R	1564183	1582325
CH322-166J16	CHORI-322	2L	11753119	11776814
CH322-166J18	CHORI-322	X	11207904	11229499
CH322-166J19	CHORI-322	2L	22542740	22564007
CH322-166J20	CHORI-322	X	21877557	21898348
CH322-166J21	CHORI-322	2L	11207313	11228993
CH322-166J22	CHORI-322	3R	3881650	3901913
CH322-166J24	CHORI-322	2L	7830845	7853067
CH322-166K01	CHORI-322	3R	2454582	2476882
CH322-166K02	CHORI-322	3L	7405027	7425991
CH322-166K05	CHORI-322	2L	18167956	18189382
CH322-166K06	CHORI-322	3L	2785194	2804602
CH322-166K08	CHORI-322	3R	17268499	17287809
CH322-166K09	CHORI-322	X	421660	444582
CH322-166K11	CHORI-322	X	2936059	2953449
CH322-166K13	CHORI-322	2R	7103140	7125308
CH322-166K16	CHORI-322	2R	16443172	16463221
CH322-166K17	CHORI-322	3RHet	908770	927953
CH322-166K19	CHORI-322	2R	20928680	20949753
CH322-166K20	CHORI-322	3R	18925532	18947737
CH322-166K21	CHORI-322	X	3750826	3771013
CH322-166K22	CHORI-322	X	14869169	14891175

CH322-166L01	CHORI-322	X	10472700	10492351
CH322-166L03	CHORI-322	3R	7867401	7887237
CH322-166L05	CHORI-322	2R	8122741	8146039
CH322-166L07	CHORI-322	3R	1368821	1388022
CH322-166L12	CHORI-322	3L	14422188	14441733
CH322-166L13	CHORI-322	3R	5691258	5711482
CH322-166L16	CHORI-322	2L	14706056	14725902
CH322-166L17	CHORI-322	2RHet	3216330	3237402
CH322-166L18	CHORI-322	2R	7509382	7532003
CH322-166L19	CHORI-322	X	6746334	6768870
CH322-166L21	CHORI-322	3R	26332926	26351330
CH322-166L22	CHORI-322	3LHet	609649	627743
CH322-166L23	CHORI-322	X	4172089	4195648
CH322-166M01	CHORI-322	X	9316913	9337105
CH322-166M04	CHORI-322	2R	1986253	2003812
CH322-166M11	CHORI-322	3R	16801491	16824142
CH322-166M13	CHORI-322	3R	24261018	24283757
CH322-166M14	CHORI-322	3R	23525164	23546451
CH322-166M18	CHORI-322	3R	15085605	15107700
CH322-166M19	CHORI-322	2R	2980143	3003700
CH322-166M22	CHORI-322	2R	2515350	2535401
CH322-166N03	CHORI-322	X	6751896	6770986
CH322-166N04	CHORI-322	3R	14875162	14895883
CH322-166N05	CHORI-322	3L	10983665	11003280
CH322-166N08	CHORI-322	2R	11466775	11487216
CH322-166N11	CHORI-322	2L	5948756	5970289
CH322-166N12	CHORI-322	2R	8887096	8908877
CH322-166N14	CHORI-322	2R	4954639	4975111
CH322-166N16	CHORI-322	3R	18682572	18704320
CH322-166N17	CHORI-322	3R	24444092	24463544
CH322-166N19	CHORI-322	3L	215114	233631
CH322-166N20	CHORI-322	2L	14818484	14837536
CH322-166N21	CHORI-322	3R	4367364	4385482
CH322-166N22	CHORI-322	2R	20494913	20516601
CH322-166O05	CHORI-322	2L	6576119	6596047
CH322-166O06	CHORI-322	3R	23000182	23022258
CH322-166O07	CHORI-322	2R	8245956	8268652
CH322-166O12	CHORI-322	2R	15959529	15978622
CH322-166O17	CHORI-322	2L	4444110	4466417
CH322-166O18	CHORI-322	2L	11753119	11772380
CH322-166O19	CHORI-322	2R	2831376	2852563
CH322-166O20	CHORI-322	3L	16784562	16807180
CH322-166O21	CHORI-322	3L	8473643	8493133
CH322-166O24	CHORI-322	2R	1135182	1156539
CH322-166P01	CHORI-322	3LHet	394326	415199
CH322-166P02	CHORI-322	3R	2247986	2270324
CH322-166P05	CHORI-322	3L	5394685	5417484
CH322-166P06	CHORI-322	3RHet	1429677	1449591
CH322-166P07	CHORI-322	3L	3697728	3718686
CH322-166P08	CHORI-322	X	6219057	6238294
CH322-166P12	CHORI-322	2L	8228799	8249598
CH322-166P13	CHORI-322	3L	5562613	5582258
CH322-166P14	CHORI-322	3R	9181672	9202775
CH322-166P16	CHORI-322	3L	10567449	10591111

CH322-166P17	CHORI-322	2R	7284909	7303703
CH322-166P18	CHORI-322	3L	19439212	19460401
CH322-166P19	CHORI-322	XHet	16943 37664	
CH322-166P21	CHORI-322	2L	1126194	1148999
CH322-167A02	CHORI-322	2L	17227677	17249177
CH322-167A03	CHORI-322	3L	21947863	21965478
CH322-167A04	CHORI-322	2R	17595759	17615665
CH322-167A05	CHORI-322	X	17467658	17489987
CH322-167A06	CHORI-322	2L	9671523	9692425
CH322-167A08	CHORI-322	3L	2569427	2589677
CH322-167A09	CHORI-322	3R	5645129	5664449
CH322-167A10	CHORI-322	3R	2340318	2360235
CH322-167A11	CHORI-322	3R	5473408	5493744
CH322-167A12	CHORI-322	2L	7548640	7568589
CH322-167A13	CHORI-322	3L	17557357	17579006
CH322-167A14	CHORI-322	3L	6658629	6680081
CH322-167A18	CHORI-322	3R	19441028	19461316
CH322-167A19	CHORI-322	3L	19420350	19440640
CH322-167A21	CHORI-322	X	5091649	5114436
CH322-167A24	CHORI-322	2L	22116922	22135655
CH322-167B02	CHORI-322	3L	11574775	11597084
CH322-167B04	CHORI-322	3R	15121987	15141154
CH322-167B05	CHORI-322	X	14217612	14237418
CH322-167B07	CHORI-322	3R	3063492	3084068
CH322-167B09	CHORI-322	2R	6396695	6416592
CH322-167B10	CHORI-322	X	9743486	9763793
CH322-167B11	CHORI-322	X	977672	997527
CH322-167B12	CHORI-322	X	12839751	12858944
CH322-167B13	CHORI-322	3L	17954737	17973525
CH322-167B15	CHORI-322	2R	19902674	19923886
CH322-167B19	CHORI-322	3R	4360331	4379484
CH322-167B21	CHORI-322	2R	780210	799667
CH322-167B23	CHORI-322	2R	7692438	7713264
CH322-167B24	CHORI-322	2R	18850243	18873305
CH322-167C01	CHORI-322	3L	12579179	12598362
CH322-167C02	CHORI-322	X	3519164	3539126
CH322-167C03	CHORI-322	2L	5664133	5685355
CH322-167C05	CHORI-322	3L	5598029	5617272
CH322-167C06	CHORI-322	2L	21802857	21820718
CH322-167C09	CHORI-322	2L	15951031	15974259
CH322-167C11	CHORI-322	2R	3828668	3848738
CH322-167C12	CHORI-322	X	19262907	19285602
CH322-167C14	CHORI-322	2R	17089539	17113170
CH322-167C16	CHORI-322	3R	27242380	27263190
CH322-167C17	CHORI-322	3R	24270489	24291891
CH322-167C18	CHORI-322	2R	18436317	18457141
CH322-167D01	CHORI-322	2L	4079451	4100894
CH322-167D02	CHORI-322	3R	25728844	25751290
CH322-167D04	CHORI-322	2R	6680204	6699651
CH322-167D06	CHORI-322	3L	1912123	1936394
CH322-167D07	CHORI-322	2R	18083038	18104481
CH322-167D08	CHORI-322	3R	26847666	26869207
CH322-167D09	CHORI-322	3L	9864232	9884927
CH322-167D10	CHORI-322	X	17372075	17391671

CH322-167D11	CHORI-322	2L	6182656	6204645
CH322-167D14	CHORI-322	X	10898831	10918902
CH322-167D16	CHORI-322	X	6792378	6814229
CH322-167D17	CHORI-322	3L	4152256	4174325
CH322-167D18	CHORI-322	3L	13461391	13480766
CH322-167D21	CHORI-322	3L	3058031	3080132
CH322-167D23	CHORI-322	3R	5791509	5809552
CH322-167E03	CHORI-322	3R	27374740	27397311
CH322-167E04	CHORI-322	3L	11236583	11256288
CH322-167E05	CHORI-322	3R	13343965	13363167
CH322-167E07	CHORI-322	2L	7388978	7410499
CH322-167E08	CHORI-322	2L	4882338	4903009
CH322-167E10	CHORI-322	2L	5165550	5189787
CH322-167E11	CHORI-322	3R	8881700	8900844
CH322-167E12	CHORI-322	X	14163696	14187586
CH322-167E13	CHORI-322	X	16558500	16579196
CH322-167E14	CHORI-322	2L	22248304	22268567
CH322-167E16	CHORI-322	2L	3315063	3337729
CH322-167E18	CHORI-322	X	22306020	22325293
CH322-167E23	CHORI-322	2L	15477697	15497534
CH322-167E24	CHORI-322	2R	16318277	16339416
CH322-167F01	CHORI-322	3L	14151317	14174499
CH322-167F02	CHORI-322	2R	15790544	15811950
CH322-167F03	CHORI-322	3R	4149721	4171835
CH322-167F04	CHORI-322	2L	1448664	1470586
CH322-167F05	CHORI-322	2R	15961405	15981990
CH322-167F07	CHORI-322	3R	16369832	16389203
CH322-167F08	CHORI-322	3R	7681685	7700149
CH322-167F09	CHORI-322	3L	14639838	14659322
CH322-167F10	CHORI-322	2R	4714205	4737144
CH322-167F11	CHORI-322	2R	20287860	20311909
CH322-167F13	CHORI-322	3R	22151424	22168978
CH322-167F14	CHORI-322	2L	10454848	10473586
CH322-167F17	CHORI-322	2R	18141400	18161643
CH322-167G01	CHORI-322	2L	21930173	21951493
CH322-167G03	CHORI-322	2L	3377921	3399983
CH322-167G04	CHORI-322	2L	16756123	16779474
CH322-167G05	CHORI-322	3LHet	1020490	1043440
CH322-167G07	CHORI-322	3L	17792817	17812785
CH322-167G08	CHORI-322	3R	9626297	9646381
CH322-167G09	CHORI-322	3R	17040890	17061418
CH322-167G10	CHORI-322	3R	26933880	26954714
CH322-167G11	CHORI-322	3L	8757361	8778882
CH322-167G13	CHORI-322	3R	12050800	12074919
CH322-167G16	CHORI-322	3R	50662 72026	
CH322-167G17	CHORI-322	3LHet	487936	507949
CH322-167G18	CHORI-322	3L	16125452	16145527
CH322-167G19	CHORI-322	3L	4822624	4843579
CH322-167G20	CHORI-322	4	1197969	1218076
CH322-167G21	CHORI-322	2R	13628116	13651120
CH322-167G23	CHORI-322	3R	6940479	6961105
CH322-167H01	CHORI-322	2R	6266637	6286420
CH322-167H03	CHORI-322	2R	4684062	4704811
CH322-167H04	CHORI-322	2L	14686015	14707269

CH322-167H05	CHORI-322	3R	12484641	12507053
CH322-167H06	CHORI-322	X	21037503	21057420
CH322-167H08	CHORI-322	X	20516387	20536279
CH322-167H11	CHORI-322	X	819172	841049
CH322-167H15	CHORI-322	3R	61366 82837	
CH322-167H16	CHORI-322	2L	22312158	22330381
CH322-167H17	CHORI-322	2R	19131336	19152364
CH322-167H18	CHORI-322	ArmU	1057666	1076816
CH322-167H24	CHORI-322	3R	15669289	15687214
CH322-167I02	CHORI-322	2R	7698076	7718272
CH322-167I03	CHORI-322	2R	17687159	17709256
CH322-167I04	CHORI-322	2R	4714145	4734343
CH322-167I06	CHORI-322	3R	1269032	1288059
CH322-167I07	CHORI-322	2L	2470453	2491918
CH322-167I12	CHORI-322	ArmU	942338	962531
CH322-167I16	CHORI-322	3R	19128615	19146683
CH322-167I17	CHORI-322	3L	6144963	6165894
CH322-167I19	CHORI-322	2L	15489933	15513705
CH322-167I20	CHORI-322	3R	25511839	25531578
CH322-167I21	CHORI-322	2R	11590244	11610506
CH322-167I22	CHORI-322	3R	18980048	18999680
CH322-167J01	CHORI-322	3R	19819967	19842051
CH322-167J02	CHORI-322	3R	19989647	20010712
CH322-167J03	CHORI-322	2R	6881132	6901411
CH322-167J05	CHORI-322	3R	1238417	1257617
CH322-167J06	CHORI-322	2L	22963603	22983470
CH322-167J07	CHORI-322	2L	8736524	8756012
CH322-167J08	CHORI-322	2R	13769368	13791498
CH322-167J14	CHORI-322	3L	4265827	4289535
CH322-167J15	CHORI-322	3R	24171021	24192538
CH322-167J17	CHORI-322	2R	1697878	1718000
CH322-167J19	CHORI-322	2R	14349367	14373041
CH322-167J24	CHORI-322	X	7890962	7911536
CH322-167K01	CHORI-322	X	14169752	14191871
CH322-167K05	CHORI-322	2R	4182254	4205420
CH322-167K06	CHORI-322	2L	14894565	14914459
CH322-167K07	CHORI-322	2L	3802175	3820841
CH322-167K12	CHORI-322	3L	11785566	11806406
CH322-167K14	CHORI-322	2L	7045623	7065514
CH322-167K15	CHORI-322	3R	77942 97235	
CH322-167K16	CHORI-322	3L	20268085	20287026
CH322-167K17	CHORI-322	2L	19299553	19323179
CH322-167K20	CHORI-322	ArmU	1348767	1368053
CH322-167K22	CHORI-322	3R	16539415	16558110
CH322-167L01	CHORI-322	2R	19192989	19214140
CH322-167L07	CHORI-322	2L	5076059	5094262
CH322-167L08	CHORI-322	3L	23412157	23431860
CH322-167L11	CHORI-322	3R	10610762	10632793
CH322-167L12	CHORI-322	2R	8982265	9003011
CH322-167L13	CHORI-322	3R	4426983	4446071
CH322-167L14	CHORI-322	3L	2318219	2339017
CH322-167L15	CHORI-322	X	12618892	12636702
CH322-167L17	CHORI-322	X	6717788	6736750
CH322-167L19	CHORI-322	2R	19746437	19768846

CH322-167M01	CHORI-322	2R	10092643	10113789
CH322-167M02	CHORI-322	2L	19184792	19206060
CH322-167M07	CHORI-322	X	18244127	18266150
CH322-167M08	CHORI-322	2L	15502498	15523240
CH322-167M14	CHORI-322	3R	12750416	12770087
CH322-167M20	CHORI-322	3R	2583929	2604013
CH322-167M21	CHORI-322	2L	1293440	1313431
CH322-167N01	CHORI-322	2R	931901	952192
CH322-167N02	CHORI-322	3R	18883277	18903533
CH322-167N07	CHORI-322	X	20018834	20039679
CH322-167N24	CHORI-322	3R	9301073	9320698
CH322-167O02	CHORI-322	2R	9891229	9910623
CH322-167O03	CHORI-322	3R	2317940	2340075
CH322-167O06	CHORI-322	3R	23718133	23738716
CH322-167O07	CHORI-322	2L	18672700	18696223
CH322-167O09	CHORI-322	3R	14339001	14357780
CH322-167O10	CHORI-322	2R	15396593	15416319
CH322-167O11	CHORI-322	2R	5450783	5470576
CH322-167O12	CHORI-322	2L	66421 86318	
CH322-167O21	CHORI-322	2L	4994581	5013584
CH322-167O22	CHORI-322	2R	15433225	15454357
CH322-167O23	CHORI-322	3L	8758739	8780140
CH322-167O24	CHORI-322	3L	16040372	16060687
CH322-167P01	CHORI-322	3L	8794909	8814923
CH322-167P02	CHORI-322	3R	2860743	2879915
CH322-167P03	CHORI-322	2L	5441107	5460677
CH322-167P05	CHORI-322	3R	15024338	15044962
CH322-167P06	CHORI-322	2R	3188855	3208694
CH322-167P09	CHORI-322	2R	3890014	3911311
CH322-167P10	CHORI-322	2L	15071289	15091046
CH322-167P11	CHORI-322	3L	14156836	14177126
CH322-167P12	CHORI-322	X	15318214	15338636
CH322-167P17	CHORI-322	2R	14945342	14966903
CH322-167P24	CHORI-322	2L	10393370	10414870
CH322-168A01	CHORI-322	2R	20197100	20214765
CH322-168A02	CHORI-322	3R	19595255	19619687
CH322-168A04	CHORI-322	X	8578735	8597588
CH322-168A08	CHORI-322	3R	6959866	6978896
CH322-168A10	CHORI-322	3L	11429722	11452402
CH322-168A19	CHORI-322	3L	19885082	19908360
CH322-168A20	CHORI-322	3LHet	1798771	1820312
CH322-168A22	CHORI-322	2R	19302155	19323183
CH322-168A24	CHORI-322	X	9739998	9760055
CH322-168B02	CHORI-322	2L	21769838	21791130
CH322-168B04	CHORI-322	3L	11465269	11488348
CH322-168B06	CHORI-322	3R	25906269	25926420
CH322-168B10	CHORI-322	2L	2897415	2916347
CH322-168B11	CHORI-322	2R	13347590	13369719
CH322-168B19	CHORI-322	3R	23272088	23289673
CH322-168B21	CHORI-322	2L	7792841	7814587
CH322-168B22	CHORI-322	3R	5671095	5690840
CH322-168C01	CHORI-322	3R	14130278	14152585
CH322-168C02	CHORI-322	X	10002397	10023929
CH322-168C05	CHORI-322	2R	19140856	19163588

CH322-168C06	CHORI-322	X	199777	219555
CH322-168C10	CHORI-322	3L	19599169	19620351
CH322-168C11	CHORI-322	2R	10326055	10346098
CH322-168C12	CHORI-322	2R	1566040	1589325
CH322-168C13	CHORI-322	3L	22355676	22376544
CH322-168C15	CHORI-322	3R	11846422	11870949
CH322-168C16	CHORI-322	2R	11171135	11188950
CH322-168C17	CHORI-322	X	20393085	20413430
CH322-168C19	CHORI-322	3R	1935650	1954783
CH322-168C20	CHORI-322	3R	4258650	4282306
CH322-168C22	CHORI-322	3R	6878787	6896668
CH322-168C23	CHORI-322	3L	12138406	12159832
CH322-168C24	CHORI-322	3R	20939515	20961458
CH322-168D01	CHORI-322	3R	3277990	3297687
CH322-168D02	CHORI-322	ArmU	473521	491964
CH322-168D06	CHORI-322	3R	19385355	19408247
CH322-168D09	CHORI-322	2R	884051	901551
CH322-168D11	CHORI-322	3R	11018547	11039212
CH322-168D12	CHORI-322	2L	15994760	16014991
CH322-168D13	CHORI-322	2R	14647418	14669347
CH322-168D14	CHORI-322	3R	21278536	21300243
CH322-168D15	CHORI-322	3R	4581422	4602032
CH322-168D18	CHORI-322	2R	8607895	8625284
CH322-168D21	CHORI-322	3L	12483086	12506557
CH322-168D23	CHORI-322	2R	4993158	5013306
CH322-168D24	CHORI-322	3L	22384003	22405125
CH322-168E01	CHORI-322	X	14206115	14225719
CH322-168E02	CHORI-322	3R	5415800	5434588
CH322-168E04	CHORI-322	X	19047619	19071164
CH322-168E06	CHORI-322	4	420413	439972
CH322-168E08	CHORI-322	2L	1523929	1543778
CH322-168E09	CHORI-322	X	8702047	8721463
CH322-168E10	CHORI-322	3R	5241645	5262042
CH322-168E12	CHORI-322	2L	7532781	7554329
CH322-168E13	CHORI-322	2R	5940796	5959643
CH322-168E14	CHORI-322	3R	5546560	5567731
CH322-168E17	CHORI-322	X	9803829	9823637
CH322-168E18	CHORI-322	X	13139118	13162563
CH322-168E22	CHORI-322	3L	22494957	22515827
CH322-168E23	CHORI-322	2L	8605102	8627299
CH322-168F02	CHORI-322	3R	5645530	5666233
CH322-168F04	CHORI-322	3L	12234416	12255139
CH322-168F06	CHORI-322	3R	2945537	2966486
CH322-168F09	CHORI-322	3LHet	2525016	2547579
CH322-168F10	CHORI-322	2R	20449271	20473617
CH322-168F13	CHORI-322	X	2177392	2199450
CH322-168F15	CHORI-322	2L	14860521	14881004
CH322-168F17	CHORI-322	3R	24756792	24777531
CH322-168F19	CHORI-322	2L	18498161	18517436
CH322-168F20	CHORI-322	X	4464140	4486504
CH322-168F21	CHORI-322	3R	14856370	14878144
CH322-168F22	CHORI-322	2L	3335988	3358549
CH322-168G02	CHORI-322	2L	19162402	19183533
CH322-168G03	CHORI-322	3L	3624074	3644965

CH322-168G04	CHORI-322	3L	19446204	19465374
CH322-168G06	CHORI-322	2L	13826758	13844964
CH322-168G07	CHORI-322	2L	7581635	7601514
CH322-168G08	CHORI-322	3L	14230527	14252403
CH322-168G12	CHORI-322	2R	13054084	13075301
CH322-168G16	CHORI-322	2L	13865465	13887199
CH322-168G18	CHORI-322	2L	6882204	6904666
CH322-168G20	CHORI-322	X	7637626	7659890
CH322-168G22	CHORI-322	2L	13449917	13470873
CH322-168G23	CHORI-322	2R	14325095	14345001
CH322-168G24	CHORI-322	2R	2833812	2857113
CH322-168H01	CHORI-322	X	8971562	8989535
CH322-168H03	CHORI-322	2L	8603566	8623340
CH322-168H05	CHORI-322	3R	18830316	18853210
CH322-168H12	CHORI-322	3L	18578623	18598260
CH322-168H13	CHORI-322	X	6805047	6821575
CH322-168H17	CHORI-322	3R	1999338	2019373
CH322-168H21	CHORI-322	3R	26744372	26764760
CH322-168H23	CHORI-322	2L	383979	408001
CH322-168H24	CHORI-322	X	18116445	18135427
CH322-168I01	CHORI-322	3L	22785318	22805972
CH322-168I02	CHORI-322	3L	10006952	10026594
CH322-168I03	CHORI-322	X	21225128	21250102
CH322-168I04	CHORI-322	2L	10659190	10679010
CH322-168I05	CHORI-322	3R	10905262	10928631
CH322-168I06	CHORI-322	2L	13200008	13222206
CH322-168I10	CHORI-322	2L	15534388	15557845
CH322-168I12	CHORI-322	3RHet	287536	307755
CH322-168I13	CHORI-322	3R	4264732	4286173
CH322-168I14	CHORI-322	3R	25426328	25446965
CH322-168I15	CHORI-322	3L	9830686	9850604
CH322-168I16	CHORI-322	3R	7674357	7696815
CH322-168I18	CHORI-322	3R	12277931	12300162
CH322-168I20	CHORI-322	3L	21081545	21102234
CH322-168I22	CHORI-322	X	14702148	14721470
CH322-168I23	CHORI-322	3L	21029096	21049890
CH322-168I24	CHORI-322	X	20958315	20977729
CH322-168J04	CHORI-322	2R	468191	490057
CH322-168J06	CHORI-322	3R	8878656	8898056
CH322-168J11	CHORI-322	3L	17517869	17540596
CH322-168J12	CHORI-322	2L	20007678	20027611
CH322-168J13	CHORI-322	3R	8323541	8345082
CH322-168J15	CHORI-322	3R	24148704	24167967
CH322-168J18	CHORI-322	2R	8164917	8183206
CH322-168J21	CHORI-322	3L	22981115	23000093
CH322-168J22	CHORI-322	3LHet	1983936	2004304
CH322-168J23	CHORI-322	2R	12402720	12423272
CH322-168K01	CHORI-322	3R	7678262	7699328
CH322-168K04	CHORI-322	X	1551190	1573453
CH322-168K06	CHORI-322	2L	21389570	21410025
CH322-168K07	CHORI-322	2L	21840361	21861810
CH322-168K08	CHORI-322	3L	16197141	16217341
CH322-168K10	CHORI-322	3L	15587128	15606448
CH322-168K14	CHORI-322	X	22137330	22159009

CH322-168K15	CHORI-322	3L	121367	141753
CH322-168K16	CHORI-322	2R	17832277	17851772
CH322-168K18	CHORI-322	3R	10971145	10990532
CH322-168K20	CHORI-322	3L	20807948	20828644
CH322-168K21	CHORI-322	3L	17686748	17708108
CH322-168K22	CHORI-322	3R	6790644	6812139
CH322-168K23	CHORI-322	2R	14135782	14153467
CH322-168K24	CHORI-322	3R	23646441	23666888
CH322-168L01	CHORI-322	3L	1358913	1380176
CH322-168L03	CHORI-322	3L	15088833	15112399
CH322-168L04	CHORI-322	2R	13484639	13505998
CH322-168L05	CHORI-322	3L	15898138	15918813
CH322-168L06	CHORI-322	3R	7151986	7174431
CH322-168L08	CHORI-322	2R	20705677	20724970
CH322-168L10	CHORI-322	3R	3897551	3918403
CH322-168L11	CHORI-322	3L	6231661	6251819
CH322-168L12	CHORI-322	3R	16295109	16315495
CH322-168L14	CHORI-322	3R	23739275	23759266
CH322-168L16	CHORI-322	3R	18846742	18869872
CH322-168L20	CHORI-322	X	21060390	21080905
CH322-168L21	CHORI-322	2L	4566023	4587043
CH322-168L22	CHORI-322	3R	9295239	9314593
CH322-168L23	CHORI-322	2L	6299830	6320414
CH322-168L24	CHORI-322	2L	20319819	20342120
CH322-168M01	CHORI-322	2R	12673516	12696150
CH322-168M03	CHORI-322	3L	16516714	16538678
CH322-168M07	CHORI-322	2L	4166990	4188283
CH322-168M12	CHORI-322	3L	12737329	12759175
CH322-168M15	CHORI-322	2L	8449092	8469455
CH322-168M16	CHORI-322	3R	17898343	17921341
CH322-168M18	CHORI-322	2L	1730322	1751415
CH322-168M21	CHORI-322	2RHet	991503	1009822
CH322-168M23	CHORI-322	3L	15728148	15748624
CH322-168M24	CHORI-322	2R	10617616	10638156
CH322-168N01	CHORI-322	3R	11336754	11359937
CH322-168N02	CHORI-322	3L	19176375	19195738
CH322-168N06	CHORI-322	X	10631222	10650174
CH322-168N10	CHORI-322	3R	27492659	27510707
CH322-168N12	CHORI-322	3R	14772399	14790960
CH322-168N13	CHORI-322	X	16558601	16578696
CH322-168N14	CHORI-322	2R	9941108	9963767
CH322-168N16	CHORI-322	3R	3531027	3548568
CH322-168N19	CHORI-322	3R	3518908	3539042
CH322-168N20	CHORI-322	X	18585596	18603379
CH322-168N21	CHORI-322	3R	15114999	15134725
CH322-168O03	CHORI-322	2R	6324412	6341121
CH322-168O06	CHORI-322	2L	6837822	6857983
CH322-168O08	CHORI-322	3R	4223298	4244612
CH322-168O10	CHORI-322	3L	22477380	22497497
CH322-168O11	CHORI-322	X	7277867	7300045
CH322-168O12	CHORI-322	4	1288200	1307080
CH322-168O14	CHORI-322	3R	20254032	20274003
CH322-168O16	CHORI-322	3R	10534747	10556317
CH322-168O18	CHORI-322	3R	4159479	4180349

CH322-168O19	CHORI-322	2L	16578028	16597950
CH322-168O20	CHORI-322	4	573767	593327
CH322-168O21	CHORI-322	2L	2665154	2683917
CH322-168O22	CHORI-322	3RHet	1787547	1808371
CH322-168O23	CHORI-322	3L	15455192	15477800
CH322-168O24	CHORI-322	2L	9504370	9527858
CH322-168P02	CHORI-322	2L	8495400	8516441
CH322-168P05	CHORI-322	2R	21073277	21095494
CH322-168P06	CHORI-322	3R	16495449	16514083
CH322-168P09	CHORI-322	3R	16503250	16524195
CH322-168P10	CHORI-322	2L	16980658	17002467
CH322-168P11	CHORI-322	X	11662839	11685019
CH322-168P13	CHORI-322	3R	17502930	17524366
CH322-168P14	CHORI-322	3L	23633974	23654179
CH322-168P15	CHORI-322	2R	12405085	12423439
CH322-168P17	CHORI-322	X	9627729	9646020
CH322-168P18	CHORI-322	3R	4244257	4264142
CH322-168P19	CHORI-322	3R	2081943	2100174
CH322-168P20	CHORI-322	3R	15947760	15965009
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CH322-168P24	CHORI-322	2L	8783981	8802572
CH322-169A01	CHORI-322	3L	6840727	6859674
CH322-169A03	CHORI-322	3R	7152812	7173502
CH322-169A04	CHORI-322	2L	12683850	12703888
CH322-169A06	CHORI-322	X	5489969	5508471
CH322-169A07	CHORI-322	3R	19462687	19485089
CH322-169A08	CHORI-322	3R	22517498	22539528
CH322-169A11	CHORI-322	2R	19470451	19493213
CH322-169A14	CHORI-322	2L	13426272	13448128
CH322-169A21	CHORI-322	2R	16000881	16023951
CH322-169A22	CHORI-322	X	2992336	3014163
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CH322-169B04	CHORI-322	2R	12058235	12081735
CH322-169B05	CHORI-322	3R	22854248	22874415
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CH322-169B09	CHORI-322	3R	20602937	20624287
CH322-169B11	CHORI-322	2R	7844784	7865847
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CH322-169B17	CHORI-322	3R	26722406	26744506
CH322-169B19	CHORI-322	3R	944126	962862
CH322-169C01	CHORI-322	2L	15027593	15049220
CH322-169C03	CHORI-322	2R	20726947	20747231
CH322-169C09	CHORI-322	2L	14135357	14155812
CH322-169C10	CHORI-322	X	10020949	10040522
CH322-169C11	CHORI-322	X	6398480	6418919
CH322-169C16	CHORI-322	2L	8556628	8575892
CH322-169C17	CHORI-322	2R	6808679	6829218
CH322-169C19	CHORI-322	3L	10060259	10081669
CH322-169C20	CHORI-322	3R	5205661	5229321
CH322-169C21	CHORI-322	2R	17137399	17157983
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CH322-169C24	CHORI-322	2R	13171889	13192973
CH322-169D02	CHORI-322	X	5006961	5026722
CH322-169D05	CHORI-322	3L	230014	250819
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CH322-169D09	CHORI-322	3L	4060339	4079088
CH322-169D10	CHORI-322	2L	8270962	8292354
CH322-169D11	CHORI-322	3R	18210910	18232384
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CH322-169D15	CHORI-322	2R	6728055	6750240
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CH322-169D18	CHORI-322	3L	11925382	11946208
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CH322-169D23	CHORI-322	3L	8430452	8453848
CH322-169D24	CHORI-322	2R	3384469	3404764
CH322-169E05	CHORI-322	3R	204151	224864
CH322-169E07	CHORI-322	2L	18134252	18155123
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CH322-169E17	CHORI-322	2L	21023978	21046536
CH322-169E18	CHORI-322	3R	19099560	19119845
CH322-169E21	CHORI-322	3R	14874824	14895440
CH322-169E24	CHORI-322	3L	14974223	14994131
CH322-169F02	CHORI-322	2R	15515805	15535167
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CH322-169F05	CHORI-322	2L	14361302	14380900
CH322-169F06	CHORI-322	2L	6205384	6224052
CH322-169F07	CHORI-322	2R	3460371	3481147
CH322-169F10	CHORI-322	3R	17380377	17401574
CH322-169F13	CHORI-322	2L	21677704	21700189
CH322-169F14	CHORI-322	3L	9707132	9727379
CH322-169F15	CHORI-322	3R	4548261	4567203
CH322-169F16	CHORI-322	3L	12460256	12479442
CH322-169F17	CHORI-322	3R	27011742	27030776
CH322-169F18	CHORI-322	3L	17091441	17108594
CH322-169F19	CHORI-322	3R	24903106	24926226
CH322-169F20	CHORI-322	2R	13487988	13505627
CH322-169F21	CHORI-322	3L	13858346	13879259
CH322-169F22	CHORI-322	3L	18874074	18894210
CH322-169F23	CHORI-322	2L	4320255	4343586
CH322-169G01	CHORI-322	2R	9449515	9470844
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CH322-169G17	CHORI-322	3LHet	619012	635583
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CH322-169G22	CHORI-322	3R	20560306	20580863
CH322-169H02	CHORI-322	2L	589648	609060
CH322-169H03	CHORI-322	2L	19182921	19202946
CH322-169H05	CHORI-322	2R	14699008	14719790
CH322-169H11	CHORI-322	2L	3250318	3271322
CH322-169H14	CHORI-322	3R	21612888	21634819
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CH322-169H16	CHORI-322	2L	3479466	3500204
CH322-169H17	CHORI-322	3R	25891396	25913144
CH322-169H18	CHORI-322	3R	7420401	7440786

CH322-169H21	CHORI-322	3R	9683842	9704721
CH322-169H23	CHORI-322	3R	7836106	7859271
CH322-169I01	CHORI-322	2L	5075356	5097364
CH322-169I03	CHORI-322	3R	18019517	18039645
CH322-169I12	CHORI-322	ArmU	23624	42564
CH322-169I16	CHORI-322	2L	2916353	2936889
CH322-169I18	CHORI-322	3L	13269964	13289206
CH322-169I20	CHORI-322	2L	15108190	15128697
CH322-169I21	CHORI-322	X	17078696	17099935
CH322-169I22	CHORI-322	3R	14661670	14682326
CH322-169I23	CHORI-322	3L	8471216	8493135
CH322-169I24	CHORI-322	X	1139868	1160075
CH322-169J01	CHORI-322	2R	20201213	20225505
CH322-169J05	CHORI-322	3L	23171520	23191715
CH322-169J06	CHORI-322	3L	12594617	12617700
CH322-169J07	CHORI-322	2L	15071828	15093891
CH322-169J09	CHORI-322	2R	19756205	19777647
CH322-169J15	CHORI-322	2L	9116353	9136719
CH322-169J17	CHORI-322	2R	12255648	12279277
CH322-169J18	CHORI-322	3R	19772767	19793923
CH322-169J20	CHORI-322	3R	24791891	24814375
CH322-169J21	CHORI-322	2L	16064780	16088138
CH322-169J22	CHORI-322	3R	20730655	20750393
CH322-169J23	CHORI-322	2L	13149267	13168298
CH322-169J24	CHORI-322	2R	17336467	17355513
CH322-169K01	CHORI-322	2L	19676931	19699359
CH322-169K13	CHORI-322	2L	5079128	5098046
CH322-169K16	CHORI-322	2L	3494629	3517499
CH322-169K17	CHORI-322	3L	12374291	12393465
CH322-169K18	CHORI-322	X	18253837	18276652
CH322-169K19	CHORI-322	2RHet	2354104	2374110
CH322-169K20	CHORI-322	3L	23455311	23476053
CH322-169K21	CHORI-322	2R	1008558	1029408
CH322-169K22	CHORI-322	3R	10884322	10906703
CH322-169K23	CHORI-322	2L	17820402	17840164
CH322-169L01	CHORI-322	2L	14263759	14286532
CH322-169L02	CHORI-322	2R	10347659	10370702
CH322-169L03	CHORI-322	2L	20793530	20813626
CH322-169L04	CHORI-322	X	15650668	15673526
CH322-169L07	CHORI-322	3L	5665384	5689736
CH322-169L15	CHORI-322	3R	26632461	26652496
CH322-169L17	CHORI-322	2R	3620096	3639344
CH322-169L21	CHORI-322	2L	2188501	2210075
CH322-169M03	CHORI-322	X	18354278	18376698
CH322-169M16	CHORI-322	2R	8376972	8401747
CH322-169M18	CHORI-322	3L	22472249	22490479
CH322-169M19	CHORI-322	3R	24766928	24789033
CH322-169M22	CHORI-322	3L	14697758	14720425
CH322-169N01	CHORI-322	3R	18548901	18572497
CH322-169N02	CHORI-322	2R	9534587	9558198
CH322-169N03	CHORI-322	3R	18019072	18041428
CH322-169N05	CHORI-322	3L	7050761	7071055
CH322-169N09	CHORI-322	X	6117872	6136365
CH322-169N11	CHORI-322	3R	20557742	20578341

CH322-169N13	CHORI-322	X	13610280	13629566
CH322-169N17	CHORI-322	3R	23092422	23116859
CH322-169N19	CHORI-322	2L	7955445	7974736
CH322-169N20	CHORI-322	3L	14159814	14182217
CH322-169N21	CHORI-322	3L	20889043	20908569
CH322-169N22	CHORI-322	2L	16410613	16431770
CH322-169N24	CHORI-322	3R	1519732	1542461
CH322-169O08	CHORI-322	2L	18664935	18686508
CH322-169O12	CHORI-322	X	15111423	15131832
CH322-169O15	CHORI-322	X	1338906	1363030
CH322-169O16	CHORI-322	2L	9941666	9960820
CH322-169O19	CHORI-322	3L	11659487	11677906
CH322-169O22	CHORI-322	3L	10119624	10138535
CH322-169P01	CHORI-322	2L	21611806	21630461
CH322-169P02	CHORI-322	3L	13526636	13546973
CH322-169P03	CHORI-322	2R	7744319	7765718
CH322-169P05	CHORI-322	2R	8784601	8805381
CH322-169P07	CHORI-322	3LHet	2219995	2239842
CH322-169P11	CHORI-322	3L	121311	141213
CH322-169P16	CHORI-322	3R	26926007	26949224
CH322-169P19	CHORI-322	2R	4732007	4754322
CH322-169P24	CHORI-322	X	18197643	18216322
CH322-16A02	CHORI-322	3R	21764635	21787375
CH322-16A04	CHORI-322	3L	17008593	17033023
CH322-16A06	CHORI-322	X	10756367	10776503
CH322-16A11	CHORI-322	3L	21955754	21979029
CH322-16A13	CHORI-322	X	15766812	15787234
CH322-16A20	CHORI-322	2R	17933694	17957554
CH322-16A23	CHORI-322	2L	3273101	3297073
CH322-16B07	CHORI-322	2R	12071969	12093142
CH322-16B08	CHORI-322	3L	3003072	3025243
CH322-16B09	CHORI-322	3R	21063623	21083716
CH322-16B10	CHORI-322	X	3682036	3702049
CH322-16B12	CHORI-322	2R	9926977	9952900
CH322-16B13	CHORI-322	X	15788920	15811247
CH322-16B21	CHORI-322	3L	9147966	9171815
CH322-16B22	CHORI-322	X	9570981	9591794
CH322-16C05	CHORI-322	3L	4442517	4463292
CH322-16C06	CHORI-322	3L	3529538	3550692
CH322-16C09	CHORI-322	2R	8761042	8784597
CH322-16C13	CHORI-322	3R	2532797	2555727
CH322-16C14	CHORI-322	2R	9737522	9757921
CH322-16C16	CHORI-322	3L	13137205	13156364
CH322-16C18	CHORI-322	X	14748640	14769669
CH322-16C22	CHORI-322	3R	19688022	19710036
CH322-16C23	CHORI-322	3L	3636432	3661671
CH322-16D04	CHORI-322	3L	591638	616759
CH322-16D11	CHORI-322	2R	6301218	6324183
CH322-16D15	CHORI-322	2L	11755954	11775921
CH322-16D17	CHORI-322	2L	16822850	16842458
CH322-16D21	CHORI-322	3R	10265859	10285696
CH322-16D22	CHORI-322	3R	24726927	24750032
CH322-16E03	CHORI-322	2R	20957052	20976296
CH322-16E05	CHORI-322	2L	8430296	8451718

CH322-16E11	CHORI-322	3R	23548299	23569156
CH322-16E12	CHORI-322	4	539390	562467
CH322-16E14	CHORI-322	X	19704175	19726339
CH322-16E18	CHORI-322	2R	17735936	17757593
CH322-16E19	CHORI-322	3R	23210843	23236108
CH322-16E20	CHORI-322	2L	827255	849265
CH322-16E21	CHORI-322	X	12819963	12843786
CH322-16E22	CHORI-322	2L	20324537	20346506
CH322-16F01	CHORI-322	3L	3312056	3332965
CH322-16F02	CHORI-322	2L	737908	760261
CH322-16F19	CHORI-322	2L	6489970	6511879
CH322-16F21	CHORI-322	3R	4781861	4804689
CH322-16F23	CHORI-322	2R	9329884	9352728
CH322-16G03	CHORI-322	3R	12561774	12581791
CH322-16G08	CHORI-322	3R	24829228	24849589
CH322-16G16	CHORI-322	3R	11340322	11364399
CH322-16G18	CHORI-322	3L	22677445	22699921
CH322-16G20	CHORI-322	3L	7207278	7227427
CH322-16G22	CHORI-322	2L	3856415	3879728
CH322-16H02	CHORI-322	2R	19348360	19370654
CH322-16H04	CHORI-322	X	20785521	20807840
CH322-16H10	CHORI-322	X	7941959	7965768
CH322-16H15	CHORI-322	3L	4119376	4140203
CH322-16H17	CHORI-322	3R	19036587	19060994
CH322-16I04	CHORI-322	2R	16678299	16698479
CH322-16I05	CHORI-322	2L	5838167	5860128
CH322-16I06	CHORI-322	2L	21259919	21279372
CH322-16I09	CHORI-322	ArmU	1345631	1367904
CH322-16I10	CHORI-322	3R	22622540	22646115
CH322-16I15	CHORI-322	3L	15281496	15302818
CH322-16I18	CHORI-322	X	17372657	17395111
CH322-16I21	CHORI-322	3R	22810296	22830794
CH322-16J03	CHORI-322	2R	13055353	13077624
CH322-16J10	CHORI-322	3R	1465926	1490629
CH322-16J11	CHORI-322	2R	11927691	11954918
CH322-16J13	CHORI-322	3L	1816675	1837321
CH322-16J14	CHORI-322	2R	10839315	10859824
CH322-16J19	CHORI-322	3L	598265	619652
CH322-16J21	CHORI-322	3L	18149287	18171043
CH322-16K01	CHORI-322	3L	6635659	6656209
CH322-16K03	CHORI-322	2L	7304171	7324279
CH322-16K06	CHORI-322	3R	23600136	23623584
CH322-16K08	CHORI-322	2R	8436473	8458095
CH322-16K10	CHORI-322	2L	308612	331898
CH322-16K13	CHORI-322	3R	12256213	12279940
CH322-16K14	CHORI-322	3R	984276	1006789
CH322-16K15	CHORI-322	3L	16198184	16219800
CH322-16K16	CHORI-322	X	16162391	16183325
CH322-16K18	CHORI-322	2L	5408972	5428043
CH322-16K21	CHORI-322	3L	15232076	15252517
CH322-16L01	CHORI-322	X	9112540	9134291
CH322-16L02	CHORI-322	3R	24192535	24214441
CH322-16L03	CHORI-322	2L	2552191	2573639
CH322-16L05	CHORI-322	X	1938124	1962259

CH322-16L07	CHORI-322	3R	8899989	8925901
CH322-16L11	CHORI-322	2L	1160675	1181904
CH322-16L14	CHORI-322	X	14954398	14973342
CH322-16L21	CHORI-322	2R	20375248	20399150
CH322-16M01	CHORI-322	3R	18929160	18951758
CH322-16M05	CHORI-322	2L	5134057	5157839
CH322-16M06	CHORI-322	3R	1418289	1439730
CH322-16M07	CHORI-322	X	2418986	2442838
CH322-16M10	CHORI-322	3R	21901543	21923788
CH322-16M15	CHORI-322	3R	23999111	24018491
CH322-16M16	CHORI-322	2L	5704751	5727731
CH322-16M18	CHORI-322	2L	18841512	18862995
CH322-16M20	CHORI-322	3L	8815941	8838002
CH322-16M22	CHORI-322	X	13708704	13732446
CH322-16N01	CHORI-322	3R	17830032	17852148
CH322-16N04	CHORI-322	3L	16538925	16560576
CH322-16N05	CHORI-322	2L	4357685	4380463
CH322-16N06	CHORI-322	X	12618887	12639211
CH322-16N08	CHORI-322	3R	3930824	3951639
CH322-16N09	CHORI-322	3L	7599928	7621053
CH322-16N10	CHORI-322	2L	4454795	4476875
CH322-16N11	CHORI-322	2R	10048245	10072843
CH322-16N12	CHORI-322	4	733160	754934
CH322-16N14	CHORI-322	3L	8130019	8151184
CH322-16N15	CHORI-322	3L	13204458	13225599
CH322-16N17	CHORI-322	2L	190684	213815
CH322-16N19	CHORI-322	X	8109539	8132612
CH322-16N20	CHORI-322	3L	2197584	2218243
CH322-16O01	CHORI-322	X	9913541	9935517
CH322-16O02	CHORI-322	X	8504483	8522872
CH322-16O03	CHORI-322	2R	10711573	10732922
CH322-16O05	CHORI-322	3L	13394134	13416453
CH322-16O07	CHORI-322	2L	9438328	9461067
CH322-16O09	CHORI-322	4	526728	546933
CH322-16O10	CHORI-322	X	20241990	20264251
CH322-16O11	CHORI-322	2R	18623516	18647256
CH322-16O12	CHORI-322	3R	1136361	1157515
CH322-16O13	CHORI-322	2L	3860520	3882638
CH322-16O14	CHORI-322	2L	12098468	12118388
CH322-16O15	CHORI-322	2L	21365956	21388783
CH322-16O16	CHORI-322	3R	18614947	18637916
CH322-16O17	CHORI-322	3R	14934133	14956512
CH322-16O19	CHORI-322	3L	12810939	12834605
CH322-16O21	CHORI-322	4	616474	635859
CH322-16P02	CHORI-322	2R	3128714	3149245
CH322-16P05	CHORI-322	3R	2340853	2362981
CH322-16P09	CHORI-322	3R	16750366	16773172
CH322-16P10	CHORI-322	3R	4036721	4060801
CH322-16P12	CHORI-322	2R	3535784	3556325
CH322-16P14	CHORI-322	2L	5241419	5265722
CH322-16P16	CHORI-322	2R	10554353	10577115
CH322-16P17	CHORI-322	3L	20274230	20295645
CH322-16P22	CHORI-322	2R	1398474	1421926
CH322-16P24	CHORI-322	3L	1638433	1664579

CH322-170A01	CHORI-322	3R	11051620	11071252
CH322-170A03	CHORI-322	X	1802028	1823165
CH322-170A04	CHORI-322	X	9428212	9446561
CH322-170A05	CHORI-322	X	1163354	1185967
CH322-170A08	CHORI-322	3R	24516250	24536375
CH322-170A09	CHORI-322	2L	2997051	3016550
CH322-170A11	CHORI-322	X	8422792	8441602
CH322-170A12	CHORI-322	2R	4527618	4550739
CH322-170A13	CHORI-322	3R	21487871	21508127
CH322-170A14	CHORI-322	3R	14753107	14775640
CH322-170A19	CHORI-322	2R	2426948	2447271
CH322-170A20	CHORI-322	2R	20795898	20816820
CH322-170A21	CHORI-322	2R	8579846	8600025
CH322-170A23	CHORI-322	2L	226393	246652
CH322-170A24	CHORI-322	X	16445724	16468134
CH322-170B01	CHORI-322	3L	9629684	9650014
CH322-170B04	CHORI-322	3LHet	1372241	1394070
CH322-170B05	CHORI-322	X	21353288	21377030
CH322-170B06	CHORI-322	3L	385288	408404
CH322-170B08	CHORI-322	3R	10313540	10332771
CH322-170B09	CHORI-322	3R	15763419	15782388
CH322-170B13	CHORI-322	3R	14073339	14094710
CH322-170B19	CHORI-322	X	16309532	16330851
CH322-170B21	CHORI-322	2L	22028261	22048261
CH322-170C01	CHORI-322	3R	24169103	24193430
CH322-170C04	CHORI-322	3L	4699043	4719130
CH322-170C09	CHORI-322	4	885129	904716
CH322-170C11	CHORI-322	3R	4986343	5007441
CH322-170C12	CHORI-322	X	3723023	3743155
CH322-170C15	CHORI-322	3L	6663769	6683310
CH322-170C16	CHORI-322	3R	21113515	21132719
CH322-170C17	CHORI-322	2R	20765560	20785920
CH322-170C18	CHORI-322	2L	10389700	10409848
CH322-170C19	CHORI-322	2R	10481916	10502645
CH322-170C21	CHORI-322	3L	15403675	15425455
CH322-170C22	CHORI-322	2L	6495657	6516554
CH322-170C23	CHORI-322	X	13830348	13849463
CH322-170C24	CHORI-322	3L	6050694	6070097
CH322-170D01	CHORI-322	3R	1257284	1277877
CH322-170D02	CHORI-322	3L	7733309	7751934
CH322-170D06	CHORI-322	3L	10605176	10626053
CH322-170D08	CHORI-322	3R	26475533	26498986
CH322-170D09	CHORI-322	3R	14654231	14673409
CH322-170D10	CHORI-322	2R	19823372	19844764
CH322-170D14	CHORI-322	2L	7232932	7255214
CH322-170D15	CHORI-322	2R	14276232	14298735
CH322-170D16	CHORI-322	3R	25104432	25125764
CH322-170D17	CHORI-322	2R	18078566	18099542
CH322-170D18	CHORI-322	3R	22775978	22797533
CH322-170D21	CHORI-322	3L	13642808	13663600
CH322-170D23	CHORI-322	X	18746325	18768195
CH322-170E01	CHORI-322	3R	22023472	22046101
CH322-170E02	CHORI-322	2L	3133114	3152758
CH322-170E03	CHORI-322	2L	11499052	11519081

CH322-170E04	CHORI-322	3L	15348047	15367030
CH322-170E10	CHORI-322	2R	5263770	5284289
CH322-170E15	CHORI-322	3L	23507206	23530169
CH322-170E16	CHORI-322	3R	6720221	6742563
CH322-170E19	CHORI-322	3R	11932402	11953053
CH322-170E21	CHORI-322	2L	16095777	16116627
CH322-170E22	CHORI-322	X	14770478	14790022
CH322-170E23	CHORI-322	3L	2982861	3003072
CH322-170E24	CHORI-322	3R	20932500	20955511
CH322-170F01	CHORI-322	2L	3954025	3974351
CH322-170F02	CHORI-322	2L	12339417	12360185
CH322-170F17	CHORI-322	2L	411809	431854
CH322-170F18	CHORI-322	3R	24619222	24639953
CH322-170F21	CHORI-322	3R	6338419	6359328
CH322-170F22	CHORI-322	3R	10744911	10763626
CH322-170F23	CHORI-322	3R	24261634	24284436
CH322-170F24	CHORI-322	2R	4911155	4931201
CH322-170G02	CHORI-322	2L	20226479	20245657
CH322-170G05	CHORI-322	2R	7431383	7451702
CH322-170G08	CHORI-322	2L	20387052	20408658
CH322-170G11	CHORI-322	X	14685595	14708416
CH322-170G15	CHORI-322	3RHet	652148	674397
CH322-170G17	CHORI-322	3L	21218308	21238832
CH322-170G20	CHORI-322	3L	15352055	15372438
CH322-170G21	CHORI-322	3R	11450010	11469072
CH322-170G22	CHORI-322	2L	12587823	12607444
CH322-170G23	CHORI-322	3L	21783758	21803913
CH322-170H01	CHORI-322	3L	15121498	15141004
CH322-170H02	CHORI-322	2RHet	1474131	1493408
CH322-170H03	CHORI-322	3L	8467396	8489819
CH322-170H04	CHORI-322	X	19947007	19968508
CH322-170H05	CHORI-322	2L	6446256	6468868
CH322-170H12	CHORI-322	2R	5681015	5700893
CH322-170H15	CHORI-322	3L	12415344	12437824
CH322-170H17	CHORI-322	3L	13777028	13799136
CH322-170H18	CHORI-322	2R	16640485	16659669
CH322-170H19	CHORI-322	X	16098885	16120095
CH322-170H20	CHORI-322	2R	19451754	19475389
CH322-170H21	CHORI-322	2R	9149342	9169887
CH322-170H22	CHORI-322	3LHet	835690	855935
CH322-170H23	CHORI-322	2R	3774410	3794095
CH322-170H24	CHORI-322	3R	19516122	19536087
CH322-170I01	CHORI-322	3L	11466915	11487971
CH322-170I02	CHORI-322	X	1544933	1566046
CH322-170I03	CHORI-322	2R	8648204	8667198
CH322-170I05	CHORI-322	3R	19125432	19145848
CH322-170I06	CHORI-322	2R	2075044	2096858
CH322-170I09	CHORI-322	3L	5532032	5552000
CH322-170I19	CHORI-322	X	1104621	1123709
CH322-170I21	CHORI-322	4	1130140	1149959
CH322-170I23	CHORI-322	2L	16382925	16405271
CH322-170I24	CHORI-322	3R	21081288	21103128
CH322-170J01	CHORI-322	3L	5186979	5209416
CH322-170J03	CHORI-322	2R	5066397	5087690

CH322-170J06	CHORI-322	3L	9198998	9218874
CH322-170J13	CHORI-322	3R	11270101	11292267
CH322-170J17	CHORI-322	3R	23342598	23365794
CH322-170J18	CHORI-322	X	17447365	17466135
CH322-170J19	CHORI-322	3R	9320735	9343518
CH322-170J20	CHORI-322	2R	20483698	20504978
CH322-170J21	CHORI-322	2R	15744636	15761922
CH322-170J22	CHORI-322	2L	8717698	8738950
CH322-170J23	CHORI-322	3R	2385270	2406921
CH322-170J24	CHORI-322	3R	24638877	24660475
CH322-170K01	CHORI-322	3R	8986148	9007700
CH322-170K02	CHORI-322	3R	22081098	22101936
CH322-170K04	CHORI-322	X	16062114	16081342
CH322-170K05	CHORI-322	3R	19361997	19380459
CH322-170K09	CHORI-322	X	1091843	1113233
CH322-170K15	CHORI-322	3R	13789608	13809323
CH322-170K16	CHORI-322	2L	8155346	8173375
CH322-170K18	CHORI-322	2L	18554798	18573863
CH322-170K20	CHORI-322	3R	23575699	23597625
CH322-170K21	CHORI-322	2R	12462019	12481227
CH322-170K22	CHORI-322	2L	10368732	10392577
CH322-170K23	CHORI-322	3R	26268630	26287899
CH322-170L02	CHORI-322	3R	27229849	27250213
CH322-170L03	CHORI-322	3R	17321669	17340239
CH322-170L04	CHORI-322	3L	18169378	18188408
CH322-170L10	CHORI-322	2L	18956924	18975271
CH322-170L11	CHORI-322	2L	4681517	4704261
CH322-170L13	CHORI-322	2R	8157861	8181047
CH322-170L15	CHORI-322	X	11318551	11339437
CH322-170L16	CHORI-322	2R	2497403	2518108
CH322-170L19	CHORI-322	3R	25426531	25446915
CH322-170L20	CHORI-322	2L	9739235	9759460
CH322-170L22	CHORI-322	3L	23697655	23719095
CH322-170L23	CHORI-322	X	1351642	1371485
CH322-170L24	CHORI-322	2L	2385448	2406704
CH322-170M01	CHORI-322	3R	5514496	5535271
CH322-170M05	CHORI-322	3L	7966525	7985183
CH322-170M07	CHORI-322	3R	19327128	19346933
CH322-170M08	CHORI-322	2R	4618354	4639027
CH322-170M09	CHORI-322	2L	5736404	5757859
CH322-170M10	CHORI-322	2R	9392346	9412340
CH322-170M11	CHORI-322	2R	18464126	18486035
CH322-170M12	CHORI-322	ArmU	150929	170901
CH322-170M13	CHORI-322	2L	2592663	2614837
CH322-170M14	CHORI-322	X	13636646	13658682
CH322-170M15	CHORI-322	X	6868537	6891060
CH322-170M16	CHORI-322	2R	11172197	11192517
CH322-170M17	CHORI-322	3R	13789863	13809327
CH322-170M18	CHORI-322	3L	10580665	10599480
CH322-170M19	CHORI-322	ArmU	270379	292432
CH322-170M21	CHORI-322	X	12688273	12706013
CH322-170M22	CHORI-322	X	9191634	9213693
CH322-170M23	CHORI-322	2L	1233103	1255414
CH322-170M24	CHORI-322	2L	2128967	2150596

CH322-170N01	CHORI-322	2L	8611242	8632314
CH322-170N06	CHORI-322	3LHet	1187765	1209908
CH322-170N09	CHORI-322	X	8219678	8238612
CH322-170N12	CHORI-322	2L	6907788	6928148
CH322-170N13	CHORI-322	2R	11311650	11332230
CH322-170N14	CHORI-322	3R	4558630	4579048
CH322-170N15	CHORI-322	2R	19795252	19815794
CH322-170N16	CHORI-322	2L	21898809	21916543
CH322-170N17	CHORI-322	3L	20048789	20070448
CH322-170N20	CHORI-322	2L	8309166	8327440
CH322-170N21	CHORI-322	2R	1267926	1284130
CH322-170N22	CHORI-322	3L	17257934	17277352
CH322-170N23	CHORI-322	X	16923134	16943096
CH322-170O03	CHORI-322	2L	9395119	9417881
CH322-170O05	CHORI-322	X	16788708	16809968
CH322-170O08	CHORI-322	3L	20742748	20763401
CH322-170O09	CHORI-322	2L	1364342	1384307
CH322-170O10	CHORI-322	2R	20460565	20483206
CH322-170O16	CHORI-322	X	5450898	5470787
CH322-170O17	CHORI-322	2L	10424603	10443411
CH322-170O18	CHORI-322	3L	18008256	18030385
CH322-170O19	CHORI-322	3L	19386138	19407251
CH322-170O20	CHORI-322	2L	12268077	12288036
CH322-170O21	CHORI-322	2L	18135105	18153965
CH322-170O22	CHORI-322	2R	16335955	16357611
CH322-170O23	CHORI-322	3R	10489514	10513038
CH322-170P02	CHORI-322	X	730427	749772
CH322-170P03	CHORI-322	2R	1120077	1140889
CH322-170P05	CHORI-322	2L	20235778	20256997
CH322-170P06	CHORI-322	2L	115152	135771
CH322-170P07	CHORI-322	3R	15854922	15874248
CH322-170P08	CHORI-322	3R	5644043	5666006
CH322-170P09	CHORI-322	3R	21310068	21329659
CH322-170P11	CHORI-322	3L	17686748	17706020
CH322-170P12	CHORI-322	X	19602922	19623078
CH322-170P13	CHORI-322	X	20760671	20781475
CH322-170P14	CHORI-322	ArmU	596866	618927
CH322-170P15	CHORI-322	2L	6977397	6999431
CH322-170P16	CHORI-322	3R	26484721	26507053
CH322-170P17	CHORI-322	2R	2373697	2391763
CH322-170P18	CHORI-322	3L	12342800	12363230
CH322-170P19	CHORI-322	2L	1063049	1083200
CH322-170P20	CHORI-322	3L	14734981	14758725
CH322-170P21	CHORI-322	3L	6838132	6859677
CH322-170P22	CHORI-322	3L	21212308	21231766
CH322-171A01	CHORI-322	2R	3937145	3958605
CH322-171A04	CHORI-322	3R	12389405	12413524
CH322-171A05	CHORI-322	3L	15863041	15881681
CH322-171A06	CHORI-322	3L	7154451	7174496
CH322-171A07	CHORI-322	3L	4274305	4294512
CH322-171A08	CHORI-322	3L	9535512	9557318
CH322-171A09	CHORI-322	3R	18772928	18794794
CH322-171A10	CHORI-322	3R	16247110	16267563
CH322-171A11	CHORI-322	X	20200169	20222208

CH322-171A12	CHORI-322	2R	12865172	12885156
CH322-171A13	CHORI-322	3R	8759540	8777892
CH322-171A15	CHORI-322	2R	5657432	5675076
CH322-171A16	CHORI-322	3L	17148592	17168450
CH322-171A18	CHORI-322	3R	2089956	2111668
CH322-171A19	CHORI-322	2LHet	252148	273847
CH322-171A21	CHORI-322	3L	21575843	21597664
CH322-171A22	CHORI-322	3R	24444103	24465533
CH322-171A23	CHORI-322	3L	20371898	20394029
CH322-171B01	CHORI-322	2R	9061628	9084496
CH322-171B02	CHORI-322	X	4557047	4579344
CH322-171B03	CHORI-322	2L	22891135	22909755
CH322-171B05	CHORI-322	3LHet	610066	630792
CH322-171B06	CHORI-322	X	20244171	20264714
CH322-171B07	CHORI-322	X	8676032	8696390
CH322-171B08	CHORI-322	2L	5649975	5669973
CH322-171B09	CHORI-322	3L	20499807	20521337
CH322-171B13	CHORI-322	X	19947616	19968508
CH322-171B17	CHORI-322	3R	7820342	7839989
CH322-171C01	CHORI-322	2L	7588340	7609504
CH322-171C02	CHORI-322	2R	19360986	19381055
CH322-171C03	CHORI-322	2L	11049818	11072401
CH322-171C04	CHORI-322	X	15527523	15550770
CH322-171C05	CHORI-322	2L	878421	898854
CH322-171C06	CHORI-322	2L	20888805	20907950
CH322-171C09	CHORI-322	X	12867608	12887742
CH322-171C10	CHORI-322	3L	22837937	22862343
CH322-171C11	CHORI-322	3R	3436758	3458029
CH322-171C13	CHORI-322	2L	6983718	7006612
CH322-171C14	CHORI-322	2L	4413625	4433727
CH322-171C17	CHORI-322	2L	11464838	11485531
CH322-171C18	CHORI-322	2R	17753752	17773893
CH322-171C19	CHORI-322	3R	3277858	3298100
CH322-171C22	CHORI-322	3L	20500196	20521339
CH322-171D02	CHORI-322	3R	6553019	6573546
CH322-171D03	CHORI-322	3L	20586780	20605397
CH322-171D04	CHORI-322	2L	5398950	5418754
CH322-171D05	CHORI-322	X	20750460	20772417
CH322-171D06	CHORI-322	2L	8803672	8823596
CH322-171D07	CHORI-322	3L	17685573	17706902
CH322-171D08	CHORI-322	2L	8260775	8284142
CH322-171D10	CHORI-322	2R	16467133	16489026
CH322-171D11	CHORI-322	2L	9897810	9917262
CH322-171D14	CHORI-322	3R	776670	796984
CH322-171D17	CHORI-322	3R	10826214	10845836
CH322-171D18	CHORI-322	3R	25249882	25272997
CH322-171D21	CHORI-322	3R	3690170	3710853
CH322-171D23	CHORI-322	3R	27759939	27780483
CH322-171E01	CHORI-322	2L	2710085	2730418
CH322-171E02	CHORI-322	2R	9065638	9087114
CH322-171E03	CHORI-322	3R	9017447	9039862
CH322-171E04	CHORI-322	3L	22337847	22357193
CH322-171E05	CHORI-322	3RHet	421584	440945
CH322-171E07	CHORI-322	3R	5522079	5543998

CH322-171E08	CHORI-322	2L	15161373	15181895
CH322-171E09	CHORI-322	3R	22228246	22250573
CH322-171E10	CHORI-322	3L	24325565	24345691
CH322-171E12	CHORI-322	3R	7174428	7194813
CH322-171E14	CHORI-322	3R	7516466	7537547
CH322-171E15	CHORI-322	3L	7414049	7433759
CH322-171E16	CHORI-322	2L	4712878	4733838
CH322-171E17	CHORI-322	2L	48540 69105	
CH322-171E23	CHORI-322	2L	5143493	5165553
CH322-171F01	CHORI-322	2R	7048525	7068884
CH322-171F03	CHORI-322	3R	10397042	10416642
CH322-171F04	CHORI-322	2L	3867424	3887326
CH322-171F08	CHORI-322	2R	11611410	11632910
CH322-171F11	CHORI-322	2L	6023167	6043593
CH322-171F13	CHORI-322	2R	18057152	18079418
CH322-171F14	CHORI-322	3L	17139101	17159524
CH322-171F15	CHORI-322	2L	9627340	9647357
CH322-171F18	CHORI-322	X	5678012	5697815
CH322-171F19	CHORI-322	2L	17561948	17580736
CH322-171F21	CHORI-322	3R	18037696	18058214
CH322-171F23	CHORI-322	X	13972260	13992178
CH322-171G01	CHORI-322	2L	13143157	13163387
CH322-171G03	CHORI-322	X	5480635	5500776
CH322-171G04	CHORI-322	3L	18140819	18162100
CH322-171G05	CHORI-322	2R	6841053	6863772
CH322-171G06	CHORI-322	2R	12061894	12084636
CH322-171G08	CHORI-322	2L	1638871	1658631
CH322-171G11	CHORI-322	2L	15030388	15050120
CH322-171G12	CHORI-322	2L	19547077	19568623
CH322-171G13	CHORI-322	3R	1841524	1863943
CH322-171G14	CHORI-322	2L	20129176	20148790
CH322-171G16	CHORI-322	X	18025966	18047005
CH322-171G18	CHORI-322	2R	20171562	20193179
CH322-171G19	CHORI-322	X	10316353	10337774
CH322-171G20	CHORI-322	2LHet	256476	276272
CH322-171G22	CHORI-322	3R	21850021	21873524
CH322-171G23	CHORI-322	3R	20448030	20468615
CH322-171H01	CHORI-322	3L	6455677	6477863
CH322-171H02	CHORI-322	2R	4178460	4200918
CH322-171H03	CHORI-322	3L	19580167	19599935
CH322-171H04	CHORI-322	2L	15213671	15236570
CH322-171H06	CHORI-322	2L	11406447	11426295
CH322-171H07	CHORI-322	3R	25431294	25452798
CH322-171H08	CHORI-322	3L	11982688	12003830
CH322-171H11	CHORI-322	3L	21921346	21941024
CH322-171H12	CHORI-322	3R	4244257	4264142
CH322-171H14	CHORI-322	2L	9601129	9620758
CH322-171H16	CHORI-322	2L	1925582	1945407
CH322-171H18	CHORI-322	2L	599827	617854
CH322-171H19	CHORI-322	2L	5318090	5340253
CH322-171H20	CHORI-322	3R	11691180	11713420
CH322-171H24	CHORI-322	3L	22886670	22907644
CH322-171I01	CHORI-322	3R	10219052	10237656
CH322-171I02	CHORI-322	2L	7756680	7779379

CH322-171I04	CHORI-322	2L	10451942	10472184
CH322-171I05	CHORI-322	2L	3759818	3782088
CH322-171I06	CHORI-322	3L	15483792	15505507
CH322-171I08	CHORI-322	2R	18719989	18738757
CH322-171I09	CHORI-322	X	4986128	5006933
CH322-171I13	CHORI-322	3L	9227579	9245206
CH322-171I14	CHORI-322	3R	2562312	2583409
CH322-171I15	CHORI-322	2L	13069054	13088500
CH322-171I19	CHORI-322	3R	1092445	1114120
CH322-171I20	CHORI-322	3R	10048031	10068032
CH322-171J02	CHORI-322	3L	2401645	2420976
CH322-171J04	CHORI-322	X	5432873	5455763
CH322-171J05	CHORI-322	X	9866306	9887120
CH322-171J06	CHORI-322	2R	7650462	7673456
CH322-171J07	CHORI-322	X	17920583	17941078
CH322-171J12	CHORI-322	2R	5211859	5233089
CH322-171J15	CHORI-322	2L	15759001	15781941
CH322-171J16	CHORI-322	3L	4985837	5005397
CH322-171J17	CHORI-322	2R	2439239	2461068
CH322-171J19	CHORI-322	3L	9973448	9993490
CH322-171J20	CHORI-322	2R	14420705	14441835
CH322-171J21	CHORI-322	2L	13937124	13957762
CH322-171K01	CHORI-322	X	10529144	10551316
CH322-171K02	CHORI-322	2R	17957052	17976696
CH322-171K03	CHORI-322	2R	4565059	4588627
CH322-171K04	CHORI-322	X	12393403	12413533
CH322-171K05	CHORI-322	2R	3479249	3504435
CH322-171K06	CHORI-322	3L	1320782	1340767
CH322-171K07	CHORI-322	2L	12235626	12257301
CH322-171K08	CHORI-322	3L	18080472	18103094
CH322-171K09	CHORI-322	3L	9365822	9383932
CH322-171K10	CHORI-322	2R	12673516	12696155
CH322-171K11	CHORI-322	3L	12740656	12760948
CH322-171K14	CHORI-322	2R	11463442	11482548
CH322-171K16	CHORI-322	3R	8223520	8244273
CH322-171K17	CHORI-322	3R	19940041	19960603
CH322-171K19	CHORI-322	X	3559661	3579229
CH322-171K20	CHORI-322	2L	16703659	16724116
CH322-171K22	CHORI-322	3L	21991154	22011299
CH322-171K23	CHORI-322	2R	3502988	3524615
CH322-171L03	CHORI-322	X	1291238	1312149
CH322-171L04	CHORI-322	2L	17610548	17631129
CH322-171L05	CHORI-322	X	11590648	11610947
CH322-171L06	CHORI-322	3L	12024756	12044289
CH322-171L08	CHORI-322	3LHet	685856	705771
CH322-171L09	CHORI-322	3L	17607744	17629843
CH322-171L11	CHORI-322	X	19160366	19181790
CH322-171L12	CHORI-322	2L	19586447	19608908
CH322-171L13	CHORI-322	2L	14237182	14259745
CH322-171L14	CHORI-322	2L	10736457	10758556
CH322-171L16	CHORI-322	2R	13662891	13685737
CH322-171L17	CHORI-322	2R	20982720	21002400
CH322-171L19	CHORI-322	2L	3375705	3397108
CH322-171L20	CHORI-322	3R	27687017	27707666

CH322-171L24	CHORI-322	2L	21814076	21837080
CH322-171M01	CHORI-322	X	9545283	9568439
CH322-171M02	CHORI-322	X	20744091	20765940
CH322-171M03	CHORI-322	3R	19554779	19574564
CH322-171M04	CHORI-322	3L	20374174	20393381
CH322-171M05	CHORI-322	2R	19098266	19119803
CH322-171M09	CHORI-322	X	16309703	16330126
CH322-171M12	CHORI-322	3R	7971473	7992266
CH322-171M19	CHORI-322	3L	20539948	20558212
CH322-171M23	CHORI-322	2L	8583965	8605032
CH322-171M24	CHORI-322	3R	20099205	20118623
CH322-171N01	CHORI-322	3R	4329786	4349926
CH322-171N02	CHORI-322	2R	1907497	1929174
CH322-171N04	CHORI-322	3R	10296263	10315948
CH322-171N06	CHORI-322	3R	17959306	17979334
CH322-171N07	CHORI-322	2R	4132669	4153362
CH322-171N09	CHORI-322	3L	3667252	3686237
CH322-171N10	CHORI-322	3L	3617783	3636435
CH322-171N11	CHORI-322	X	13395296	13417171
CH322-171N12	CHORI-322	2R	11724907	11744384
CH322-171N15	CHORI-322	2R	4463260	4483095
CH322-171N17	CHORI-322	X	10991446	11010890
CH322-171O01	CHORI-322	X	13343697	13363524
CH322-171O02	CHORI-322	3R	16505437	16526518
CH322-171O03	CHORI-322	3L	17602704	17621865
CH322-171O04	CHORI-322	3L	17337068	17358516
CH322-171O05	CHORI-322	2R	11311703	11330730
CH322-171O06	CHORI-322	2R	13792488	13811701
CH322-171O07	CHORI-322	3R	9711498	9729902
CH322-171O08	CHORI-322	3L	20131372	20151788
CH322-171O09	CHORI-322	3L	5058066	5080160
CH322-171O11	CHORI-322	2R	8287385	8309409
CH322-171O12	CHORI-322	2R	17725607	17746164
CH322-171O13	CHORI-322	3R	11290315	11310001
CH322-171O16	CHORI-322	3L	20701555	20722092
CH322-171O17	CHORI-322	2L	13694515	13716082
CH322-171O18	CHORI-322	3R	6762005	6786382
CH322-171O21	CHORI-322	X	10921336	10940570
CH322-171O22	CHORI-322	2L	6048245	6070521
CH322-171O23	CHORI-322	3R	15828100	15847237
CH322-171P01	CHORI-322	X	11194584	11215946
CH322-171P02	CHORI-322	2R	2603741	2624539
CH322-171P04	CHORI-322	3L	5315072	5337452
CH322-171P05	CHORI-322	2L	21036064	21057711
CH322-171P06	CHORI-322	3L	12705673	12728311
CH322-171P07	CHORI-322	3R	15406789	15424775
CH322-171P08	CHORI-322	3R	13482255	13503473
CH322-171P09	CHORI-322	X	5144047	5166235
CH322-171P10	CHORI-322	3R	1317728	1337943
CH322-171P12	CHORI-322	3L	8300753	8320046
CH322-171P15	CHORI-322	2R	15736331	15757002
CH322-171P16	CHORI-322	3L	8690654	8710118
CH322-171P17	CHORI-322	X	12096124	12118435
CH322-171P18	CHORI-322	X	2237267	2258604

CH322-171P19	CHORI-322	2L	4599075	4619764
CH322-171P21	CHORI-322	X	10862161	10880269
CH322-171P22	CHORI-322	2R	8143059	8163757
CH322-172A02	CHORI-322	2R	14154115	14176650
CH322-172A04	CHORI-322	2L	5000314	5022980
CH322-172A06	CHORI-322	3R	22631945	22650292
CH322-172A07	CHORI-322	X	20362796	20384145
CH322-172A09	CHORI-322	3L	5266700	5287992
CH322-172A11	CHORI-322	3R	5522748	5542039
CH322-172A12	CHORI-322	3L	20233965	20254047
CH322-172A13	CHORI-322	2L	4442554	4463944
CH322-172A15	CHORI-322	2R	8137276	8156777
CH322-172A16	CHORI-322	3L	14214705	14234253
CH322-172A18	CHORI-322	2L	22272574	22295646
CH322-172A22	CHORI-322	2L	10015303	10035952
CH322-172A23	CHORI-322	3L	13147800	13166689
CH322-172A24	CHORI-322	2R	7381518	7400882
CH322-172B02	CHORI-322	X	12675898	12696270
CH322-172B03	CHORI-322	2L	10888768	10906403
CH322-172B04	CHORI-322	2L	21274874	21296000
CH322-172B06	CHORI-322	3R	17268058	17287913
CH322-172B09	CHORI-322	2R	14672516	14694485
CH322-172B21	CHORI-322	3R	17483243	17504508
CH322-172B23	CHORI-322	3R	22593898	22614031
CH322-172B24	CHORI-322	3R	12983006	13003474
CH322-172C01	CHORI-322	2L	12684923	12707049
CH322-172C03	CHORI-322	2L	4525918	4546333
CH322-172C11	CHORI-322	2R	9488776	9509896
CH322-172C12	CHORI-322	3L	9992674	10012193
CH322-172C15	CHORI-322	3R	12878561	12902834
CH322-172C16	CHORI-322	2L	22686073	22703981
CH322-172C17	CHORI-322	3L	558753	579041
CH322-172C19	CHORI-322	3L	9540932	9562267
CH322-172C22	CHORI-322	3L	1115428	1137694
CH322-172C23	CHORI-322	3L	6633591	6651727
CH322-172C24	CHORI-322	3L	24258258	24278140
CH322-172D01	CHORI-322	2L	10917981	10938409
CH322-172D02	CHORI-322	2L	10654454	10675582
CH322-172D05	CHORI-322	2R	6480644	6500334
CH322-172D06	CHORI-322	2R	14759303	14778806
CH322-172D09	CHORI-322	3L	9097116	9116207
CH322-172D17	CHORI-322	3R	14452915	14474608
CH322-172D18	CHORI-322	2L	2874029	2893993
CH322-172D21	CHORI-322	2R	14539067	14560457
CH322-172D23	CHORI-322	X	18686309	18708805
CH322-172E03	CHORI-322	3R	21451463	21472182
CH322-172E04	CHORI-322	2L	2785861	2807320
CH322-172E10	CHORI-322	2L	10400454	10422472
CH322-172E16	CHORI-322	2R	17200760	17223140
CH322-172E20	CHORI-322	3L	10791443	10811353
CH322-172E21	CHORI-322	2R	17605963	17625236
CH322-172E22	CHORI-322	2R	18803598	18825635
CH322-172F01	CHORI-322	2R	547016	566419
CH322-172F02	CHORI-322	X	12249085	12270421

CH322-172F08	CHORI-322	3R	7949217	7967907
CH322-172F10	CHORI-322	2RHet	4432	26623
CH322-172F13	CHORI-322	2R	3016976	3039058
CH322-172F15	CHORI-322	3L	20668804	20689264
CH322-172F16	CHORI-322	3R	27640848	27662618
CH322-172F20	CHORI-322	3R	12359587	12380392
CH322-172F21	CHORI-322	3R	14642251	14662107
CH322-172F22	CHORI-322	3R	5514213	5535093
CH322-172F23	CHORI-322	X	5682340	5703844
CH322-172G01	CHORI-322	3L	9407484	9427768
CH322-172G02	CHORI-322	2R	4207676	4228701
CH322-172G03	CHORI-322	3R	6758553	6776479
CH322-172G05	CHORI-322	3R	10571881	10593857
CH322-172G07	CHORI-322	3R	18674284	18696606
CH322-172G08	CHORI-322	2R	2475223	2497031
CH322-172G11	CHORI-322	2R	3110706	3131436
CH322-172G13	CHORI-322	2R	15739474	15758174
CH322-172G16	CHORI-322	2L	4522547	4547179
CH322-172G17	CHORI-322	2L	20230574	20249787
CH322-172G22	CHORI-322	3R	23091821	23113598
CH322-172G23	CHORI-322	3R	8423832	8442764
CH322-172G24	CHORI-322	2R	8915081	8935830
CH322-172H01	CHORI-322	3R	889722	910608
CH322-172H02	CHORI-322	3L	18289451	18308361
CH322-172H03	CHORI-322	3L	23980058	24001954
CH322-172H14	CHORI-322	3L	1627331	1650993
CH322-172H15	CHORI-322	3R	18161197	18182733
CH322-172H20	CHORI-322	3L	9173830	9192890
CH322-172H21	CHORI-322	X	1535194	1558232
CH322-172H22	CHORI-322	X	10460413	10480013
CH322-172H24	CHORI-322	2R	20932864	20953368
CH322-172I02	CHORI-322	2L	8711405	8733542
CH322-172I03	CHORI-322	3R	6799726	6822433
CH322-172I06	CHORI-322	3L	13642746	13665577
CH322-172I08	CHORI-322	2R	6326802	6347144
CH322-172I11	CHORI-322	3R	23320523	23341308
CH322-172I12	CHORI-322	3R	11698583	11719530
CH322-172I16	CHORI-322	3L	8733032	8752288
CH322-172I18	CHORI-322	3R	8857154	8878379
CH322-172I21	CHORI-322	3RHet	2468476	2489503
CH322-172I22	CHORI-322	3L	13270895	13288449
CH322-172I23	CHORI-322	3L	17251727	17271632
CH322-172I24	CHORI-322	3R	9271368	9291479
CH322-172J02	CHORI-322	2R	4282995	4302600
CH322-172J03	CHORI-322	2RHet	2886413	2904826
CH322-172J04	CHORI-322	3L	17691886	17712708
CH322-172J11	CHORI-322	2R	6625701	6645897
CH322-172J18	CHORI-322	3L	592857	613393
CH322-172J19	CHORI-322	2L	8276440	8298186
CH322-172J22	CHORI-322	3R	26433097	26453328
CH322-172J24	CHORI-322	3L	16996068	17017881
CH322-172K01	CHORI-322	X	4980277	5002158
CH322-172K02	CHORI-322	3R	24171025	24191654
CH322-172K03	CHORI-322	3R	10097896	10120249

CH322-172K04	CHORI-322	3R	17864181	17884244
CH322-172K06	CHORI-322	X	7192348	7211522
CH322-172K18	CHORI-322	2L	6584005	6606445
CH322-172K20	CHORI-322	3L	22503767	22525488
CH322-172K21	CHORI-322	3R	23673906	23693705
CH322-172K22	CHORI-322	2L	5747482	5766057
CH322-172K23	CHORI-322	3L	6059126	6081872
CH322-172L03	CHORI-322	3R	27226377	27246733
CH322-172L06	CHORI-322	3L	13204458	13223421
CH322-172L07	CHORI-322	3L	8899384	8923497
CH322-172L08	CHORI-322	2L	5159634	5180354
CH322-172L15	CHORI-322	2L	11118395	11141048
CH322-172L20	CHORI-322	2L	12377523	12397965
CH322-172L21	CHORI-322	X	5048056	5070264
CH322-172L22	CHORI-322	2RHet	2133347	2153589
CH322-172M01	CHORI-322	3L	11729025	11746758
CH322-172M03	CHORI-322	X	13619967	13640344
CH322-172M06	CHORI-322	2L	16803506	16823055
CH322-172M07	CHORI-322	2R	8376091	8397702
CH322-172M12	CHORI-322	3L	2330929	2352588
CH322-172M13	CHORI-322	2L	12793847	12813299
CH322-172M14	CHORI-322	3L	18010591	18031178
CH322-172M15	CHORI-322	X	9732652	9752334
CH322-172M18	CHORI-322	X	7975318	7993252
CH322-172M20	CHORI-322	3R	12215426	12237594
CH322-172M21	CHORI-322	2R	7665399	7685291
CH322-172M22	CHORI-322	2L	17924058	17943865
CH322-172N01	CHORI-322	X	17154718	17176120
CH322-172N02	CHORI-322	2R	6086494	6105717
CH322-172N04	CHORI-322	3R	24495118	24516392
CH322-172N05	CHORI-322	3R	8124095	8145514
CH322-172N06	CHORI-322	3R	1468360	1488666
CH322-172N08	CHORI-322	2L	4859797	4880006
CH322-172N09	CHORI-322	2L	9526908	9550267
CH322-172N12	CHORI-322	2R	8762762	8784597
CH322-172N15	CHORI-322	2R	4680813	4700956
CH322-172N21	CHORI-322	3L	18352651	18373014
CH322-172N23	CHORI-322	2R	20439706	20459865
CH322-172O02	CHORI-322	2R	13457292	13477360
CH322-172O04	CHORI-322	3R	21559260	21580526
CH322-172O05	CHORI-322	2R	14913900	14935365
CH322-172O08	CHORI-322	X	9070144	9089884
CH322-172O09	CHORI-322	2RHet	1622416	1641997
CH322-172O11	CHORI-322	2R	3289177	3310835
CH322-172O12	CHORI-322	2R	4059790	4082080
CH322-172O13	CHORI-322	2R	147860	170334
CH322-172O14	CHORI-322	3L	8026229	8044509
CH322-172O15	CHORI-322	3R	13297126	13320993
CH322-172O16	CHORI-322	X	9386805	9405729
CH322-172O17	CHORI-322	2R	10999821	11020015
CH322-172O18	CHORI-322	3L	4964930	4987315
CH322-172O19	CHORI-322	X	9872582	9893153
CH322-172O20	CHORI-322	2L	21746827	21769269
CH322-172O24	CHORI-322	X	7582140	7601691

CH322-172P04	CHORI-322	3R	13570210	13592245
CH322-172P06	CHORI-322	3RHet	856116	875216
CH322-172P07	CHORI-322	3L	1033661	1053169
CH322-172P08	CHORI-322	3R	5019338	5040078
CH322-172P09	CHORI-322	2L	9679688	9701757
CH322-172P10	CHORI-322	3L	1005463	1025422
CH322-172P12	CHORI-322	3L	7691856	7713690
CH322-172P17	CHORI-322	2L	969440	990066
CH322-172P18	CHORI-322	2L	17029217	17051531
CH322-172P20	CHORI-322	2R	15082844	15105961
CH322-172P22	CHORI-322	2R	21078057	21096511
CH322-172P23	CHORI-322	X	11057031	11076402
CH322-172P24	CHORI-322	3LHet	188923	209272
CH322-173A01	CHORI-322	2R	18903726	18921612
CH322-173A02	CHORI-322	3R	6533310	6556385
CH322-173A05	CHORI-322	3L	5196808	5219188
CH322-173A07	CHORI-322	3L	23606206	23626250
CH322-173A09	CHORI-322	3L	15442718	15464781
CH322-173A10	CHORI-322	3R	14328097	14348320
CH322-173A11	CHORI-322	X	616148	635316
CH322-173A12	CHORI-322	2L	12213933	12235629
CH322-173A15	CHORI-322	2L	21684866	21703936
CH322-173A16	CHORI-322	2L	14139437	14161219
CH322-173A17	CHORI-322	3L	20173495	20196577
CH322-173A19	CHORI-322	2L	20275674	20297249
CH322-173A20	CHORI-322	X	9927150	9946558
CH322-173A21	CHORI-322	3R	8795770	8818469
CH322-173A22	CHORI-322	3R	26338260	26358675
CH322-173A23	CHORI-322	3L	21367435	21386590
CH322-173B01	CHORI-322	X	8949092	8970371
CH322-173B07	CHORI-322	3L	20812180	20830804
CH322-173B11	CHORI-322	2L	15760572	15781162
CH322-173B12	CHORI-322	3R	16026774	16046511
CH322-173B13	CHORI-322	2R	16616578	16635414
CH322-173B15	CHORI-322	3L	9523905	9546856
CH322-173B16	CHORI-322	X	12417310	12436457
CH322-173B18	CHORI-322	2L	9157987	9177161
CH322-173C01	CHORI-322	2R	14126918	14146461
CH322-173C02	CHORI-322	3R	14145069	14164010
CH322-173C03	CHORI-322	3L	19274585	19296961
CH322-173C04	CHORI-322	3R	19717721	19736455
CH322-173C05	CHORI-322	3L	13290621	13311320
CH322-173C06	CHORI-322	2R	19030844	19050608
CH322-173C13	CHORI-322	3L	23305900	23324052
CH322-173C14	CHORI-322	2L	4358360	4379977
CH322-173C15	CHORI-322	3R	27264223	27286506
CH322-173C16	CHORI-322	X	2940069	2961430
CH322-173C18	CHORI-322	3R	4508274	4530754
CH322-173C19	CHORI-322	2RHet	1576331	1598099
CH322-173C21	CHORI-322	X	19681592	19701891
CH322-173C22	CHORI-322	3L	1851393	1870187
CH322-173C24	CHORI-322	X	6534620	6555058
CH322-173D01	CHORI-322	3R	12615131	12635123
CH322-173D04	CHORI-322	2L	13426459	13448309

CH322-173D05	CHORI-322	2R	7727810	7749934
CH322-173D14	CHORI-322	3R	23285659	23305572
CH322-173D16	CHORI-322	2RHet	755696	778105
CH322-173D17	CHORI-322	X	1027801	1049581
CH322-173D18	CHORI-322	3L	14824054	14844941
CH322-173D19	CHORI-322	3L	9148322	9169397
CH322-173D20	CHORI-322	3R	10484246	10506712
CH322-173D22	CHORI-322	3R	16134008	16155031
CH322-173D23	CHORI-322	3L	7837781	7859468
CH322-173E01	CHORI-322	3R	23572231	23597072
CH322-173E03	CHORI-322	2R	17553880	17573057
CH322-173E04	CHORI-322	2L	10036602	10058646
CH322-173E06	CHORI-322	2R	16988167	17012204
CH322-173E07	CHORI-322	3R	11011219	11028963
CH322-173E08	CHORI-322	3L	20051310	20071622
CH322-173E15	CHORI-322	3L	12244493	12261922
CH322-173E16	CHORI-322	2L	12981090	13004102
CH322-173E17	CHORI-322	3L	21310950	21332237
CH322-173E18	CHORI-322	3R	22776932	22795663
CH322-173E19	CHORI-322	2R	16988167	17007682
CH322-173E23	CHORI-322	3L	3708447	3728278
CH322-173E24	CHORI-322	2R	13178199	13198916
CH322-173F03	CHORI-322	2R	12420682	12442581
CH322-173F04	CHORI-322	3RHet	1424307	1441455
CH322-173F05	CHORI-322	2R	12782678	12798280
CH322-173F07	CHORI-322	2R	7685063	7704077
CH322-173F09	CHORI-322	3L	13741607	13762525
CH322-173F12	CHORI-322	2R	12975705	12994044
CH322-173F15	CHORI-322	3R	26232591	26252537
CH322-173F16	CHORI-322	2R	2787797	2810248
CH322-173F18	CHORI-322	2R	5627347	5652265
CH322-173F19	CHORI-322	2R	8926884	8948140
CH322-173F20	CHORI-322	3L	5151343	5171958
CH322-173F21	CHORI-322	2R	19015687	19036893
CH322-173G01	CHORI-322	2R	1863225	1884551
CH322-173G02	CHORI-322	2L	5076058	5094262
CH322-173G03	CHORI-322	X	12331761	12350464
CH322-173G06	CHORI-322	4	884952	905660
CH322-173G11	CHORI-322	2L	3254392	3273104
CH322-173G12	CHORI-322	3R	2597286	2619128
CH322-173G14	CHORI-322	3R	14260286	14279299
CH322-173G15	CHORI-322	3L	5181689	5202984
CH322-173G16	CHORI-322	2L	3985954	4005074
CH322-173G17	CHORI-322	2R	10977733	10999824
CH322-173G18	CHORI-322	2R	5088754	5107903
CH322-173G21	CHORI-322	X	5234573	5254113
CH322-173G23	CHORI-322	2R	18728115	18749643
CH322-173H01	CHORI-322	2R	4545589	4567566
CH322-173H03	CHORI-322	X	9427433	9445741
CH322-173H06	CHORI-322	2R	14812944	14835003
CH322-173H07	CHORI-322	3R	12278281	12299958
CH322-173H08	CHORI-322	3R	24501852	24522717
CH322-173H11	CHORI-322	2L	19360941	19380406
CH322-173H15	CHORI-322	3R	2279742	2299654

CH322-173H16	CHORI-322	2R	10092912	10113793
CH322-173H19	CHORI-322	2L	13668962	13687531
CH322-173H20	CHORI-322	3L	17678342	17701381
CH322-173H23	CHORI-322	3L	12158952	12179846
CH322-173H24	CHORI-322	2R	12766286	12783847
CH322-173I04	CHORI-322	3L	18841211	18862628
CH322-173I05	CHORI-322	3R	8591701	8614422
CH322-173I07	CHORI-322	3R	2655419	2677236
CH322-173I08	CHORI-322	2L	14744555	14766908
CH322-173I09	CHORI-322	X	9626156	9646020
CH322-173I11	CHORI-322	2R	15034823	15056451
CH322-173I13	CHORI-322	X	12135337	12154014
CH322-173I15	CHORI-322	2R	5156141	5175782
CH322-173I16	CHORI-322	X	17478014	17499273
CH322-173I18	CHORI-322	2R	5659620	5681018
CH322-173I20	CHORI-322	2L	6886673	6908832
CH322-173I21	CHORI-322	X	5808270	5828299
CH322-173I23	CHORI-322	3R	25167442	25188747
CH322-173I24	CHORI-322	2R	13623592	13644513
CH322-173J01	CHORI-322	X	4125007	4146498
CH322-173J02	CHORI-322	2R	6476680	6500330
CH322-173J06	CHORI-322	2L	1704374	1725413
CH322-173J08	CHORI-322	3R	13304556	13325422
CH322-173J11	CHORI-322	3R	21266414	21286381
CH322-173J15	CHORI-322	3R	25978436	25999253
CH322-173J16	CHORI-322	X	4003749	4024209
CH322-173J18	CHORI-322	3L	15523518	15543356
CH322-173J19	CHORI-322	2L	12407440	12427273
CH322-173J20	CHORI-322	3R	27184237	27205234
CH322-173J21	CHORI-322	2L	12311242	12330273
CH322-173J22	CHORI-322	2R	12694334	12713534
CH322-173K01	CHORI-322	3R	12329541	12349911
CH322-173K03	CHORI-322	X	19462279	19483858
CH322-173K04	CHORI-322	3R	27687534	27707664
CH322-173K05	CHORI-322	3L	3147317	3167385
CH322-173K08	CHORI-322	X	15851994	15872132
CH322-173K11	CHORI-322	3R	8006092	8024320
CH322-173K13	CHORI-322	2R	19771306	19795424
CH322-173K14	CHORI-322	3L	10060693	10081278
CH322-173K15	CHORI-322	3R	22670777	22692261
CH322-173K16	CHORI-322	3L	22505097	22526487
CH322-173K19	CHORI-322	X	11609815	11628596
CH322-173K20	CHORI-322	2L	9255958	9275821
CH322-173K23	CHORI-322	3R	1084030	1102706
CH322-173K24	CHORI-322	2L	18540677	18560882
CH322-173L01	CHORI-322	X	17235827	17254454
CH322-173L02	CHORI-322	2R	19143175	19164489
CH322-173L03	CHORI-322	X	18342283	18365569
CH322-173L07	CHORI-322	3L	16312801	16334837
CH322-173L08	CHORI-322	3R	21678740	21700294
CH322-173L13	CHORI-322	2R	4030128	4048482
CH322-173L18	CHORI-322	2L	109443	132723
CH322-173L19	CHORI-322	3L	24504515	24523051
CH322-173L20	CHORI-322	2L	9430033	9450367

CH322-173L22	CHORI-322	X	6198929	6219204
CH322-173M01	CHORI-322	3L	9916832	9938211
CH322-173M02	CHORI-322	2R	6909981	6930792
CH322-173M03	CHORI-322	2R	10719552	10739566
CH322-173M04	CHORI-322	2L	16916146	16935876
CH322-173M08	CHORI-322	3R	7839236	7858540
CH322-173M10	CHORI-322	2R	16531108	16553001
CH322-173M11	CHORI-322	X	11885690	11902896
CH322-173M12	CHORI-322	X	13807357	13828041
CH322-173M13	CHORI-322	3R	20630274	20650667
CH322-173M16	CHORI-322	X	11735440	11755616
CH322-173M17	CHORI-322	2LHet	245412	265905
CH322-173M19	CHORI-322	2R	2645835	2667312
CH322-173N08	CHORI-322	2R	20910149	20931359
CH322-173N09	CHORI-322	3L	6462876	6485102
CH322-173N11	CHORI-322	X	21638690	21658772
CH322-173N12	CHORI-322	2R	19863486	19885224
CH322-173N13	CHORI-322	3L	4927333	4950768
CH322-173N16	CHORI-322	2L	12754180	12775987
CH322-173N19	CHORI-322	X	1751130	1770816
CH322-173O04	CHORI-322	2L	19466139	19486832
CH322-173O07	CHORI-322	2L	12879961	12901823
CH322-173O13	CHORI-322	2R	20666772	20687235
CH322-173O15	CHORI-322	2L	7361273	7383362
CH322-173O18	CHORI-322	3L	3419150	3439235
CH322-173O19	CHORI-322	2R	7435427	7454731
CH322-173O21	CHORI-322	3L	2231452	2253681
CH322-173O23	CHORI-322	2L	10981131	11001400
CH322-173P02	CHORI-322	3L	11880724	11900000
CH322-173P07	CHORI-322	2R	18266622	18288367
CH322-173P08	CHORI-322	3L	13304696	13323162
CH322-173P11	CHORI-322	2R	15219331	15239955
CH322-173P12	CHORI-322	2R	15193528	15213384
CH322-173P14	CHORI-322	2R	14048622	14071005
CH322-173P15	CHORI-322	2R	14291044	14311776
CH322-173P23	CHORI-322	3R	20231608	20254035
CH322-174A02	CHORI-322	3R	3697561	3716702
CH322-174A19	CHORI-322	2L	12841339	12866826
CH322-174B01	CHORI-322	2R	19597767	19618925
CH322-174B02	CHORI-322	3L	15861231	15881699
CH322-174B03	CHORI-322	2RHet	1699247	1719500
CH322-174B09	CHORI-322	3R	12601690	12623083
CH322-174B11	CHORI-322	X	20845405	20867597
CH322-174C02	CHORI-322	3L	18012551	18031407
CH322-174C04	CHORI-322	2R	6680046	6700549
CH322-174C09	CHORI-322	X	19990993	20011599
CH322-174C10	CHORI-322	2L	8821161	8841601
CH322-174C11	CHORI-322	2L	18301555	18321260
CH322-174C12	CHORI-322	2R	11532117	11556118
CH322-174C13	CHORI-322	2L	2416283	2437609
CH322-174C15	CHORI-322	2L	10985554	11003900
CH322-174C16	CHORI-322	X	6057819	6077220
CH322-174C18	CHORI-322	2L	17535859	17554666
CH322-174D02	CHORI-322	2L	2046618	2068204

CH322-174D03	CHORI-322	3R	844338	864653
CH322-174D08	CHORI-322	3R	4276872	4297645
CH322-174D09	CHORI-322	X	3766107	3790655
CH322-174D10	CHORI-322	3LHet	154884	170487
CH322-174D13	CHORI-322	3L	15403417	15425455
CH322-174D14	CHORI-322	2R	15288093	15307633
CH322-174D15	CHORI-322	3L	8863265	8883936
CH322-174D18	CHORI-322	2L	20253020	20272458
CH322-174D19	CHORI-322	2L	1832058	1852083
CH322-174D20	CHORI-322	X	5441794	5463015
CH322-174E05	CHORI-322	2L	6304307	6325964
CH322-174E07	CHORI-322	3RHet	1216742	1238311
CH322-174E09	CHORI-322	2L	18134261	18154872
CH322-174E10	CHORI-322	2L	12516577	12539965
CH322-174E11	CHORI-322	2R	19030034	19050903
CH322-174E12	CHORI-322	3R	5004223	5021982
CH322-174E15	CHORI-322	3R	6131342	6152421
CH322-174E16	CHORI-322	2R	8327194	8349909
CH322-174E18	CHORI-322	2R	7767266	7787556
CH322-174E20	CHORI-322	2R	20875256	20896888
CH322-174F04	CHORI-322	2R	13644894	13666207
CH322-174F05	CHORI-322	2R	3428541	3452067
CH322-174F08	CHORI-322	2L	3228380	3250858
CH322-174F09	CHORI-322	2L	308612	331848
CH322-174F10	CHORI-322	3L	20699577	20722048
CH322-174F11	CHORI-322	2R	20124980	20145373
CH322-174F14	CHORI-322	4	783370	805184
CH322-174F15	CHORI-322	2R	4650499	4668690
CH322-174F19	CHORI-322	3L	10837661	10860434
CH322-174G02	CHORI-322	2L	17870590	17892864
CH322-174G03	CHORI-322	3R	19777170	19801099
CH322-174G05	CHORI-322	2R	18585016	18603983
CH322-174G09	CHORI-322	3R	5702848	5726035
CH322-174G10	CHORI-322	3R	3679888	3700812
CH322-174G11	CHORI-322	3RHet	884005	905037
CH322-174G12	CHORI-322	3L	23327193	23346176
CH322-174G13	CHORI-322	2L	17788492	17809267
CH322-174G15	CHORI-322	2L	18610599	18631920
CH322-174G16	CHORI-322	3L	9346074	9365300
CH322-174G17	CHORI-322	3R	20910661	20931501
CH322-174G18	CHORI-322	3R	11983065	12002867
CH322-174G19	CHORI-322	2R	8990776	9011097
CH322-174G20	CHORI-322	3R	24209823	24229486
CH322-174G21	CHORI-322	2R	7725431	7745575
CH322-174H03	CHORI-322	3R	9172412	9191980
CH322-174H05	CHORI-322	ArmU	1233382	1255438
CH322-174H08	CHORI-322	2R	20339994	20361548
CH322-174H10	CHORI-322	2L	17697381	17715826
CH322-174H12	CHORI-322	2R	13664344	13685047
CH322-174H13	CHORI-322	2L	7313829	7333860
CH322-174H14	CHORI-322	2R	1181404	1205163
CH322-174H15	CHORI-322	2R	6478934	6498820
CH322-174H16	CHORI-322	2R	20898016	20920063
CH322-174H17	CHORI-322	3L	19769994	19790767

CH322-174H18	CHORI-322	3R	16597054	16618299
CH322-174H19	CHORI-322	3R	17161001	17182677
CH322-174H20	CHORI-322	2R	17992039	18012825
CH322-174H21	CHORI-322	3R	22507279	22526695
CH322-174H22	CHORI-322	2R	9343070	9363140
CH322-174I04	CHORI-322	X	6382321	6402891
CH322-174I05	CHORI-322	2L	15096574	15117658
CH322-174I06	CHORI-322	3R	24240589	24263814
CH322-174I08	CHORI-322	X	11837217	11858344
CH322-174I15	CHORI-322	2L	6714286	6734939
CH322-174I16	CHORI-322	3LHet	893052	914789
CH322-174I17	CHORI-322	X	18499051	18519271
CH322-174I18	CHORI-322	3R	18619889	18640829
CH322-174I19	CHORI-322	2L	400684	418826
CH322-174J07	CHORI-322	3L	24244419	24263627
CH322-174J08	CHORI-322	2R	5177620	5199645
CH322-174J10	CHORI-322	2L	14076679	14098066
CH322-174J11	CHORI-322	3R	26433940	26453941
CH322-174J12	CHORI-322	X	15378615	15398309
CH322-174J13	CHORI-322	3L	23720627	23740703
CH322-174J14	CHORI-322	X	21899256	21918498
CH322-174J16	CHORI-322	2L	3106825	3126830
CH322-174J17	CHORI-322	2R	13253804	13277512
CH322-174J18	CHORI-322	2L	310948	330695
CH322-174J20	CHORI-322	3R	13800242	13820593
CH322-174K07	CHORI-322	3R	1440845	1461057
CH322-174K09	CHORI-322	2L	8954543	8976711
CH322-174K10	CHORI-322	3R	25433534	25452612
CH322-174K11	CHORI-322	2R	2565243	2588493
CH322-174K13	CHORI-322	3L	16960120	16980481
CH322-174K15	CHORI-322	2L	9894130	9913851
CH322-174K16	CHORI-322	3L	13193293	13213104
CH322-174K17	CHORI-322	X	1650272	1670104
CH322-174K18	CHORI-322	3L	9572527	9593379
CH322-174L04	CHORI-322	3L	11689502	11708896
CH322-174L09	CHORI-322	2L	4105192	4128421
CH322-174L11	CHORI-322	3L	24298813	24318205
CH322-174L13	CHORI-322	3R	1569043	1589315
CH322-174L14	CHORI-322	2L	19968284	19986951
CH322-174L15	CHORI-322	2L	17416434	17434884
CH322-174L19	CHORI-322	X	1680353	1700415
CH322-174L20	CHORI-322	2L	1799248	1819790
CH322-174L22	CHORI-322	2L	9137045	9155740
CH322-174M03	CHORI-322	X	3891417	3910355
CH322-174M04	CHORI-322	3R	9030995	9050569
CH322-174M07	CHORI-322	3L	3958293	3978557
CH322-174M08	CHORI-322	3LHet	650081	669477
CH322-174M09	CHORI-322	2R	14329162	14349058
CH322-174M11	CHORI-322	2L	18915438	18937517
CH322-174M12	CHORI-322	2L	13568763	13590848
CH322-174M14	CHORI-322	3L	10377379	10397401
CH322-174M16	CHORI-322	3R	18806335	18828259
CH322-174M18	CHORI-322	X	21800050	21819157
CH322-174M21	CHORI-322	3L	8928414	8949061

CH322-174N09	CHORI-322	3R	7420423	7439844
CH322-174N12	CHORI-322	2R	13011977	13030431
CH322-174N14	CHORI-322	X	6799213	6817733
CH322-174N18	CHORI-322	2L	17603644	17623497
CH322-174N21	CHORI-322	3R	6155677	6176051
CH322-174O05	CHORI-322	3R	15598693	15619378
CH322-174O07	CHORI-322	2L	17947330	17968823
CH322-174O08	CHORI-322	3L	10012959	10034152
CH322-174O12	CHORI-322	3LHet	928545	947720
CH322-174O13	CHORI-322	3R	9056697	9076299
CH322-174O15	CHORI-322	3R	21851540	21871199
CH322-174O18	CHORI-322	2R	16766300	16789585
CH322-174P04	CHORI-322	3L	6480593	6501159
CH322-174P07	CHORI-322	2L	21591236	21612782
CH322-174P10	CHORI-322	2R	8617973	8637450
CH322-175A01	CHORI-322	3R	17000590	17020960
CH322-175A02	CHORI-322	3R	14376761	14395815
CH322-175A03	CHORI-322	2R	11285674	11308725
CH322-175A04	CHORI-322	2L	6308840	6326663
CH322-175A05	CHORI-322	3L	7721535	7741657
CH322-175A06	CHORI-322	3R	22154438	22176026
CH322-175A07	CHORI-322	2L	8269536	8289282
CH322-175A09	CHORI-322	3R	24706752	24727153
CH322-175A10	CHORI-322	2R	12490368	12509687
CH322-175A11	CHORI-322	3R	21270620	21291206
CH322-175A12	CHORI-322	2L	3503813	3525944
CH322-175A15	CHORI-322	2L	11213173	11234949
CH322-175A16	CHORI-322	2L	19094312	19114116
CH322-175A17	CHORI-322	2L	17640349	17659045
CH322-175A18	CHORI-322	2R	11185284	11205097
CH322-175A21	CHORI-322	2L	15125932	15146716
CH322-175A22	CHORI-322	X	15378147	15398154
CH322-175A23	CHORI-322	2L	16469167	16489399
CH322-175B02	CHORI-322	2L	14369312	14388950
CH322-175B03	CHORI-322	2L	13962741	13984895
CH322-175B04	CHORI-322	3L	6987353	7004441
CH322-175B05	CHORI-322	X	1321891	1344355
CH322-175B12	CHORI-322	3R	12988536	13008512
CH322-175B13	CHORI-322	3L	7356638	7374931
CH322-175B15	CHORI-322	3R	2102272	2122672
CH322-175B21	CHORI-322	3L	12242233	12260206
CH322-175B22	CHORI-322	3R	23866454	23886344
CH322-175B23	CHORI-322	3L	17221992	17242665
CH322-175B24	CHORI-322	2L	18627521	18651324
CH322-175C01	CHORI-322	X	16698094	16718328
CH322-175C02	CHORI-322	3L	21465729	21487688
CH322-175C03	CHORI-322	2R	10560503	10581693
CH322-175C05	CHORI-322	X	1053394	1074830
CH322-175C06	CHORI-322	X	14099601	14119978
CH322-175C08	CHORI-322	X	6580770	6600305
CH322-175C09	CHORI-322	3R	14582525	14603276
CH322-175C11	CHORI-322	3R	8181719	8203152
CH322-175C13	CHORI-322	3R	4446452	4468592
CH322-175C15	CHORI-322	2R	1134339	1154179

CH322-175C16	CHORI-322	3R	22580710	22601521
CH322-175C17	CHORI-322	ArmU	1994408	2014079
CH322-175C18	CHORI-322	3R	27457181	27477310
CH322-175C22	CHORI-322	2R	3126830	3148424
CH322-175C23	CHORI-322	3R	19731900	19752223
CH322-175C24	CHORI-322	3R	3530433	3548577
CH322-175D01	CHORI-322	X	8168923	8188221
CH322-175D02	CHORI-322	2L	31532	52501
CH322-175D03	CHORI-322	2R	19638921	19659582
CH322-175D04	CHORI-322	3L	11373141	11394461
CH322-175D07	CHORI-322	2L	16362978	16383705
CH322-175D08	CHORI-322	3R	24996043	25018552
CH322-175D09	CHORI-322	3L	9284230	9304415
CH322-175D11	CHORI-322	3L	17972346	17992531
CH322-175D13	CHORI-322	2R	7905418	7928640
CH322-175D14	CHORI-322	X	7945630	7966995
CH322-175D15	CHORI-322	3L	5360394	5383228
CH322-175D16	CHORI-322	X	19238167	19257548
CH322-175D17	CHORI-322	2R	8925069	8946069
CH322-175D18	CHORI-322	2R	20692847	20714876
CH322-175D21	CHORI-322	2L	10986078	11007106
CH322-175D22	CHORI-322	3LHet	2269118	2289646
CH322-175E01	CHORI-322	3L	9550733	9572367
CH322-175E02	CHORI-322	2L	2128967	2148310
CH322-175E03	CHORI-322	2L	14732601	14752638
CH322-175E04	CHORI-322	X	18357391	18378504
CH322-175E06	CHORI-322	3R	12299211	12320533
CH322-175E09	CHORI-322	2R	895067	917104
CH322-175E10	CHORI-322	2R	16830098	16853555
CH322-175E11	CHORI-322	X	13873769	13893310
CH322-175E12	CHORI-322	3L	23082650	23101462
CH322-175E13	CHORI-322	3L	9734758	9754143
CH322-175E14	CHORI-322	2L	20601969	20620388
CH322-175E16	CHORI-322	2L	2974176	2996889
CH322-175E17	CHORI-322	3R	26890978	26911013
CH322-175E18	CHORI-322	3L	409447	427567
CH322-175E19	CHORI-322	3R	22489023	22508929
CH322-175E23	CHORI-322	3R	3075938	3097676
CH322-175F03	CHORI-322	3R	24930282	24949943
CH322-175F04	CHORI-322	3R	23814332	23836246
CH322-175F06	CHORI-322	2RHet	3135743	3152840
CH322-175F07	CHORI-322	3L	17761825	17782494
CH322-175F10	CHORI-322	2R	20411923	20434085
CH322-175F11	CHORI-322	2R	13438325	13457284
CH322-175F12	CHORI-322	3LHet	693022	713304
CH322-175F14	CHORI-322	3R	13556899	13575718
CH322-175F15	CHORI-322	3R	21513450	21532906
CH322-175F17	CHORI-322	2L	15075143	15094573
CH322-175F21	CHORI-322	2L	11925253	11945691
CH322-175F22	CHORI-322	3R	26806774	26829102
CH322-175G01	CHORI-322	X	10272543	10291286
CH322-175G02	CHORI-322	3R	7258805	7279476
CH322-175G03	CHORI-322	3R	13831711	13852550
CH322-175G04	CHORI-322	3L	18183848	18201124

CH322-175G05	CHORI-322	3R	918060	937102
CH322-175G06	CHORI-322	ArmU	2162325	2183474
CH322-175G07	CHORI-322	X	4630868	4651582
CH322-175G09	CHORI-322	3R	9784769	9807101
CH322-175G12	CHORI-322	2R	17466741	17489311
CH322-175G13	CHORI-322	2L	13308334	13328087
CH322-175G15	CHORI-322	3R	20759433	20783808
CH322-175G16	CHORI-322	2L	2044842	2065420
CH322-175G17	CHORI-322	2L	790814	812787
CH322-175G18	CHORI-322	2R	13180313	13201621
CH322-175G19	CHORI-322	3R	17559211	17578906
CH322-175G20	CHORI-322	2R	19454235	19475389
CH322-175G21	CHORI-322	3L	16663122	16681904
CH322-175G22	CHORI-322	3R	23541753	23563465
CH322-175H02	CHORI-322	3L	5734927	5754768
CH322-175H03	CHORI-322	3R	26095295	26113765
CH322-175H04	CHORI-322	2R	15298224	15317205
CH322-175H06	CHORI-322	XHet	63079	83607
CH322-175H07	CHORI-322	2R	3854065	3874633
CH322-175H09	CHORI-322	X	5487522	5508483
CH322-175H10	CHORI-322	2R	3758604	3777429
CH322-175H11	CHORI-322	3R	9854808	9873922
CH322-175H12	CHORI-322	3R	23950440	23974163
CH322-175H13	CHORI-322	3R	25606073	25625759
CH322-175H15	CHORI-322	3L	22751507	22771330
CH322-175H19	CHORI-322	3L	15332461	15354095
CH322-175H20	CHORI-322	2R	18016802	18038895
CH322-175H21	CHORI-322	3R	8461804	8482844
CH322-175H22	CHORI-322	2R	7213045	7235201
CH322-175I01	CHORI-322	2L	9970602	9995392
CH322-175I02	CHORI-322	2R	8004513	8027058
CH322-175I04	CHORI-322	3L	5937394	5958582
CH322-175I05	CHORI-322	2L	6194531	6217018
CH322-175I06	CHORI-322	3R	25590281	25609735
CH322-175I08	CHORI-322	2R	8710023	8728854
CH322-175I09	CHORI-322	X	5049080	5069951
CH322-175I10	CHORI-322	X	18331417	18353405
CH322-175I11	CHORI-322	3R	9713063	9732190
CH322-175I12	CHORI-322	3R	15528213	15549251
CH322-175I14	CHORI-322	2R	7438553	7460305
CH322-175I15	CHORI-322	3R	3971780	3995153
CH322-175I17	CHORI-322	X	13617380	13636159
CH322-175I18	CHORI-322	3R	7811472	7836109
CH322-175I19	CHORI-322	3R	22035302	22057504
CH322-175I20	CHORI-322	3R	1818197	1837042
CH322-175I21	CHORI-322	2L	8283918	8303681
CH322-175I22	CHORI-322	3R	21103125	21123015
CH322-175J01	CHORI-322	3L	19261065	19282057
CH322-175J02	CHORI-322	X	15331943	15352483
CH322-175J03	CHORI-322	3L	12852210	12871185
CH322-175J04	CHORI-322	3L	9225311	9244227
CH322-175J06	CHORI-322	3L	19462989	19485694
CH322-175J07	CHORI-322	3L	7244258	7262568
CH322-175J08	CHORI-322	2R	5675525	5697864

CH322-175J09	CHORI-322	3R	12037709	12058840
CH322-175J10	CHORI-322	3L	17368362	17388076
CH322-175J11	CHORI-322	2L	9002465	9024565
CH322-175J12	CHORI-322	2L	3587846	3608686
CH322-175J13	CHORI-322	3L	17055029	17074589
CH322-175J15	CHORI-322	2R	5111465	5129601
CH322-175J17	CHORI-322	3R	26765465	26785547
CH322-175J20	CHORI-322	3R	4675348	4695910
CH322-175J21	CHORI-322	X	998776	1019530
CH322-175K02	CHORI-322	3RHet	827129	847213
CH322-175K03	CHORI-322	X	12618887	12639211
CH322-175K05	CHORI-322	X	7216565	7236582
CH322-175K06	CHORI-322	2L	9622871	9642975
CH322-175K07	CHORI-322	3R	24170995	24191654
CH322-175K09	CHORI-322	3R	16234279	16253600
CH322-175K11	CHORI-322	3L	11243182	11265980
CH322-175K12	CHORI-322	X	21390119	21411295
CH322-175K16	CHORI-322	X	3464275	3484547
CH322-175K17	CHORI-322	3L	19191180	19210469
CH322-175K18	CHORI-322	2R	1191188	1212270
CH322-175K19	CHORI-322	2R	20311906	20333747
CH322-175K21	CHORI-322	3L	4009473	4031122
CH322-175K22	CHORI-322	2R	12845765	12864611
CH322-175L02	CHORI-322	3L	16459331	16480694
CH322-175L03	CHORI-322	2L	6298356	6320409
CH322-175L04	CHORI-322	3L	22641540	22658952
CH322-175L05	CHORI-322	X	2916971	2938418
CH322-175L06	CHORI-322	X	1898689	1919490
CH322-175L11	CHORI-322	3L	3907108	3930322
CH322-175L12	CHORI-322	X	17754681	17776119
CH322-175L15	CHORI-322	2R	2048823	2071494
CH322-175L16	CHORI-322	3R	682466	702568
CH322-175L18	CHORI-322	3R	7727642	7749533
CH322-175L21	CHORI-322	2L	17807022	17826020
CH322-175M03	CHORI-322	3L	21497147	21518173
CH322-175M04	CHORI-322	2L	6645886	6667194
CH322-175M05	CHORI-322	3R	22644586	22664411
CH322-175M07	CHORI-322	3L	5644702	5665110
CH322-175M09	CHORI-322	ArmU	297715	320798
CH322-175M11	CHORI-322	2L	13110852	13134991
CH322-175M13	CHORI-322	3R	25235271	25257018
CH322-175M15	CHORI-322	X	7884592	7907066
CH322-175M17	CHORI-322	2L	20067216	20090486
CH322-175M22	CHORI-322	X	14185899	14206114
CH322-175N01	CHORI-322	3L	12342705	12365334
CH322-175N02	CHORI-322	3L	24452748	24473235
CH322-175N04	CHORI-322	2L	5978392	5999593
CH322-175N10	CHORI-322	X	7780813	7799132
CH322-175N11	CHORI-322	2L	4231955	4255679
CH322-175N12	CHORI-322	3R	17056257	17078180
CH322-175N13	CHORI-322	X	20644498	20666308
CH322-175N14	CHORI-322	3R	4191877	4212808
CH322-175N16	CHORI-322	X	1749035	1767780
CH322-175N17	CHORI-322	3L	13719925	13740849

CH322-175N21	CHORI-322	2R	4640840	4662623
CH322-175N22	CHORI-322	2R	5974247	5994636
CH322-175N23	CHORI-322	2L	3585092	3605126
CH322-175O01	CHORI-322	3R	7117511	7137799
CH322-175O02	CHORI-322	X	16369028	16386798
CH322-175O04	CHORI-322	3R	3950381	3969513
CH322-175O05	CHORI-322	3R	5622081	5644046
CH322-175O07	CHORI-322	3L	2352069	2371572
CH322-175O08	CHORI-322	2R	15553310	15575201
CH322-175O09	CHORI-322	3R	4377537	4397275
CH322-175O13	CHORI-322	3L	11793241	11815285
CH322-175O14	CHORI-322	2R	6002112	6021910
CH322-175O16	CHORI-322	2R	4061267	4082591
CH322-175O17	CHORI-322	2R	9376604	9399055
CH322-175O18	CHORI-322	2L	17176242	17196997
CH322-175O23	CHORI-322	3R	13110773	13129412
CH322-175O24	CHORI-322	3L	19441617	19460143
CH322-175P02	CHORI-322	2L	15808381	15828952
CH322-175P03	CHORI-322	2RHet	373848	395631
CH322-175P04	CHORI-322	2L	7527781	7550151
CH322-175P05	CHORI-322	3L	11164263	11182839
CH322-175P06	CHORI-322	3R	381386	400034
CH322-175P09	CHORI-322	2L	13117612	13139294
CH322-175P10	CHORI-322	2R	6602169	6623879
CH322-175P11	CHORI-322	X	1963166	1986757
CH322-175P12	CHORI-322	2L	4447432	4469546
CH322-175P15	CHORI-322	X	7886798	7908979
CH322-175P16	CHORI-322	2L	20425267	20447330
CH322-175P24	CHORI-322	2R	19747103	19770892
CH322-176A01	CHORI-322	3R	24462366	24482475
CH322-176A02	CHORI-322	3L	23503133	23523669
CH322-176A05	CHORI-322	2L	17834151	17851878
CH322-176A06	CHORI-322	3R	8076890	8095914
CH322-176A07	CHORI-322	3R	10433615	10453957
CH322-176A10	CHORI-322	X	7512758	7535341
CH322-176A11	CHORI-322	3L	22691408	22712015
CH322-176A12	CHORI-322	2R	20875259	20898010
CH322-176A13	CHORI-322	2R	17401045	17420344
CH322-176A14	CHORI-322	3L	18912778	18932698
CH322-176A17	CHORI-322	X	13435059	13456526
CH322-176A18	CHORI-322	2L	11273398	11296306
CH322-176A20	CHORI-322	3L	4018876	4044181
CH322-176A24	CHORI-322	3R	2970974	2994346
CH322-176B01	CHORI-322	2R	16811022	16832837
CH322-176B05	CHORI-322	3R	23637623	23658464
CH322-176B06	CHORI-322	2L	14766659	14787625
CH322-176B17	CHORI-322	2L	22368159	22384637
CH322-176B22	CHORI-322	2L	1309712	1329473
CH322-176B23	CHORI-322	3L	15458235	15480330
CH322-176C01	CHORI-322	3L	15311730	15333352
CH322-176C02	CHORI-322	3L	13963442	13982787
CH322-176C03	CHORI-322	X	17045920	17065769
CH322-176C05	CHORI-322	ArmU	363783	384942
CH322-176C08	CHORI-322	X	14664531	14684480

CH322-176C09	CHORI-322	2R	17752263	17773388
CH322-176C14	CHORI-322	3L	22640339	22664512
CH322-176C15	CHORI-322	3L	12528307	12548591
CH322-176C16	CHORI-322	3R	3288760	3308804
CH322-176C17	CHORI-322	X	2744057	2764750
CH322-176C18	CHORI-322	2R	5790059	5809867
CH322-176C19	CHORI-322	3R	26482890	26500526
CH322-176C20	CHORI-322	3R	13810961	13833428
CH322-176C21	CHORI-322	2L	4457602	4480392
CH322-176C22	CHORI-322	3L	6351996	6373467
CH322-176C23	CHORI-322	3L	15587102	15606650
CH322-176C24	CHORI-322	3R	14998840	15021127
CH322-176D01	CHORI-322	X	5862854	5880257
CH322-176D02	CHORI-322	3L	15898401	15920808
CH322-176D03	CHORI-322	3L	20201002	20219610
CH322-176D04	CHORI-322	3L	14039337	14059977
CH322-176D05	CHORI-322	3R	16275240	16295112
CH322-176D08	CHORI-322	X	17603355	17623367
CH322-176D09	CHORI-322	3L	19283444	19305008
CH322-176D10	CHORI-322	2L	19882894	19902641
CH322-176D13	CHORI-322	2L	18091256	18113993
CH322-176D14	CHORI-322	3L	11863620	11883243
CH322-176D15	CHORI-322	2L	21756025	21779916
CH322-176D16	CHORI-322	2L	3552493	3573612
CH322-176D18	CHORI-322	3L	16903603	16922282
CH322-176D20	CHORI-322	3L	17759904	17779986
CH322-176D21	CHORI-322	2L	12501527	12522680
CH322-176D22	CHORI-322	2R	17137642	17157983
CH322-176D23	CHORI-322	2R	12359598	12382746
CH322-176E01	CHORI-322	2L	11848675	11870861
CH322-176E03	CHORI-322	X	10532446	10553232
CH322-176E04	CHORI-322	3L	11162198	11181948
CH322-176E06	CHORI-322	2R	922052	944870
CH322-176E07	CHORI-322	3R	18077919	18099298
CH322-176E08	CHORI-322	2L	16529540	16551307
CH322-176E16	CHORI-322	3L	11176946	11200093
CH322-176E18	CHORI-322	3L	4791734	4810924
CH322-176E19	CHORI-322	3L	4396469	4416648
CH322-176E22	CHORI-322	3L	850539	871283
CH322-176F01	CHORI-322	2R	7169134	7190309
CH322-176F03	CHORI-322	3RHet	230436	254638
CH322-176F05	CHORI-322	3L	17767604	17786961
CH322-176F06	CHORI-322	2R	16287835	16309966
CH322-176F07	CHORI-322	2L	15548259	15567750
CH322-176F08	CHORI-322	2L	14450854	14472192
CH322-176F10	CHORI-322	3L	12551889	12573152
CH322-176F12	CHORI-322	2L	17664197	17682723
CH322-176F17	CHORI-322	3L	17717856	17738845
CH322-176F18	CHORI-322	3R	2608151	2628570
CH322-176F19	CHORI-322	4	379672	400234
CH322-176F21	CHORI-322	2L	8153669	8173558
CH322-176F23	CHORI-322	3L	20749523	20770280
CH322-176G01	CHORI-322	3R	2600818	2620602
CH322-176G02	CHORI-322	3R	3986703	4007012

CH322-176G04	CHORI-322	2L	7581009	7601728
CH322-176G05	CHORI-322	3L	5192561	5209951
CH322-176G06	CHORI-322	2R	6924390	6945495
CH322-176G07	CHORI-322	3L	3560258	3580713
CH322-176G08	CHORI-322	2R	8698511	8717970
CH322-176G09	CHORI-322	2L	21841638	21860468
CH322-176G10	CHORI-322	3R	7807544	7828026
CH322-176G11	CHORI-322	2L	6016402	6038386
CH322-176G12	CHORI-322	3L	14553560	14574610
CH322-176G13	CHORI-322	3L	21850346	21871928
CH322-176G14	CHORI-322	2L	10510510	10529462
CH322-176G15	CHORI-322	3R	9728566	9748044
CH322-176G18	CHORI-322	X	17407815	17427510
CH322-176G19	CHORI-322	3R	15883174	15903706
CH322-176G20	CHORI-322	2L	14319997	14343258
CH322-176G21	CHORI-322	2RHet	1551693	1574130
CH322-176G22	CHORI-322	2L	19697114	19719280
CH322-176G23	CHORI-322	X	419563	440410
CH322-176H03	CHORI-322	3R	3999694	4021315
CH322-176H04	CHORI-322	3R	13316280	13337226
CH322-176H05	CHORI-322	X	9196924	9218982
CH322-176H07	CHORI-322	2L	20276411	20295186
CH322-176H08	CHORI-322	3L	8730574	8749927
CH322-176H10	CHORI-322	2R	15875862	15895756
CH322-176H11	CHORI-322	3R	17901615	17922153
CH322-176H14	CHORI-322	3L	17370866	17391014
CH322-176H15	CHORI-322	2R	8125739	8144913
CH322-176H16	CHORI-322	2L	13725014	13743724
CH322-176H17	CHORI-322	3L	5995921	6016622
CH322-176H18	CHORI-322	2L	22318294	22339236
CH322-176H19	CHORI-322	2L	5463059	5482651
CH322-176H20	CHORI-322	X	4604200	4623115
CH322-176H21	CHORI-322	X	3083682	3104235
CH322-176H22	CHORI-322	3L	8153862	8174543
CH322-176H23	CHORI-322	2L	607963	628800
CH322-176I01	CHORI-322	2L	19816379	19836751
CH322-176I02	CHORI-322	3L	11843898	11864239
CH322-176I03	CHORI-322	2L	10339599	10361001
CH322-176I04	CHORI-322	2R	18571578	18593593
CH322-176I06	CHORI-322	X	6980787	7001988
CH322-176I07	CHORI-322	3R	24829113	24849352
CH322-176I14	CHORI-322	3R	7109177	7130199
CH322-176I16	CHORI-322	X	9093623	9111575
CH322-176I17	CHORI-322	2R	16735793	16757783
CH322-176I19	CHORI-322	3R	25726344	25745578
CH322-176I20	CHORI-322	2R	3565449	3586368
CH322-176I22	CHORI-322	2L	2379629	2398746
CH322-176I24	CHORI-322	2RHet	672459	692409
CH322-176J04	CHORI-322	3R	22771630	22791913
CH322-176J06	CHORI-322	X	6940668	6959412
CH322-176J08	CHORI-322	2L	2790027	2809886
CH322-176J09	CHORI-322	3R	22353712	22372350
CH322-176J10	CHORI-322	X	7677368	7696720
CH322-176J11	CHORI-322	2L	17834272	17856980

CH322-176J13	CHORI-322	3L	2931766	2952471
CH322-176J17	CHORI-322	2L	8236002	8255955
CH322-176J18	CHORI-322	X	11150117	11171628
CH322-176J19	CHORI-322	3R	5751712	5772018
CH322-176J20	CHORI-322	2L	4662791	4683367
CH322-176J21	CHORI-322	2L	14237182	14259745
CH322-176J23	CHORI-322	2L	2046476	2065267
CH322-176J24	CHORI-322	3LHet	727166	747671
CH322-176K01	CHORI-322	3R	289905	313127
CH322-176K02	CHORI-322	3R	628791	646580
CH322-176K03	CHORI-322	2L	3127291	3147070
CH322-176K04	CHORI-322	3R	2482240	2502570
CH322-176K05	CHORI-322	3R	9210684	9232685
CH322-176K06	CHORI-322	3RHet	2032564	2053952
CH322-176K07	CHORI-322	3R	21617238	21640818
CH322-176K08	CHORI-322	3R	24397952	24419608
CH322-176K09	CHORI-322	3L	4990445	5011948
CH322-176K10	CHORI-322	3R	9622007	9642420
CH322-176K12	CHORI-322	3R	19973258	19993762
CH322-176K13	CHORI-322	2L	2382348	2401469
CH322-176K16	CHORI-322	3L	8448523	8470711
CH322-176K17	CHORI-322	2L	19563552	19583583
CH322-176K19	CHORI-322	3L	12349060	12368484
CH322-176K20	CHORI-322	X	10554573	10573243
CH322-176K24	CHORI-322	3R	10918508	10938784
CH322-176L01	CHORI-322	3R	22585340	22608040
CH322-176L03	CHORI-322	3L	23005182	23026270
CH322-176L04	CHORI-322	3L	20123236	20146147
CH322-176L07	CHORI-322	2L	16889550	16909800
CH322-176L08	CHORI-322	2R	8098096	8116753
CH322-176L09	CHORI-322	X	699134	720029
CH322-176L11	CHORI-322	X	9538782	9558891
CH322-176L16	CHORI-322	3L	7587878	7610343
CH322-176L17	CHORI-322	3R	21067233	21088845
CH322-176L18	CHORI-322	X	3647310	3668498
CH322-176L19	CHORI-322	2L	11386826	11408243
CH322-176L21	CHORI-322	3R	14194279	14213735
CH322-176L22	CHORI-322	X	8200545	8223881
CH322-176L23	CHORI-322	3L	12958631	12980034
CH322-176L24	CHORI-322	X	7221146	7239925
CH322-176M01	CHORI-322	3L	20171965	20193359
CH322-176M02	CHORI-322	2R	19837214	19856513
CH322-176M03	CHORI-322	3L	21846896	21867846
CH322-176M05	CHORI-322	3L	20068550	20090815
CH322-176M06	CHORI-322	2L	22435480	22454484
CH322-176M07	CHORI-322	X	8270592	8291249
CH322-176M09	CHORI-322	3L	20934580	20956318
CH322-176M10	CHORI-322	X	13677633	13696697
CH322-176M11	CHORI-322	X	18298547	18319064
CH322-176M12	CHORI-322	3L	8904132	8924311
CH322-176M14	CHORI-322	2L	13103773	13122665
CH322-176M15	CHORI-322	3R	20297652	20317402
CH322-176M16	CHORI-322	2L	3254182	3273104
CH322-176M20	CHORI-322	ArmU	405231	427532

CH322-176M22	CHORI-322	3L	13056909	13077411
CH322-176N01	CHORI-322	3R	3296227	3317730
CH322-176N02	CHORI-322	3R	11995716	12015295
CH322-176N07	CHORI-322	3R	8407730	8428896
CH322-176N08	CHORI-322	2L	10174326	10194054
CH322-176N09	CHORI-322	2L	1480203	1501693
CH322-176N10	CHORI-322	2R	5763280	5783751
CH322-176N13	CHORI-322	3R	12940204	12959314
CH322-176N14	CHORI-322	2R	15701199	15721604
CH322-176N15	CHORI-322	2L	2997467	3017045
CH322-176N17	CHORI-322	2R	9463415	9482102
CH322-176N22	CHORI-322	3L	4287153	4308983
CH322-176N23	CHORI-322	X	13456398	13478383
CH322-176N24	CHORI-322	3R	10050370	10070770
CH322-176O03	CHORI-322	2R	7229660	7248990
CH322-176O04	CHORI-322	X	21183708	21203734
CH322-176O05	CHORI-322	2R	2783386	2803799
CH322-176O08	CHORI-322	X	21936657	21955705
CH322-176O10	CHORI-322	2L	11198555	11221795
CH322-176O11	CHORI-322	3L	16942135	16962053
CH322-176O12	CHORI-322	2L	14960788	14980121
CH322-176O13	CHORI-322	X	5048056	5070495
CH322-176O14	CHORI-322	3R	14956856	14980514
CH322-176O15	CHORI-322	3L	9593695	9614844
CH322-176O17	CHORI-322	2L	22902178	22924368
CH322-176O18	CHORI-322	2R	18851572	18872424
CH322-176O19	CHORI-322	3L	2658428	2679081
CH322-176O20	CHORI-322	3R	23718125	23736870
CH322-176O21	CHORI-322	3L	10877436	10896268
CH322-176O24	CHORI-322	2R	16573646	16596390
CH322-176P01	CHORI-322	3R	21136654	21156403
CH322-176P02	CHORI-322	3R	27743680	27764437
CH322-176P03	CHORI-322	X	16158853	16177785
CH322-176P04	CHORI-322	X	18688501	18709297
CH322-176P07	CHORI-322	2R	16462812	16481743
CH322-176P09	CHORI-322	3R	21907922	21927926
CH322-176P10	CHORI-322	3L	9063627	9084325
CH322-176P11	CHORI-322	X	8745170	8766423
CH322-176P12	CHORI-322	3R	7729796	7750639
CH322-176P13	CHORI-322	2L	14184801	14206882
CH322-176P14	CHORI-322	2R	16831807	16851858
CH322-176P15	CHORI-322	3R	21290578	21310436
CH322-176P17	CHORI-322	2L	12288033	12310776
CH322-176P20	CHORI-322	2L	22234436	22257754
CH322-176P24	CHORI-322	2L	9623681	9645125
CH322-177A01	CHORI-322	3R	6207189	6224791
CH322-177A05	CHORI-322	3L	5499368	5518693
CH322-177A10	CHORI-322	2R	540521	561521
CH322-177A11	CHORI-322	2R	5219033	5240036
CH322-177A15	CHORI-322	3L	14793905	14813874
CH322-177A16	CHORI-322	3R	10849604	10869061
CH322-177A17	CHORI-322	3R	7453077	7473186
CH322-177A19	CHORI-322	3L	3809074	3829821
CH322-177A20	CHORI-322	3L	14330152	14350832

CH322-177A21	CHORI-322	X	9505872	9523249
CH322-177A22	CHORI-322	3R	20831216	20851520
CH322-177B03	CHORI-322	X	16929750	16949821
CH322-177B04	CHORI-322	3R	10218977	10238602
CH322-177B05	CHORI-322	2R	8164927	8184407
CH322-177B07	CHORI-322	3L	16367560	16387800
CH322-177B09	CHORI-322	X	12906023	12926484
CH322-177B12	CHORI-322	3L	6639707	6658683
CH322-177B15	CHORI-322	2RHet	1580117	1599856
CH322-177B17	CHORI-322	3R	3887121	3907505
CH322-177B18	CHORI-322	3L	12780763	12800440
CH322-177B19	CHORI-322	3R	26302949	26321854
CH322-177B20	CHORI-322	3R	13148707	13170053
CH322-177B21	CHORI-322	X	18886646	18909810
CH322-177B22	CHORI-322	2R	18307550	18327319
CH322-177B23	CHORI-322	3R	26957224	26979184
CH322-177C02	CHORI-322	2L	11037426	11058732
CH322-177C03	CHORI-322	X	2395498	2415741
CH322-177C04	CHORI-322	3R	25770593	25791607
CH322-177C05	CHORI-322	3R	10313515	10333297
CH322-177C06	CHORI-322	2L	18903183	18923369
CH322-177C08	CHORI-322	2R	7461737	7483567
CH322-177C09	CHORI-322	2R	3822759	3845876
CH322-177C11	CHORI-322	2R	18852883	18873794
CH322-177C12	CHORI-322	3L	19921360	19939711
CH322-177C13	CHORI-322	3L	23465410	23488785
CH322-177C14	CHORI-322	2L	7230713	7250835
CH322-177C15	CHORI-322	3R	19997627	20019943
CH322-177C16	CHORI-322	3LHet	2458805	2481793
CH322-177C18	CHORI-322	2L	6110370	6131620
CH322-177C19	CHORI-322	X	14291476	14311850
CH322-177C22	CHORI-322	3R	26343015	26364923
CH322-177C23	CHORI-322	3R	26109053	26130487
CH322-177C24	CHORI-322	2R	10464132	10485934
CH322-177D01	CHORI-322	2RHet	1910422	1929822
CH322-177D03	CHORI-322	2R	20657307	20679200
CH322-177D04	CHORI-322	3L	5665826	5687390
CH322-177D05	CHORI-322	3L	17734717	17754312
CH322-177D06	CHORI-322	2L	11285811	11308014
CH322-177D07	CHORI-322	X	3912717	3935373
CH322-177D08	CHORI-322	3L	10069769	10089847
CH322-177D13	CHORI-322	3L	2728617	2746741
CH322-177D15	CHORI-322	3R	15761146	15780189
CH322-177D17	CHORI-322	2L	6915659	6939599
CH322-177D20	CHORI-322	X	2665083	2685230
CH322-177D21	CHORI-322	3L	22984349	23006235
CH322-177D23	CHORI-322	3L	1371984	1392126
CH322-177D24	CHORI-322	2L	6827081	6848274
CH322-177E04	CHORI-322	2R	20339252	20361152
CH322-177E06	CHORI-322	2LHet	192148	210952
CH322-177E07	CHORI-322	2R	4903269	4924139
CH322-177E08	CHORI-322	3R	15982141	16002605
CH322-177E09	CHORI-322	X	1480309	1503637
CH322-177E12	CHORI-322	2L	6151861	6171663

CH322-177E13	CHORI-322	3R	5547764	5570422
CH322-177E15	CHORI-322	3L	23397741	23415174
CH322-177E16	CHORI-322	3R	25602611	25622912
CH322-177E17	CHORI-322	2R	20564938	20585128
CH322-177E18	CHORI-322	2R	17478528	17497016
CH322-177E19	CHORI-322	3R	25390718	25410502
CH322-177E21	CHORI-322	3L	22315910	22338541
CH322-177E22	CHORI-322	X	10238487	10257651
CH322-177E23	CHORI-322	2R	5151787	5172933
CH322-177F04	CHORI-322	2RHet	2374107	2394319
CH322-177F07	CHORI-322	3R	10322310	10343465
CH322-177F09	CHORI-322	3R	16529678	16552620
CH322-177F11	CHORI-322	3R	2841230	2862540
CH322-177F14	CHORI-322	3R	7347478	7368167
CH322-177F16	CHORI-322	2R	19361530	19381606
CH322-177F17	CHORI-322	2L	6657503	6679501
CH322-177F19	CHORI-322	X	13678738	13698272
CH322-177F22	CHORI-322	2R	4910600	4931183
CH322-177F23	CHORI-322	2R	6266606	6282969
CH322-177F24	CHORI-322	3L	15874490	15894446
CH322-177G02	CHORI-322	2L	8758049	8778012
CH322-177G03	CHORI-322	2R	6804710	6827415
CH322-177G04	CHORI-322	3R	13501350	13523131
CH322-177G06	CHORI-322	3R	14955881	14976307
CH322-177G07	CHORI-322	2L	10817018	10839708
CH322-177G09	CHORI-322	2R	4859036	4877975
CH322-177G11	CHORI-322	2R	16276515	16295543
CH322-177G12	CHORI-322	2R	19454235	19473935
CH322-177G13	CHORI-322	3R	17710562	17731011
CH322-177G14	CHORI-322	3R	22426626	22447404
CH322-177G15	CHORI-322	3L	7970966	7991746
CH322-177G16	CHORI-322	3L	18014048	18034347
CH322-177G17	CHORI-322	2R	16400115	16419857
CH322-177G18	CHORI-322	2R	20842884	20863200
CH322-177G19	CHORI-322	3R	13599497	13620037
CH322-177G24	CHORI-322	2L	21375592	21397642
CH322-177H03	CHORI-322	X	12766615	12786163
CH322-177H04	CHORI-322	3R	26718982	26740554
CH322-177H07	CHORI-322	X	1323198	1344030
CH322-177H10	CHORI-322	3L	6729802	6749087
CH322-177H11	CHORI-322	3L	3293785	3315857
CH322-177H12	CHORI-322	2R	6859760	6880236
CH322-177H13	CHORI-322	3R	22218133	22240315
CH322-177H15	CHORI-322	3R	25520407	25540022
CH322-177H17	CHORI-322	2R	8049491	8071150
CH322-177H18	CHORI-322	3R	1535608	1554884
CH322-177H19	CHORI-322	X	4811584	4834420
CH322-177H20	CHORI-322	3L	15557527	15578343
CH322-177H21	CHORI-322	3R	17329318	17348717
CH322-177H22	CHORI-322	2R	5317790	5336624
CH322-177H23	CHORI-322	3R	7490897	7512769
CH322-177H24	CHORI-322	X	18444226	18466198
CH322-177I03	CHORI-322	3R	18130614	18149162
CH322-177I04	CHORI-322	2L	6355230	6375743

CH322-177I05	CHORI-322	3R	11815273	11833747
CH322-177I06	CHORI-322	3LHet	558324	576176
CH322-177I07	CHORI-322	X	8704779	8721925
CH322-177I08	CHORI-322	3L	18707761	18727655
CH322-177I09	CHORI-322	X	6185575	6207996
CH322-177I11	CHORI-322	2L	6576119	6596047
CH322-177I13	CHORI-322	2R	13651622	13673913
CH322-177I14	CHORI-322	3L	13244408	13267691
CH322-177I15	CHORI-322	2R	3140112	3160791
CH322-177I16	CHORI-322	3R	21412040	21431838
CH322-177I17	CHORI-322	X	12633466	12653892
CH322-177I18	CHORI-322	3R	5023511	5042594
CH322-177I19	CHORI-322	2R	10892341	10913455
CH322-177I21	CHORI-322	3L	15978892	16001769
CH322-177I22	CHORI-322	3L	20870618	20891215
CH322-177I23	CHORI-322	3R	21428683	21449892
CH322-177J06	CHORI-322	3L	13251961	13273916
CH322-177J07	CHORI-322	2L	2280606	2301902
CH322-177J10	CHORI-322	2R	12884781	12908198
CH322-177J11	CHORI-322	X	989300	1009695
CH322-177J12	CHORI-322	X	339040	359016
CH322-177J13	CHORI-322	3R	10669893	10692447
CH322-177J14	CHORI-322	2L	14472068	14492152
CH322-177J15	CHORI-322	2R	13712508	13733610
CH322-177J18	CHORI-322	2L	18843586	18862626
CH322-177J19	CHORI-322	ArmU	1436831	1458288
CH322-177J20	CHORI-322	X	19359912	19380071
CH322-177J21	CHORI-322	3R	2719796	2742000
CH322-177J22	CHORI-322	X	11351811	11370875
CH322-177K02	CHORI-322	3R	18365569	18383172
CH322-177K03	CHORI-322	3R	23067827	23091386
CH322-177K06	CHORI-322	3L	4787534	4804641
CH322-177K07	CHORI-322	3R	8540728	8562606
CH322-177K08	CHORI-322	3R	17616452	17636454
CH322-177K09	CHORI-322	X	14662857	14682556
CH322-177K10	CHORI-322	3R	19731900	19751814
CH322-177K11	CHORI-322	3R	27220143	27241140
CH322-177K12	CHORI-322	3L	11084707	11104408
CH322-177K13	CHORI-322	2R	19211706	19232522
CH322-177K14	CHORI-322	3R	14337829	14357875
CH322-177K15	CHORI-322	2L	217397	241359
CH322-177K17	CHORI-322	X	9538562	9559537
CH322-177K18	CHORI-322	X	13953808	13969451
CH322-177K19	CHORI-322	2R	5266204	5285744
CH322-177K22	CHORI-322	3R	26776880	26795741
CH322-177K23	CHORI-322	2L	9622871	9641927
CH322-177K24	CHORI-322	2R	15340885	15360513
CH322-177L06	CHORI-322	X	19265844	19285602
CH322-177L07	CHORI-322	2L	21739124	21759436
CH322-177L08	CHORI-322	3R	16341976	16364319
CH322-177L10	CHORI-322	3L	7510903	7530148
CH322-177L11	CHORI-322	3L	23149080	23170309
CH322-177L12	CHORI-322	2L	16384360	16405655
CH322-177L17	CHORI-322	3R	14516174	14538780

CH322-177L18	CHORI-322	X	12032056	12051603
CH322-177L19	CHORI-322	X	20045279	20065718
CH322-177L20	CHORI-322	3R	11226673	11247225
CH322-177L21	CHORI-322	X	15631795	15650671
CH322-177L22	CHORI-322	2L	4082324	4101338
CH322-177L23	CHORI-322	3L	9974652	9994575
CH322-177M12	CHORI-322	2R	1490915	1509370
CH322-177M13	CHORI-322	2R	10713754	10736749
CH322-177M14	CHORI-322	2L	9743164	9763057
CH322-177M15	CHORI-322	2L	16048288	16068266
CH322-177M16	CHORI-322	3R	23672578	23691786
CH322-177M18	CHORI-322	2L	16152243	16174305
CH322-177M19	CHORI-322	3R	13585346	13605459
CH322-177M23	CHORI-322	X	21076689	21095894
CH322-177N11	CHORI-322	3R	22430874	22450536
CH322-177N14	CHORI-322	X	6806091	6829300
CH322-177N16	CHORI-322	3L	8903109	8923518
CH322-177N18	CHORI-322	3R	1070124	1089236
CH322-177N20	CHORI-322	2L	21821371	21842060
CH322-177N22	CHORI-322	2R	10584339	10604084
CH322-177O11	CHORI-322	2R	19114166	19135637
CH322-177O12	CHORI-322	X	6592044	6611740
CH322-177O13	CHORI-322	3L	18452656	18471876
CH322-177O14	CHORI-322	2L	15538454	15559300
CH322-177O15	CHORI-322	3L	21148903	21168327
CH322-177O16	CHORI-322	X	7484788	7505084
CH322-177O21	CHORI-322	X	10936462	10954828
CH322-178A05	CHORI-322	3R	21189926	21211412
CH322-178A06	CHORI-322	3L	24420322	24440773
CH322-178A07	CHORI-322	3L	1841087	1860527
CH322-178A08	CHORI-322	2L	5919278	5940993
CH322-178A10	CHORI-322	3L	13441508	13463892
CH322-178A13	CHORI-322	2L	12580930	12600449
CH322-178A14	CHORI-322	X	12193646	12213236
CH322-178A15	CHORI-322	2R	8652736	8672065
CH322-178A18	CHORI-322	3L	21857957	21879817
CH322-178A21	CHORI-322	3L	9011917	9030713
CH322-178B05	CHORI-322	3L	13664494	13682590
CH322-178B06	CHORI-322	2L	13120361	13139599
CH322-178B07	CHORI-322	3L	22387939	22411090
CH322-178B08	CHORI-322	3R	9708617	9729013
CH322-178B09	CHORI-322	3L	19230080	19249136
CH322-178B10	CHORI-322	X	7175657	7197230
CH322-178B11	CHORI-322	3L	23219560	23239219
CH322-178B12	CHORI-322	3L	5500916	5520142
CH322-178B15	CHORI-322	3L	2193509	2212374
CH322-178B17	CHORI-322	2L	11667618	11686307
CH322-178B18	CHORI-322	2L	18191501	18213721
CH322-178B19	CHORI-322	2R	8620810	8640808
CH322-178B20	CHORI-322	2L	8329133	8349965
CH322-178B21	CHORI-322	X	21264495	21285932
CH322-178B22	CHORI-322	3L	4905069	4925599
CH322-178C03	CHORI-322	X	3749649	3769378
CH322-178C04	CHORI-322	3L	6023659	6044331

CH322-178C06	CHORI-322	3R	18387992	18411303
CH322-178C11	CHORI-322	3R	2453176	2473911
CH322-178C12	CHORI-322	3R	18873165	18897501
CH322-178C13	CHORI-322	3R	7954421	7973792
CH322-178C14	CHORI-322	2R	1647532	1665882
CH322-178C15	CHORI-322	3R	26196060	26216732
CH322-178C16	CHORI-322	2R	2847087	2868821
CH322-178C17	CHORI-322	2L	13541921	13561861
CH322-178C21	CHORI-322	2R	4098620	4118845
CH322-178C22	CHORI-322	2R	17308010	17329894
CH322-178C23	CHORI-322	3L	19284206	19303777
CH322-178C24	CHORI-322	2L	12891952	12913249
CH322-178D01	CHORI-322	2R	5597696	5618834
CH322-178D04	CHORI-322	X	5921978	5944565
CH322-178D07	CHORI-322	3R	23314248	23334361
CH322-178D08	CHORI-322	3R	3102755	3119965
CH322-178D09	CHORI-322	2R	6420896	6442408
CH322-178D10	CHORI-322	3R	15304485	15326846
CH322-178D11	CHORI-322	3R	3960723	3982666
CH322-178D12	CHORI-322	2L	14429405	14451230
CH322-178D13	CHORI-322	3R	17907584	17926749
CH322-178D14	CHORI-322	2L	9115423	9136719
CH322-178D15	CHORI-322	3L	1102243	1122610
CH322-178D16	CHORI-322	2L	8714634	8733783
CH322-178D17	CHORI-322	3R	15769582	15792077
CH322-178D18	CHORI-322	2RHet	1677698	1695149
CH322-178D19	CHORI-322	2R	17153025	17175291
CH322-178D20	CHORI-322	3L	21005375	21026745
CH322-178D21	CHORI-322	2R	14357068	14377806
CH322-178D22	CHORI-322	3L	21148107	21166935
CH322-178D23	CHORI-322	2R	6435008	6456551
CH322-178E01	CHORI-322	3R	19257342	19277451
CH322-178E02	CHORI-322	2L	12980981	12999428
CH322-178E04	CHORI-322	3R	3008811	3028532
CH322-178E05	CHORI-322	2R	6151601	6171337
CH322-178E06	CHORI-322	3L	18114127	18135333
CH322-178E07	CHORI-322	3R	22266272	22285754
CH322-178E08	CHORI-322	3R	6964223	6986654
CH322-178E09	CHORI-322	2R	20435982	20454989
CH322-178E10	CHORI-322	2L	3578859	3599012
CH322-178E11	CHORI-322	3L	9266790	9285499
CH322-178E13	CHORI-322	3R	21871795	21890693
CH322-178E15	CHORI-322	2L	1387437	1407148
CH322-178E17	CHORI-322	3RHet	1081295	1102139
CH322-178E18	CHORI-322	3L	16262478	16284112
CH322-178E19	CHORI-322	3L	10978620	10997629
CH322-178E20	CHORI-322	2R	7058595	7078979
CH322-178E22	CHORI-322	3R	15573000	15594793
CH322-178E23	CHORI-322	3L	18135604	18158446
CH322-178E24	CHORI-322	3R	12211029	12231740
CH322-178F02	CHORI-322	3L	12767507	12787397
CH322-178F03	CHORI-322	2L	1431094	1451292
CH322-178F04	CHORI-322	3R	19380216	19400410
CH322-178F05	CHORI-322	X	11044669	11062344

CH322-178F07	CHORI-322	2R	17799086	17817523
CH322-178F08	CHORI-322	X	1850842	1870642
CH322-178F09	CHORI-322	2R	16784149	16807680
CH322-178F10	CHORI-322	3L	17768498	17786961
CH322-178F11	CHORI-322	2L	19416309	19436524
CH322-178F13	CHORI-322	3L	11192806	11212815
CH322-178F15	CHORI-322	2L	3132209	3153339
CH322-178F16	CHORI-322	3R	8566271	8586056
CH322-178F18	CHORI-322	X	19845010	19860586
CH322-178F20	CHORI-322	2L	6734406	6754343
CH322-178F21	CHORI-322	3R	14751957	14772402
CH322-178F22	CHORI-322	2R	16554736	16573626
CH322-178F23	CHORI-322	3R	12494875	12515270
CH322-178G02	CHORI-322	3R	8900199	8920912
CH322-178G03	CHORI-322	2R	20376631	20400057
CH322-178G04	CHORI-322	3L	6965761	6985448
CH322-178G05	CHORI-322	4	54447 75907	
CH322-178G06	CHORI-322	2R	3484517	3509043
CH322-178G07	CHORI-322	3R	1140393	1160167
CH322-178G08	CHORI-322	3L	625302	645525
CH322-178G09	CHORI-322	2R	18907688	18926896
CH322-178G10	CHORI-322	2L	13253913	13275445
CH322-178G12	CHORI-322	X	3226062	3247787
CH322-178G13	CHORI-322	2L	11768576	11788751
CH322-178G14	CHORI-322	3L	1896169	1913950
CH322-178G15	CHORI-322	2R	3427989	3450675
CH322-178G16	CHORI-322	3R	302969	322925
CH322-178G17	CHORI-322	3L	4549209	4568250
CH322-178G18	CHORI-322	3L	22658947	22680092
CH322-178G19	CHORI-322	X	13631296	13654924
CH322-178G20	CHORI-322	2R	21120361	21140579
CH322-178G21	CHORI-322	2L	8781440	8802572
CH322-178G22	CHORI-322	3R	22766759	22789667
CH322-178G23	CHORI-322	3R	15230918	15249622
CH322-178G24	CHORI-322	3L	6426119	6448082
CH322-178H01	CHORI-322	2R	18696006	18719012
CH322-178H03	CHORI-322	2R	15082066	15101855
CH322-178H05	CHORI-322	2R	15398626	15420039
CH322-178H06	CHORI-322	2L	3518888	3541544
CH322-178H07	CHORI-322	2R	14208713	14227021
CH322-178H08	CHORI-322	X	20403426	20424764
CH322-178H09	CHORI-322	3L	7992257	8009625
CH322-178H10	CHORI-322	3L	22146307	22166103
CH322-178H11	CHORI-322	2R	3816258	3835738
CH322-178H13	CHORI-322	X	16563112	16584781
CH322-178H15	CHORI-322	3L	13639809	13663600
CH322-178H17	CHORI-322	2R	13993338	14011830
CH322-178H18	CHORI-322	3L	14722630	14746334
CH322-178H19	CHORI-322	3R	10856904	10876214
CH322-178H20	CHORI-322	3L	19441617	19460926
CH322-178H21	CHORI-322	2R	20736036	20755997
CH322-178H22	CHORI-322	3L	5639011	5659446
CH322-178H23	CHORI-322	X	8002138	8020877
CH322-178H24	CHORI-322	ArmU	2114558	2137349

CH322-178I02	CHORI-322	3R	12511402	12534187
CH322-178I03	CHORI-322	3R	24223596	24242922
CH322-178I04	CHORI-322	3R	293526	313928
CH322-178I05	CHORI-322	3R	19820133	19841044
CH322-178I06	CHORI-322	3R	20312435	20332386
CH322-178I07	CHORI-322	3L	3485164	3509416
CH322-178I08	CHORI-322	3R	3464565	3485126
CH322-178I09	CHORI-322	3R	13202082	13220904
CH322-178I10	CHORI-322	3R	5173586	5195739
CH322-178I11	CHORI-322	3L	10881682	10899920
CH322-178I12	CHORI-322	3R	21928232	21949939
CH322-178I13	CHORI-322	2R	3787679	3808911
CH322-178I14	CHORI-322	3L	24003249	24022964
CH322-178I17	CHORI-322	2R	19361530	19381606
CH322-178I19	CHORI-322	2R	7768515	7789569
CH322-178I20	CHORI-322	3L	5519461	5536953
CH322-178I21	CHORI-322	2R	11605657	11627677
CH322-178I22	CHORI-322	X	17996311	18018434
CH322-178I23	CHORI-322	2L	9089294	9107715
CH322-178I24	CHORI-322	3L	23863625	23882605
CH322-178J01	CHORI-322	2RHet	1928786	1949158
CH322-178J04	CHORI-322	3R	1684454	1703976
CH322-178J05	CHORI-322	X	2210611	2233667
CH322-178J06	CHORI-322	3R	14131059	14151187
CH322-178J08	CHORI-322	2R	17881758	17902632
CH322-178J10	CHORI-322	3R	24027587	24046131
CH322-178J11	CHORI-322	3L	9631973	9650042
CH322-178J12	CHORI-322	2R	17005602	17028005
CH322-178J13	CHORI-322	2L	22671691	22691999
CH322-178J14	CHORI-322	2L	5916135	5937719
CH322-178J15	CHORI-322	3R	18729513	18748874
CH322-178J16	CHORI-322	2L	22528482	22549082
CH322-178J17	CHORI-322	2R	17585333	17603772
CH322-178J18	CHORI-322	2L	10788622	10806650
CH322-178J20	CHORI-322	2L	17813189	17834154
CH322-178J24	CHORI-322	2L	5372786	5392094
CH322-178K02	CHORI-322	3R	2847073	2865678
CH322-178K03	CHORI-322	2R	18244313	18264509
CH322-178K04	CHORI-322	3R	19033776	19055927
CH322-178K05	CHORI-322	3R	17256159	17276645
CH322-178K06	CHORI-322	3R	11753055	11772475
CH322-178K07	CHORI-322	X	13146272	13168018
CH322-178K08	CHORI-322	2R	11928377	11950011
CH322-178K09	CHORI-322	2R	13802903	13820901
CH322-178K10	CHORI-322	2L	15116415	15134941
CH322-178K11	CHORI-322	2RHet	1880073	1901760
CH322-178K12	CHORI-322	3R	17729577	17748323
CH322-178K13	CHORI-322	3R	6733836	6753872
CH322-178K14	CHORI-322	3R	6222672	6245322
CH322-178K15	CHORI-322	3R	4446452	4468592
CH322-178K16	CHORI-322	X	7788685	7808265
CH322-178K17	CHORI-322	3R	22282808	22306196
CH322-178K18	CHORI-322	3L	2170009	2191630
CH322-178K20	CHORI-322	3L	8809401	8829543

CH322-178K21	CHORI-322	3L	7527480	7549203
CH322-178K22	CHORI-322	3R	7265982	7284698
CH322-178K23	CHORI-322	3R	20577677	20598770
CH322-178K24	CHORI-322	2L	13279914	13300362
CH322-178L02	CHORI-322	2R	19630531	19651959
CH322-178L03	CHORI-322	3R	12003784	12024125
CH322-178L04	CHORI-322	2L	20900330	20920781
CH322-178L05	CHORI-322	3R	3221127	3244504
CH322-178L06	CHORI-322	3L	9228473	9247007
CH322-178L07	CHORI-322	3R	2000327	2019097
CH322-178L08	CHORI-322	X	20516387	20536279
CH322-178L10	CHORI-322	3L	14122161	14142147
CH322-178L11	CHORI-322	ArmU	1361989	1382998
CH322-178L12	CHORI-322	2R	6805070	6827415
CH322-178L13	CHORI-322	X	20158518	20181905
CH322-178L15	CHORI-322	3L	24344892	24368906
CH322-178L16	CHORI-322	2R	4480953	4501474
CH322-178L17	CHORI-322	2L	2934474	2955680
CH322-178L18	CHORI-322	3R	25971143	25991366
CH322-178L20	CHORI-322	3L	11895510	11916448
CH322-178L21	CHORI-322	2R	17656889	17678782
CH322-178L22	CHORI-322	3R	2337928	2360240
CH322-178L23	CHORI-322	3L	20846029	20866532
CH322-178M03	CHORI-322	3R	8853517	8873394
CH322-178M04	CHORI-322	3R	9139771	9159819
CH322-178M05	CHORI-322	3L	6164169	6187473
CH322-178M07	CHORI-322	3R	14634478	14654234
CH322-178M08	CHORI-322	3R	23747953	23768375
CH322-178M09	CHORI-322	3L	6766507	6784819
CH322-178M10	CHORI-322	2RHet	1283619	1303361
CH322-178M12	CHORI-322	2R	5350097	5370150
CH322-178M13	CHORI-322	3R	3404804	3428314
CH322-178M14	CHORI-322	2L	9197678	9215645
CH322-178M15	CHORI-322	2R	11049971	11073012
CH322-178M16	CHORI-322	2R	18402955	18422982
CH322-178M17	CHORI-322	2R	10006177	10028061
CH322-178M19	CHORI-322	3L	7392619	7413140
CH322-178M20	CHORI-322	2R	12380536	12403650
CH322-178M22	CHORI-322	2L	8082946	8102451
CH322-178M23	CHORI-322	3R	621043	640848
CH322-178N06	CHORI-322	3R	25466891	25490344
CH322-178N07	CHORI-322	3L	18172963	18194181
CH322-178N08	CHORI-322	2L	7308286	7330942
CH322-178N09	CHORI-322	X	15680414	15700079
CH322-178N10	CHORI-322	3L	8252821	8271840
CH322-178N12	CHORI-322	3L	10422561	10443143
CH322-178N14	CHORI-322	3L	12751326	12771299
CH322-178N15	CHORI-322	3L	21680296	21703531
CH322-178N16	CHORI-322	2R	9218984	9237389
CH322-178N17	CHORI-322	3L	13132046	13154857
CH322-178N19	CHORI-322	3L	3485304	3507850
CH322-178N20	CHORI-322	3L	16248905	16269506
CH322-178N21	CHORI-322	X	7998086	8020877
CH322-178O02	CHORI-322	X	6596398	6616590

CH322-178O03	CHORI-322	3L	14825282	14845356
CH322-178O06	CHORI-322	X	5731847	5755044
CH322-178O07	CHORI-322	2R	2467072	2488387
CH322-178O08	CHORI-322	2R	17667616	17687162
CH322-178O09	CHORI-322	3R	13458185	13479336
CH322-178O10	CHORI-322	3R	10729271	10748154
CH322-178O11	CHORI-322	3LHet	634207	654334
CH322-178O12	CHORI-322	2L	19620564	19642784
CH322-178O14	CHORI-322	X	14562664	14582430
CH322-178O15	CHORI-322	X	8673598	8693381
CH322-178O21	CHORI-322	X	11900862	11924670
CH322-178O22	CHORI-322	3R	15312047	15333170
CH322-179A08	CHORI-322	3L	5831855	5852427
CH322-179A11	CHORI-322	2L	18283005	18304023
CH322-179A14	CHORI-322	X	8294061	8316075
CH322-179A17	CHORI-322	3L	7294430	7315361
CH322-179A19	CHORI-322	2R	9603513	9624774
CH322-179A21	CHORI-322	3R	24036536	24057272
CH322-179A23	CHORI-322	3L	15672967	15695662
CH322-179B09	CHORI-322	3R	27454313	27476947
CH322-179B10	CHORI-322	X	454608	473895
CH322-179B18	CHORI-322	3R	23313716	23334361
CH322-179B21	CHORI-322	3L	21127970	21149062
CH322-179B22	CHORI-322	2R	3823714	3844276
CH322-179C03	CHORI-322	3R	19620160	19641047
CH322-179C04	CHORI-322	3L	8529655	8550599
CH322-179C05	CHORI-322	3L	20737636	20760535
CH322-179C08	CHORI-322	2L	7208079	7227127
CH322-179C09	CHORI-322	2L	6495657	6517220
CH322-179C10	CHORI-322	2L	18537585	18556318
CH322-179C11	CHORI-322	2R	13690833	13709680
CH322-179C12	CHORI-322	3R	17917653	17940171
CH322-179C13	CHORI-322	X	6739982	6762525
CH322-179C14	CHORI-322	3R	10220122	10238140
CH322-179C15	CHORI-322	3L	9636688	9659723
CH322-179C16	CHORI-322	3L	14826708	14847148
CH322-179C17	CHORI-322	3R	21750823	21769923
CH322-179C18	CHORI-322	3L	20183178	20203711
CH322-179C21	CHORI-322	2R	9825330	9847697
CH322-179C22	CHORI-322	2R	18388832	18411859
CH322-179C23	CHORI-322	3L	223982	246324
CH322-179C24	CHORI-322	3L	12878320	12896956
CH322-179D05	CHORI-322	3R	18572753	18595674
CH322-179D06	CHORI-322	2R	8831195	8851999
CH322-179D07	CHORI-322	2L	7407095	7428172
CH322-179D08	CHORI-322	2R	16468803	16489317
CH322-179D09	CHORI-322	3R	7317729	7339812
CH322-179D10	CHORI-322	3R	23942047	23963901
CH322-179D12	CHORI-322	X	11930394	11949835
CH322-179D13	CHORI-322	X	6064904	6087243
CH322-179D14	CHORI-322	3R	535690	558149
CH322-179D15	CHORI-322	2L	3619832	3639113
CH322-179D16	CHORI-322	3R	1847555	1868629
CH322-179D17	CHORI-322	2L	1002008	1024370

CH322-179D18	CHORI-322	2R	20551948	20571330
CH322-179D19	CHORI-322	3R	11824424	11844739
CH322-179D20	CHORI-322	X	1072332	1092653
CH322-179D21	CHORI-322	2R	8561456	8581226
CH322-179D22	CHORI-322	2L	8741256	8762858
CH322-179D23	CHORI-322	2L	8485940	8505585
CH322-179E11	CHORI-322	3L	10540739	10561521
CH322-179E13	CHORI-322	2R	12385071	12404813
CH322-179E14	CHORI-322	3L	472084	493313
CH322-179E16	CHORI-322	2L	4119954	4139895
CH322-179E17	CHORI-322	2R	700796	721401
CH322-179E18	CHORI-322	2L	2972967	2995479
CH322-179E19	CHORI-322	2R	6388855	6408374
CH322-179E20	CHORI-322	3L	9163762	9184914
CH322-179E22	CHORI-322	2R	20654859	20675810
CH322-179E23	CHORI-322	2L	8132273	8152154
CH322-179F08	CHORI-322	X	21234694	21254836
CH322-179F10	CHORI-322	2L	6192389	6216357
CH322-179F11	CHORI-322	X	7801504	7822281
CH322-179F12	CHORI-322	3L	8832094	8853208
CH322-179F13	CHORI-322	3R	8738562	8758549
CH322-179F14	CHORI-322	2L	10924050	10943403
CH322-179F16	CHORI-322	X	11717175	11740032
CH322-179F19	CHORI-322	3R	16689107	16712142
CH322-179F20	CHORI-322	3R	476949	496454
CH322-179F23	CHORI-322	X	15094721	15117011
CH322-179F24	CHORI-322	3L	7964187	7985644
CH322-179G03	CHORI-322	3L	11303604	11324377
CH322-179G07	CHORI-322	2L	1240121	1261575
CH322-179G08	CHORI-322	3R	18819550	18837837
CH322-179G09	CHORI-322	3R	1575498	1596735
CH322-179G10	CHORI-322	X	11625374	11648808
CH322-179G12	CHORI-322	3R	18848813	18868770
CH322-179G13	CHORI-322	3R	13715451	13736868
CH322-179G14	CHORI-322	X	16698084	16721469
CH322-179G15	CHORI-322	2R	12788145	12809042
CH322-179G16	CHORI-322	2R	20913222	20933111
CH322-179G17	CHORI-322	3R	3276215	3298082
CH322-179G18	CHORI-322	2L	13673808	13695814
CH322-179G19	CHORI-322	2R	407689	429028
CH322-179G20	CHORI-322	2R	18504422	18524379
CH322-179G21	CHORI-322	3R	23340670	23363115
CH322-179G22	CHORI-322	3R	11312352	11333937
CH322-179G23	CHORI-322	3L	19943813	19965720
CH322-179H04	CHORI-322	2L	915565	937606
CH322-179H06	CHORI-322	3L	10091185	10110933
CH322-179H08	CHORI-322	4	415946	438031
CH322-179H09	CHORI-322	2L	4878076	4898887
CH322-179H10	CHORI-322	3R	7016890	7036767
CH322-179H11	CHORI-322	2L	5898177	5919156
CH322-179H12	CHORI-322	3R	17708787	17730989
CH322-179H13	CHORI-322	2R	15709712	15731053
CH322-179H15	CHORI-322	3L	14889151	14908004
CH322-179H16	CHORI-322	X	14353450	14374057

CH322-179H18	CHORI-322	2R	5649356	5670211
CH322-179H19	CHORI-322	2L	12131388	12152506
CH322-179H20	CHORI-322	3R	15640017	15661204
CH322-179H21	CHORI-322	3L	5600485	5622651
CH322-179H22	CHORI-322	2L	4655832	4678514
CH322-179H23	CHORI-322	2RHet	821776	840253
CH322-179H24	CHORI-322	2L	5623067	5642197
CH322-179I07	CHORI-322	3R	11107353	11126412
CH322-179I08	CHORI-322	2L	3814940	3837528
CH322-179I09	CHORI-322	3R	19385151	19405453
CH322-179I10	CHORI-322	2R	9929534	9951069
CH322-179I11	CHORI-322	X	21129371	21151304
CH322-179I12	CHORI-322	3L	15026808	15048637
CH322-179I13	CHORI-322	2R	17608765	17627897
CH322-179I14	CHORI-322	X	18528602	18549991
CH322-179I15	CHORI-322	2R	16033427	16056242
CH322-179I16	CHORI-322	3L	11517845	11539826
CH322-179I17	CHORI-322	2R	3535675	3558504
CH322-179I18	CHORI-322	4	524708	546933
CH322-179I19	CHORI-322	2L	5998792	6021890
CH322-179I20	CHORI-322	3R	5359302	5378733
CH322-179I21	CHORI-322	2R	4608471	4627895
CH322-179I22	CHORI-322	3R	26478979	26502129
CH322-179I23	CHORI-322	3L	16238699	16260122
CH322-179J03	CHORI-322	3R	16430896	16452409
CH322-179J06	CHORI-322	X	3023914	3043802
CH322-179J07	CHORI-322	3R	22241971	22266118
CH322-179J08	CHORI-322	2L	12432742	12453799
CH322-179J09	CHORI-322	3R	11019953	11042133
CH322-179J10	CHORI-322	3L	7702237	7721262
CH322-179J11	CHORI-322	2R	20154334	20175833
CH322-179J12	CHORI-322	3L	657650	680072
CH322-179J13	CHORI-322	3R	18897284	18918362
CH322-179J17	CHORI-322	3L	2698153	2718842
CH322-179J18	CHORI-322	3R	14281615	14304961
CH322-179J19	CHORI-322	2R	8936797	8960497
CH322-179J24	CHORI-322	X	15116135	15138570
CH322-179K04	CHORI-322	3R	12073303	12094859
CH322-179K05	CHORI-322	X	22252740	22272367
CH322-179K06	CHORI-322	3R	17491131	17509506
CH322-179K07	CHORI-322	3R	10652376	10671559
CH322-179K08	CHORI-322	3L	15898227	15920808
CH322-179K10	CHORI-322	3R	23891213	23914734
CH322-179K11	CHORI-322	3R	8927910	8948778
CH322-179K13	CHORI-322	3L	22331250	22351462
CH322-179K14	CHORI-322	3R	13797294	13817520
CH322-179K15	CHORI-322	3R	8881945	8899992
CH322-179K16	CHORI-322	3L	21413356	21433846
CH322-179K17	CHORI-322	2R	7107841	7126366
CH322-179K18	CHORI-322	3R	4168586	4190678
CH322-179K19	CHORI-322	3R	6598470	6618873
CH322-179K20	CHORI-322	2L	15528323	15548370
CH322-179K22	CHORI-322	X	3654615	3676487
CH322-179K23	CHORI-322	3R	13789382	13810239

CH322-179L06	CHORI-322	3LHet	2266230	2285781
CH322-179L07	CHORI-322	2R	12949626	12971878
CH322-179L09	CHORI-322	3R	831530	851905
CH322-179L10	CHORI-322	2RHet	1933330	1956811
CH322-179L11	CHORI-322	2L	2339686	2359679
CH322-179L12	CHORI-322	3R	22016096	22035927
CH322-179L13	CHORI-322	3L	11463711	11486136
CH322-179L14	CHORI-322	3R	6757284	6776734
CH322-179L15	CHORI-322	2R	12737376	12759039
CH322-179L16	CHORI-322	2L	10532782	10551304
CH322-179L17	CHORI-322	2R	5574812	5596602
CH322-179L18	CHORI-322	2L	7950916	7972503
CH322-179L19	CHORI-322	3R	6457028	6475792
CH322-179L21	CHORI-322	X	7064706	7086523
CH322-179L22	CHORI-322	3R	24911351	24932399
CH322-179L23	CHORI-322	X	14044160	14063282
CH322-179L24	CHORI-322	2L	2995748	3016950
CH322-179M06	CHORI-322	3L	2368160	2390770
CH322-179M08	CHORI-322	3R	23507314	23529135
CH322-179M10	CHORI-322	2L	16412304	16431802
CH322-179M12	CHORI-322	2L	787684	807111
CH322-179M13	CHORI-322	2R	15487413	15508222
CH322-179M14	CHORI-322	2L	15994626	16013676
CH322-179M15	CHORI-322	3L	16017816	16039385
CH322-179M16	CHORI-322	3R	14712026	14734633
CH322-179M17	CHORI-322	3L	20956872	20974047
CH322-179M19	CHORI-322	3L	3883418	3904448
CH322-179M20	CHORI-322	3R	24471982	24492035
CH322-179M21	CHORI-322	2R	9745618	9765230
CH322-179M22	CHORI-322	X	17709457	17731125
CH322-179M23	CHORI-322	3R	14391361	14414092
CH322-179N09	CHORI-322	2L	2239081	2259574
CH322-179N14	CHORI-322	3L	17472912	17493358
CH322-179N15	CHORI-322	2R	15099525	15119016
CH322-179N16	CHORI-322	3R	2628890	2649628
CH322-179N17	CHORI-322	2L	21818860	21839972
CH322-179N20	CHORI-322	2L	13189321	13210687
CH322-179N21	CHORI-322	3L	24484885	24504795
CH322-179N22	CHORI-322	2L	6818607	6840107
CH322-179N23	CHORI-322	3R	24513039	24533868
CH322-179N24	CHORI-322	2L	5631210	5652765
CH322-179O07	CHORI-322	2R	12132646	12154862
CH322-179O09	CHORI-322	3R	19049978	19071232
CH322-179O10	CHORI-322	3R	12329541	12349761
CH322-179O11	CHORI-322	3L	9570539	9588838
CH322-179O13	CHORI-322	2R	3390042	3411731
CH322-179O14	CHORI-322	2L	7946198	7968845
CH322-179O15	CHORI-322	3L	16730459	16750465
CH322-179O16	CHORI-322	3R	931830	955333
CH322-179O17	CHORI-322	X	20897741	20919633
CH322-179O20	CHORI-322	3R	25267994	25285262
CH322-179O21	CHORI-322	2R	20355752	20375251
CH322-179O22	CHORI-322	3R	4316761	4335980
CH322-179O23	CHORI-322	X	1776068	1799317

CH322-179O24	CHORI-322	3L	22344777	22367159
CH322-179P19	CHORI-322	2R	12959482	12977545
CH322-179P21	CHORI-322	3R	6029912	6051086
CH322-179P24	CHORI-322	2L	14957677	14976561
CH322-17A02	CHORI-322	3R	24974354	24995634
CH322-17A03	CHORI-322	3R	19400407	19421220
CH322-17A05	CHORI-322	3R	4622112	4644105
CH322-17A06	CHORI-322	X	15995177	16014424
CH322-17A08	CHORI-322	3L	7485916	7507088
CH322-17A10	CHORI-322	2L	18732700	18756113
CH322-17A13	CHORI-322	3L	12265975	12288944
CH322-17A14	CHORI-322	3R	16626088	16646588
CH322-17A15	CHORI-322	3L	5363966	5383228
CH322-17A17	CHORI-322	2R	20489693	20510509
CH322-17A20	CHORI-322	2L	12670950	12693107
CH322-17A21	CHORI-322	2L	6048882	6068349
CH322-17A22	CHORI-322	3L	18392474	18411837
CH322-17A23	CHORI-322	2R	18067987	18088501
CH322-17B03	CHORI-322	2L	5014978	5036944
CH322-17B04	CHORI-322	4	78031	94805
CH322-17B10	CHORI-322	2L	8222288	8248212
CH322-17B14	CHORI-322	X	6640089	6660980
CH322-17B15	CHORI-322	2R	14721379	14744734
CH322-17B23	CHORI-322	2R	15399163	15422422
CH322-17B24	CHORI-322	3L	21326084	21346804
CH322-17C02	CHORI-322	3R	14059510	14081774
CH322-17C03	CHORI-322	3L	17444549	17467314
CH322-17C05	CHORI-322	3R	20591710	20616437
CH322-17C06	CHORI-322	3R	7863752	7885709
CH322-17C08	CHORI-322	2R	5119015	5140607
CH322-17C09	CHORI-322	2L	15731084	15754360
CH322-17C11	CHORI-322	3R	13855294	13878133
CH322-17C13	CHORI-322	3L	15130586	15152394
CH322-17C14	CHORI-322	3R	20316629	20339797
CH322-17C16	CHORI-322	X	11351596	11376187
CH322-17D02	CHORI-322	3R	25658604	25683027
CH322-17D03	CHORI-322	3R	24848961	24871002
CH322-17D04	CHORI-322	X	9592240	9616660
CH322-17D05	CHORI-322	3R	9951845	9976205
CH322-17D06	CHORI-322	2L	16889382	16914451
CH322-17D08	CHORI-322	2R	13592644	13616928
CH322-17D10	CHORI-322	4	197213	219667
CH322-17D17	CHORI-322	2L	7642921	7664274
CH322-17E01	CHORI-322	2L	21844978	21866666
CH322-17E04	CHORI-322	3R	11894052	11914496
CH322-17E10	CHORI-322	2R	1195902	1217526
CH322-17E12	CHORI-322	2R	6843104	6865048
CH322-17E13	CHORI-322	3L	23744921	23764634
CH322-17E19	CHORI-322	3L	7226577	7249104
CH322-17F01	CHORI-322	2L	1700769	1722273
CH322-17F03	CHORI-322	3R	8224977	8250454
CH322-17F04	CHORI-322	3L	14922647	14943761
CH322-17F05	CHORI-322	4	1258198	1277091
CH322-17F06	CHORI-322	X	15694433	15718028

CH322-17F10	CHORI-322	2L	20900329	20923154
CH322-17F11	CHORI-322	2R	12516893	12538717
CH322-17F15	CHORI-322	2RHet	1704189	1724572
CH322-17F19	CHORI-322	2R	3276135	3295807
CH322-17F22	CHORI-322	3L	8903103	8927195
CH322-17G02	CHORI-322	2L	7795853	7817169
CH322-17G03	CHORI-322	2R	9808344	9827906
CH322-17G10	CHORI-322	3L	18672539	18697090
CH322-17G11	CHORI-322	2L	661946	684366
CH322-17G12	CHORI-322	2L	9709607	9729871
CH322-17G13	CHORI-322	X	1738034	1758868
CH322-17G22	CHORI-322	3R	25820724	25845615
CH322-17G23	CHORI-322	X	13796542	13819708
CH322-17H02	CHORI-322	2L	8844925	8865086
CH322-17H03	CHORI-322	3L	12666655	12689945
CH322-17H04	CHORI-322	X	982554	1001990
CH322-17H05	CHORI-322	4	748590	768406
CH322-17H06	CHORI-322	3L	23439253	23462002
CH322-17H07	CHORI-322	3R	4785507	4805970
CH322-17H09	CHORI-322	X	10089788	10111854
CH322-17H10	CHORI-322	2L	2946319	2968710
CH322-17H14	CHORI-322	X	18148150	18171465
CH322-17H22	CHORI-322	2R	12217748	12237787
CH322-17I01	CHORI-322	2L	13074637	13094043
CH322-17I04	CHORI-322	2R	11484448	11506369
CH322-17I05	CHORI-322	2L	11624854	11646442
CH322-17I06	CHORI-322	2L	7950987	7971962
CH322-17I09	CHORI-322	2L	14744555	14766908
CH322-17I11	CHORI-322	X	16939359	16961922
CH322-17I12	CHORI-322	2L	16262323	16284769
CH322-17I13	CHORI-322	3R	10426062	10448955
CH322-17I15	CHORI-322	2L	8203389	8228280
CH322-17I19	CHORI-322	3R	14036984	14059492
CH322-17I20	CHORI-322	2L	2747619	2770370
CH322-17I21	CHORI-322	X	6473539	6494430
CH322-17I22	CHORI-322	2R	10807019	10828511
CH322-17J01	CHORI-322	2R	4639544	4660218
CH322-17J03	CHORI-322	2L	9588074	9611215
CH322-17J04	CHORI-322	2L	8224965	8248572
CH322-17J05	CHORI-322	2L	7474818	7499508
CH322-17J14	CHORI-322	3R	1628917	1651619
CH322-17J17	CHORI-322	3L	380384	400547
CH322-17J21	CHORI-322	3R	27629302	27653467
CH322-17K02	CHORI-322	2R	827207	847249
CH322-17K05	CHORI-322	2L	1061732	1082326
CH322-17K11	CHORI-322	3L	19524126	19546330
CH322-17K12	CHORI-322	2L	15241604	15263596
CH322-17K14	CHORI-322	2R	20645369	20667825
CH322-17K15	CHORI-322	2R	4335202	4358536
CH322-17K16	CHORI-322	3R	12140372	12159955
CH322-17K17	CHORI-322	3R	3574180	3594516
CH322-17K21	CHORI-322	3R	12625346	12647556
CH322-17K22	CHORI-322	3L	708302	729366
CH322-17K23	CHORI-322	3R	15921977	15942740

CH322-17K24	CHORI-322	2L	4804081	4826480
CH322-17L02	CHORI-322	3R	18269380	18291371
CH322-17L03	CHORI-322	2R	5727729	5750685
CH322-17L04	CHORI-322	X	12499351	12521860
CH322-17L05	CHORI-322	2R	17839484	17859699
CH322-17L06	CHORI-322	3R	24469264	24490651
CH322-17L08	CHORI-322	3R	11830184	11852949
CH322-17L09	CHORI-322	3R	24329382	24354848
CH322-17L12	CHORI-322	3L	23316272	23335803
CH322-17L13	CHORI-322	2R	7568320	7589748
CH322-17L14	CHORI-322	3R	12036287	12059930
CH322-17L15	CHORI-322	3R	20291643	20312910
CH322-17L16	CHORI-322	2R	7082913	7102378
CH322-17L21	CHORI-322	X	19105185	19126393
CH322-17L22	CHORI-322	3R	27637666	27660948
CH322-17M02	CHORI-322	2L	22568691	22588945
CH322-17M04	CHORI-322	3R	23516699	23537878
CH322-17M05	CHORI-322	3R	2258014	2281246
CH322-17M08	CHORI-322	3R	19635935	19660572
CH322-17M09	CHORI-322	X	2019649	2040012
CH322-17M12	CHORI-322	3R	18937234	18958247
CH322-17M14	CHORI-322	3L	17362801	17383798
CH322-17M17	CHORI-322	3R	18970326	18991326
CH322-17M18	CHORI-322	3L	21096076	21115958
CH322-17M19	CHORI-322	3L	2762223	2783835
CH322-17M20	CHORI-322	2L	8311682	8333367
CH322-17M23	CHORI-322	3R	5561879	5580770
CH322-17M24	CHORI-322	3R	11699062	11723032
CH322-17N01	CHORI-322	2L	22036349	22055700
CH322-17N02	CHORI-322	3R	27363103	27384089
CH322-17N03	CHORI-322	X	20512752	20531761
CH322-17N04	CHORI-322	3L	4041481	4063909
CH322-17N05	CHORI-322	3L	13203637	13225599
CH322-17N06	CHORI-322	2L	207811	229394
CH322-17N08	CHORI-322	2L	6106860	6129000
CH322-17N09	CHORI-322	3R	13257774	13277700
CH322-17N10	CHORI-322	2R	15171363	15194397
CH322-17N11	CHORI-322	3L	21809263	21830074
CH322-17N14	CHORI-322	3R	4756462	4774084
CH322-17N15	CHORI-322	3L	12126582	12149273
CH322-17N18	CHORI-322	X	20930065	20951841
CH322-17N19	CHORI-322	2R	9011245	9035087
CH322-17N20	CHORI-322	3R	6561206	6583029
CH322-17N23	CHORI-322	2R	11370131	11392234
CH322-17O01	CHORI-322	2L	6753970	6779275
CH322-17O02	CHORI-322	2L	22890357	22911119
CH322-17O03	CHORI-322	2L	11833137	11856661
CH322-17O04	CHORI-322	2R	17933694	17953682
CH322-17O05	CHORI-322	3R	14598172	14618024
CH322-17O08	CHORI-322	2L	22606308	22627098
CH322-17O09	CHORI-322	2R	8526303	8545887
CH322-17O10	CHORI-322	2R	4498175	4521050
CH322-17O12	CHORI-322	3R	14055254	14079554
CH322-17O13	CHORI-322	3L	8057610	8077679

CH322-17O18	CHORI-322	3R	25957779	25982071
CH322-17O19	CHORI-322	X	10832034	10854443
CH322-17O21	CHORI-322	3R	19273852	19297489
CH322-17O22	CHORI-322	2L	413298	435240
CH322-17O24	CHORI-322	2L	10406174	10429010
CH322-17P01	CHORI-322	2R	14363088	14386931
CH322-17P04	CHORI-322	2L	17055508	17077405
CH322-17P05	CHORI-322	3R	8780360	8803184
CH322-17P06	CHORI-322	X	17962214	17986071
CH322-17P07	CHORI-322	3R	9146566	9170380
CH322-17P09	CHORI-322	2R	3357248	3380783
CH322-17P10	CHORI-322	X	16891270	16911741
CH322-17P21	CHORI-322	3R	23145844	23164672
CH322-17P22	CHORI-322	2L	8004860	8025014
CH322-17P24	CHORI-322	3L	14958966	14979841
CH322-180A01	CHORI-322	X	4531476	4552340
CH322-180A02	CHORI-322	3L	12389681	12410517
CH322-180A03	CHORI-322	X	3934346	3954360
CH322-180A04	CHORI-322	2R	19253112	19273653
CH322-180A05	CHORI-322	2L	13476681	13495739
CH322-180A09	CHORI-322	3L	4050958	4071095
CH322-180A10	CHORI-322	X	1603837	1624794
CH322-180A12	CHORI-322	X	1002272	1024762
CH322-180A13	CHORI-322	3R	17509303	17530883
CH322-180A14	CHORI-322	3L	14517616	14537763
CH322-180A15	CHORI-322	2R	10614847	10637287
CH322-180A16	CHORI-322	3L	21396910	21417640
CH322-180A18	CHORI-322	X	21834248	21854354
CH322-180A19	CHORI-322	2L	22592443	22612988
CH322-180A22	CHORI-322	3L	10371802	10391343
CH322-180B01	CHORI-322	X	18470135	18493592
CH322-180B04	CHORI-322	2R	9257119	9278728
CH322-180B05	CHORI-322	3R	3266643	3288763
CH322-180B07	CHORI-322	2R	6668772	6689026
CH322-180B09	CHORI-322	3L	24291110	24311725
CH322-180B11	CHORI-322	2L	10888768	10908397
CH322-180B12	CHORI-322	3R	8832973	8855609
CH322-180B13	CHORI-322	X	10551897	10573661
CH322-180B14	CHORI-322	3L	10195210	10214620
CH322-180B17	CHORI-322	X	11292453	11313688
CH322-180B19	CHORI-322	3R	18203268	18223803
CH322-180B20	CHORI-322	3L	5511940	5532004
CH322-180B23	CHORI-322	3L	13345420	13364210
CH322-180B24	CHORI-322	2L	8207452	8228619
CH322-180C02	CHORI-322	2R	673611	695886
CH322-180C03	CHORI-322	ArmU	2414311	2435518
CH322-180C04	CHORI-322	2R	3570075	3591123
CH322-180C05	CHORI-322	2R	7324046	7345217
CH322-180C06	CHORI-322	2R	16046701	16066568
CH322-180C08	CHORI-322	3R	12503597	12522797
CH322-180C09	CHORI-322	3R	24344529	24366646
CH322-180C11	CHORI-322	2R	10688257	10705634
CH322-180C12	CHORI-322	3L	18284109	18306791
CH322-180C13	CHORI-322	3R	9561056	9582250

CH322-180C14	CHORI-322	3R	19600576	19620528
CH322-180C15	CHORI-322	3L	19532220	19554220
CH322-180C17	CHORI-322	3R	21457964	21479732
CH322-180C18	CHORI-322	3R	15015894	15035758
CH322-180C19	CHORI-322	2R	11623528	11643455
CH322-180C21	CHORI-322	2L	14276051	14296852
CH322-180C23	CHORI-322	3L	689055	708336
CH322-180C24	CHORI-322	X	19296659	19317162
CH322-180D01	CHORI-322	X	6934585	6952128
CH322-180D04	CHORI-322	3R	15234303	15253898
CH322-180D05	CHORI-322	X	8451219	8471035
CH322-180D06	CHORI-322	2R	18403625	18424050
CH322-180D07	CHORI-322	3R	14398826	14417627
CH322-180D08	CHORI-322	X	7695073	7713351
CH322-180D09	CHORI-322	2L	10363102	10385411
CH322-180D10	CHORI-322	3L	10656993	10678747
CH322-180D11	CHORI-322	3L	11614478	11636117
CH322-180D12	CHORI-322	3R	14224183	14246497
CH322-180D13	CHORI-322	3R	13861509	13883095
CH322-180D15	CHORI-322	3L	10384480	10405189
CH322-180D16	CHORI-322	2L	10086225	10109750
CH322-180D17	CHORI-322	3R	22461215	22482538
CH322-180D18	CHORI-322	X	19266521	19288161
CH322-180D19	CHORI-322	X	17944484	17963103
CH322-180D20	CHORI-322	2R	7148087	7167787
CH322-180D23	CHORI-322	3R	759949	779581
CH322-180D24	CHORI-322	X	5712166	5730444
CH322-180E06	CHORI-322	3R	22072553	22091876
CH322-180E07	CHORI-322	3R	24170721	24192789
CH322-180E08	CHORI-322	3R	7685520	7702397
CH322-180E10	CHORI-322	X	2665083	2686019
CH322-180E11	CHORI-322	X	1476534	1495970
CH322-180E12	CHORI-322	3R	26335655	26354567
CH322-180E13	CHORI-322	3R	14656282	14677551
CH322-180E15	CHORI-322	3L	161839	183477
CH322-180E16	CHORI-322	3L	4298202	4321927
CH322-180E17	CHORI-322	2R	6787118	6808673
CH322-180E20	CHORI-322	X	12931426	12952943
CH322-180E21	CHORI-322	X	936498	956202
CH322-180E22	CHORI-322	3R	1318290	1337946
CH322-180E23	CHORI-322	3R	10186088	10207230
CH322-180F04	CHORI-322	3R	14540095	14561285
CH322-180F05	CHORI-322	3L	7122405	7141909
CH322-180F06	CHORI-322	3R	7396801	7419447
CH322-180F08	CHORI-322	3R	13661322	13683823
CH322-180F09	CHORI-322	X	17581225	17602990
CH322-180F10	CHORI-322	3R	4394533	4417127
CH322-180F12	CHORI-322	2R	8079501	8098542
CH322-180F13	CHORI-322	3R	13000892	13019459
CH322-180F14	CHORI-322	3R	23576411	23596927
CH322-180F15	CHORI-322	X	4973235	4992632
CH322-180F16	CHORI-322	2L	12171899	12190587
CH322-180F17	CHORI-322	3R	679126	702575
CH322-180F18	CHORI-322	2R	14507819	14529226

CH322-180F21	CHORI-322	2L	10265946	10287032
CH322-180F22	CHORI-322	3L	18509719	18532727
CH322-180F23	CHORI-322	2R	15590591	15609146
CH322-180F24	CHORI-322	3R	20319951	20339809
CH322-180G02	CHORI-322	2L	20263351	20283872
CH322-180G03	CHORI-322	3L	10678496	10698933
CH322-180G04	CHORI-322	3R	26045995	26066076
CH322-180G05	CHORI-322	3R	4824121	4846800
CH322-180G07	CHORI-322	3L	22980316	23000120
CH322-180G08	CHORI-322	3R	9395489	9413529
CH322-180G13	CHORI-322	3R	26019628	26042106
CH322-180G15	CHORI-322	X	4064940	4087128
CH322-180G16	CHORI-322	X	17457220	17476696
CH322-180G17	CHORI-322	X	5933246	5954500
CH322-180G18	CHORI-322	2R	1717997	1738084
CH322-180G19	CHORI-322	3L	12155848	12175677
CH322-180G21	CHORI-322	3R	20599806	20620925
CH322-180G22	CHORI-322	3L	13946985	13967333
CH322-180G23	CHORI-322	3L	9695519	9717860
CH322-180H03	CHORI-322	2R	8746318	8765361
CH322-180H04	CHORI-322	X	3315264	3333460
CH322-180H05	CHORI-322	2L	20626861	20646101
CH322-180H06	CHORI-322	2L	463135	487146
CH322-180H07	CHORI-322	3L	20039265	20059084
CH322-180H08	CHORI-322	3L	4179728	4201996
CH322-180H09	CHORI-322	3L	7177618	7200276
CH322-180H10	CHORI-322	3R	13848007	13869192
CH322-180H13	CHORI-322	2L	6389294	6413562
CH322-180H15	CHORI-322	3R	1842448	1863015
CH322-180H16	CHORI-322	3LHet	764958	784752
CH322-180H17	CHORI-322	X	4314030	4331945
CH322-180H18	CHORI-322	2L	21729830	21748646
CH322-180H19	CHORI-322	2R	8377499	8397905
CH322-180H20	CHORI-322	3R	8749444	8771587
CH322-180H21	CHORI-322	2R	6531747	6553124
CH322-180H22	CHORI-322	2R	2427184	2447601
CH322-180H23	CHORI-322	3R	503269	523316
CH322-180H24	CHORI-322	3L	10383853	10407125
CH322-180I02	CHORI-322	3R	10310334	10329596
CH322-180I03	CHORI-322	X	6434538	6454225
CH322-180I05	CHORI-322	2R	17445757	17468601
CH322-180I07	CHORI-322	2L	18875751	18895803
CH322-180I08	CHORI-322	2R	12620810	12643858
CH322-180I09	CHORI-322	2RHet	623662	644393
CH322-180I10	CHORI-322	2R	15524331	15546734
CH322-180I11	CHORI-322	X	14435676	14457639
CH322-180I12	CHORI-322	2L	6694153	6716673
CH322-180I13	CHORI-322	2L	2589689	2610517
CH322-180I14	CHORI-322	3R	16663650	16686681
CH322-180I15	CHORI-322	2R	11918175	11941597
CH322-180I16	CHORI-322	3R	22566911	22585778
CH322-180I18	CHORI-322	2R	7824034	7844736
CH322-180I19	CHORI-322	2R	5880568	5900590
CH322-180I20	CHORI-322	3L	12990002	13009836

CH322-180I21	CHORI-322	2L	10122398	10143337
CH322-180I22	CHORI-322	X	8256077	8275857
CH322-180I23	CHORI-322	3R	1309296	1332381
CH322-180I24	CHORI-322	3R	19417610	19437858
CH322-180J03	CHORI-322	X	7357278	7376429
CH322-180J04	CHORI-322	3L	15095268	15115235
CH322-180J05	CHORI-322	X	3766951	3790464
CH322-180J06	CHORI-322	3R	13143575	13164499
CH322-180J07	CHORI-322	2L	13642439	13664550
CH322-180J08	CHORI-322	2R	2657144	2677519
CH322-180J09	CHORI-322	3R	11286798	11309873
CH322-180J10	CHORI-322	2R	11311703	11330388
CH322-180J11	CHORI-322	2RHet	3001160	3020144
CH322-180J12	CHORI-322	3R	26245795	26268681
CH322-180J13	CHORI-322	2R	18499880	18520727
CH322-180J14	CHORI-322	X	3855134	3874772
CH322-180J15	CHORI-322	3L	23747550	23767467
CH322-180J16	CHORI-322	2L	8977808	8997089
CH322-180J17	CHORI-322	2L	5838167	5860128
CH322-180J18	CHORI-322	2R	6288635	6308623
CH322-180J21	CHORI-322	2R	19779807	19801440
CH322-180J22	CHORI-322	3R	19036785	19059515
CH322-180J24	CHORI-322	3L	18923415	18943277
CH322-180K02	CHORI-322	X	14317190	14340954
CH322-180K03	CHORI-322	3L	16008575	16029568
CH322-180K04	CHORI-322	2L	10439865	10459074
CH322-180K05	CHORI-322	3L	11713365	11732879
CH322-180K06	CHORI-322	3L	4381852	4403750
CH322-180K07	CHORI-322	X	15424527	15444484
CH322-180K10	CHORI-322	3R	23019869	23040901
CH322-180K11	CHORI-322	3L	14659431	14680888
CH322-180K13	CHORI-322	2L	8629714	8649939
CH322-180K14	CHORI-322	2L	919226	940433
CH322-180K15	CHORI-322	2R	15590508	15609530
CH322-180K16	CHORI-322	2R	19213222	19234851
CH322-180K18	CHORI-322	2R	20663095	20685432
CH322-180K20	CHORI-322	3R	3759891	3779052
CH322-180K21	CHORI-322	3R	27152952	27174926
CH322-180K23	CHORI-322	3L	9012884	9032630
CH322-180L02	CHORI-322	X	11034293	11055511
CH322-180L03	CHORI-322	3R	21181140	21200176
CH322-180L05	CHORI-322	2R	18012822	18032254
CH322-180L06	CHORI-322	2R	11490688	11510487
CH322-180L07	CHORI-322	2L	18621023	18643566
CH322-180L08	CHORI-322	X	12341361	12360289
CH322-180L11	CHORI-322	3R	26158019	26178671
CH322-180L12	CHORI-322	2L	3332513	3350700
CH322-180L13	CHORI-322	3L	16141663	16163156
CH322-180L14	CHORI-322	3R	21580103	21600730
CH322-180L15	CHORI-322	X	13698526	13720986
CH322-180L16	CHORI-322	2L	20039107	20060049
CH322-180L17	CHORI-322	3L	17685893	17705664
CH322-180L18	CHORI-322	3L	8564645	8587522
CH322-180L19	CHORI-322	X	19730785	19751389

CH322-180L20	CHORI-322	3R	19720291	19740251
CH322-180L21	CHORI-322	3L	23443728	23465760
CH322-180L22	CHORI-322	3R	19845002	19865472
CH322-180L23	CHORI-322	3L	18695160	18716657
CH322-180M03	CHORI-322	2R	12702259	12723237
CH322-180M05	CHORI-322	2L	3953439	3973643
CH322-180M06	CHORI-322	3R	3874687	3895132
CH322-180M07	CHORI-322	3L	17717856	17739333
CH322-180M08	CHORI-322	3L	1621292	1644141
CH322-180M09	CHORI-322	3R	27572672	27593441
CH322-180M11	CHORI-322	3L	4864154	4885397
CH322-180M13	CHORI-322	2L	22818645	22838105
CH322-180M15	CHORI-322	X	863082	882275
CH322-180M16	CHORI-322	3LHet	654331	677027
CH322-180M17	CHORI-322	2L	1576153	1596228
CH322-180M18	CHORI-322	2R	6041668	6060075
CH322-180M19	CHORI-322	3R	3711715	3732290
CH322-180M20	CHORI-322	2L	18654415	18676788
CH322-180M23	CHORI-322	3R	4741215	4762647
CH322-180M24	CHORI-322	2L	10498562	10518558
CH322-180N05	CHORI-322	2RHet	1444155	1460290
CH322-180N06	CHORI-322	2R	5202085	5224535
CH322-180N07	CHORI-322	3R	17506300	17528300
CH322-180N08	CHORI-322	2R	11311703	11330388
CH322-180N09	CHORI-322	3L	2844158	2863674
CH322-180N13	CHORI-322	2L	9240428	9260022
CH322-180N16	CHORI-322	3L	15218741	15236862
CH322-180N18	CHORI-322	2R	2427184	2447601
CH322-180N21	CHORI-322	3R	27160928	27180674
CH322-180N22	CHORI-322	3R	10841578	10862323
CH322-180N23	CHORI-322	3R	19490572	19512447
CH322-180O05	CHORI-322	3R	5672052	5691246
CH322-180O06	CHORI-322	3LHet	285443	304480
CH322-180O08	CHORI-322	3R	9984220	10006720
CH322-180O10	CHORI-322	2R	13562378	13583090
CH322-180O11	CHORI-322	2L	19842891	19863707
CH322-180O12	CHORI-322	2L	22150256	22171483
CH322-180O13	CHORI-322	3L	21264537	21283582
CH322-180O15	CHORI-322	2L	14090699	14110145
CH322-180O17	CHORI-322	2R	10545799	10565487
CH322-180O19	CHORI-322	2L	16211976	16232338
CH322-180O21	CHORI-322	3R	25212039	25231526
CH322-180O22	CHORI-322	3R	13328508	13347826
CH322-180P12	CHORI-322	X	8419171	8442736
CH322-180P13	CHORI-322	3R	811118	833315
CH322-180P14	CHORI-322	3R	7748711	7772326
CH322-180P17	CHORI-322	3R	25586 49072	
CH322-180P19	CHORI-322	3L	4870301	4891258
CH322-181A01	CHORI-322	2L	11295407	11316292
CH322-181A04	CHORI-322	3L	1180851	1201126
CH322-181A05	CHORI-322	2R	6787118	6810340
CH322-181A06	CHORI-322	2L	10251546	10268867
CH322-181A08	CHORI-322	3L	2832670	2854729
CH322-181A09	CHORI-322	3R	21783878	21803520

CH322-181A10	CHORI-322	3R	8569279	8589976
CH322-181A11	CHORI-322	3L	20068028	20091009
CH322-181A13	CHORI-322	2R	8398529	8419291
CH322-181A15	CHORI-322	3RHet	1978602	2001060
CH322-181A16	CHORI-322	2L	17068063	17086598
CH322-181A17	CHORI-322	2RHet	1569836	1589871
CH322-181A18	CHORI-322	2R	8126304	8144831
CH322-181A19	CHORI-322	2L	7383568	7403827
CH322-181B01	CHORI-322	3R	9954845	9975377
CH322-181B03	CHORI-322	3R	11284378	11305449
CH322-181B07	CHORI-322	2R	478468	501519
CH322-181B09	CHORI-322	2R	17153018	17174069
CH322-181B10	CHORI-322	2R	758252	780263
CH322-181B11	CHORI-322	4	674426	696390
CH322-181B12	CHORI-322	2L	20367105	20387282
CH322-181B13	CHORI-322	2L	1091344	1110584
CH322-181B15	CHORI-322	2L	6861120	6879749
CH322-181B18	CHORI-322	2L	4597872	4621688
CH322-181B21	CHORI-322	3R	9859638	9878092
CH322-181B22	CHORI-322	2L	17942916	17965690
CH322-181B23	CHORI-322	2L	10568145	10590581
CH322-181C01	CHORI-322	3L	24048051	24068598
CH322-181C02	CHORI-322	3R	17356190	17380380
CH322-181C03	CHORI-322	2L	1015621	1035510
CH322-181C04	CHORI-322	3LHet	1049623	1071456
CH322-181C05	CHORI-322	2R	19795421	19813623
CH322-181C09	CHORI-322	3R	9311194	9331608
CH322-181C10	CHORI-322	2R	19394042	19413831
CH322-181C11	CHORI-322	3L	17138589	17159247
CH322-181C12	CHORI-322	3L	6393010	6414281
CH322-181C13	CHORI-322	3L	9640285	9662883
CH322-181C15	CHORI-322	3R	7685098	7703282
CH322-181C17	CHORI-322	3R	2133073	2155274
CH322-181C18	CHORI-322	2R	18248544	18266516
CH322-181C20	CHORI-322	2L	22580155	22598625
CH322-181C21	CHORI-322	3L	16747258	16764227
CH322-181C22	CHORI-322	3RHet	1615330	1634591
CH322-181C23	CHORI-322	2R	7938778	7961215
CH322-181C24	CHORI-322	2L	11816821	11835471
CH322-181D02	CHORI-322	2R	7629407	7650442
CH322-181D03	CHORI-322	3R	25410977	25432426
CH322-181D04	CHORI-322	3R	10854029	10874115
CH322-181D05	CHORI-322	X	15170841	15189944
CH322-181D06	CHORI-322	2L	11240007	11262761
CH322-181D07	CHORI-322	X	4150271	4170786
CH322-181D08	CHORI-322	X	18811609	18831541
CH322-181D09	CHORI-322	2L	16219904	16239655
CH322-181D10	CHORI-322	X	7037760	7058678
CH322-181D11	CHORI-322	3L	17138589	17159247
CH322-181D13	CHORI-322	3R	20296368	20320074
CH322-181D15	CHORI-322	3L	5301017	5322658
CH322-181D16	CHORI-322	3R	18728686	18751137
CH322-181D18	CHORI-322	X	21877650	21899570
CH322-181D19	CHORI-322	3R	26761780	26784601

CH322-181D20	CHORI-322	X	4197028	4215530
CH322-181D21	CHORI-322	3L	418193	435616
CH322-181D23	CHORI-322	2L	18572775	18593151
CH322-181D24	CHORI-322	3R	5546560	5567725
CH322-181E02	CHORI-322	X	22238519	22261372
CH322-181E03	CHORI-322	X	13211710	13230258
CH322-181E04	CHORI-322	X	1174946	1196407
CH322-181E05	CHORI-322	X	15532626	15553584
CH322-181E06	CHORI-322	2R	20986118	21007724
CH322-181E07	CHORI-322	2R	10986825	11010350
CH322-181E09	CHORI-322	3L	4515895	4538783
CH322-181E10	CHORI-322	3R	7002913	7022558
CH322-181E11	CHORI-322	2R	17657347	17677351
CH322-181E12	CHORI-322	X	1030443	1053272
CH322-181E13	CHORI-322	3R	16188332	16206770
CH322-181E16	CHORI-322	3R	9353622	9373972
CH322-181E17	CHORI-322	2L	19089762	19110485
CH322-181E18	CHORI-322	3L	15783616	15802067
CH322-181E20	CHORI-322	3R	20618933	20639433
CH322-181E22	CHORI-322	2L	11250954	11270450
CH322-181E23	CHORI-322	3R	9323956	9345550
CH322-181F05	CHORI-322	2R	13600671	13618862
CH322-181F06	CHORI-322	2L	9609199	9628863
CH322-181F07	CHORI-322	3R	16715537	16735412
CH322-181F08	CHORI-322	2R	10322043	10345027
CH322-181F09	CHORI-322	3L	7048948	7069477
CH322-181F11	CHORI-322	2L	7565363	7585225
CH322-181F12	CHORI-322	2R	7896233	7916477
CH322-181F15	CHORI-322	2L	8098855	8118221
CH322-181F17	CHORI-322	2R	6572014	6594184
CH322-181F18	CHORI-322	2R	12269948	12290769
CH322-181F19	CHORI-322	3R	1841524	1865531
CH322-181F21	CHORI-322	3L	13732557	13753102
CH322-181F22	CHORI-322	2R	8049516	8070586
CH322-181F23	CHORI-322	3R	26932829	26951098
CH322-181F24	CHORI-322	2R	2349077	2369892
CH322-181G02	CHORI-322	X	2060349	2082135
CH322-181G03	CHORI-322	3R	5196478	5216771
CH322-181G04	CHORI-322	2L	10546618	10568155
CH322-181G05	CHORI-322	3R	2940705	2960978
CH322-181G07	CHORI-322	3L	5784676	5805631
CH322-181G08	CHORI-322	2L	3400229	3419972
CH322-181G10	CHORI-322	3R	9034779	9056700
CH322-181G11	CHORI-322	3L	18510122	18533242
CH322-181G13	CHORI-322	2L	14181149	14202360
CH322-181G14	CHORI-322	3R	13293898	13318173
CH322-181G15	CHORI-322	3L	5062265	5080418
CH322-181G17	CHORI-322	3R	1095021	1117769
CH322-181G18	CHORI-322	2L	12885964	12905945
CH322-181G19	CHORI-322	2R	17490640	17511822
CH322-181G21	CHORI-322	X	17450316	17470036
CH322-181G22	CHORI-322	2L	19971278	19988861
CH322-181G23	CHORI-322	3R	20082750	20101585
CH322-181G24	CHORI-322	2R	7045558	7067530

CH322-181H02	CHORI-322	3L	5430317	5453310
CH322-181H03	CHORI-322	2L	6881294	6903935
CH322-181H04	CHORI-322	2R	15501581	15525411
CH322-181H06	CHORI-322	3R	20587412	20607043
CH322-181H07	CHORI-322	2R	1037945	1059093
CH322-181H08	CHORI-322	2RHet	1567936	1587635
CH322-181H09	CHORI-322	3L	14889415	14910299
CH322-181H10	CHORI-322	2L	10409859	10431790
CH322-181H11	CHORI-322	3R	1745185	1765092
CH322-181H12	CHORI-322	2L	6062575	6084222
CH322-181H13	CHORI-322	3R	11579419	11598808
CH322-181H15	CHORI-322	2R	1401224	1420228
CH322-181H16	CHORI-322	3L	12771174	12792068
CH322-181H17	CHORI-322	3R	4712868	4731486
CH322-181H18	CHORI-322	3L	6868761	6890186
CH322-181H19	CHORI-322	X	4110925	4134146
CH322-181H20	CHORI-322	2R	870260	890251
CH322-181H21	CHORI-322	X	18684810	18705048
CH322-181H22	CHORI-322	X	8168844	8188224
CH322-181H23	CHORI-322	3L	2891694	2914943
CH322-181H24	CHORI-322	3R	7588140	7610460
CH322-181I01	CHORI-322	2L	19988858	20010190
CH322-181I02	CHORI-322	2R	19427997	19448778
CH322-181I05	CHORI-322	2L	10996081	11017354
CH322-181I06	CHORI-322	2R	20539463	20559614
CH322-181I07	CHORI-322	3L	10591893	10613179
CH322-181I10	CHORI-322	2L	7455644	7474821
CH322-181I11	CHORI-322	3R	8965006	8987296
CH322-181I12	CHORI-322	3R	19654256	19673573
CH322-181I13	CHORI-322	2R	10369091	10388274
CH322-181I14	CHORI-322	2R	12774350	12796022
CH322-181I15	CHORI-322	3R	21295232	21314418
CH322-181I16	CHORI-322	2L	18388710	18409082
CH322-181I17	CHORI-322	X	9996581	10015547
CH322-181I19	CHORI-322	3L	6293066	6314143
CH322-181I20	CHORI-322	3R	20259319	20279745
CH322-181I21	CHORI-322	3R	24212016	24233311
CH322-181I22	CHORI-322	2R	2317182	2337691
CH322-181I23	CHORI-322	3R	24595465	24617015
CH322-181I24	CHORI-322	2R	14777455	14798320
CH322-181J02	CHORI-322	3LHet	590590	611315
CH322-181J04	CHORI-322	2R	12855056	12874863
CH322-181J05	CHORI-322	2L	17606253	17626197
CH322-181J06	CHORI-322	2R	18822766	18843973
CH322-181J07	CHORI-322	2L	6735967	6758858
CH322-181J09	CHORI-322	3R	20418176	20438106
CH322-181J10	CHORI-322	3L	18999436	19018943
CH322-181J11	CHORI-322	2L	17351227	17371373
CH322-181J12	CHORI-322	2R	9492748	9513483
CH322-181J13	CHORI-322	X	17347160	17367995
CH322-181J15	CHORI-322	2L	760482	781291
CH322-181J17	CHORI-322	3R	17587895	17609533
CH322-181J18	CHORI-322	X	13755161	13777033
CH322-181J19	CHORI-322	X	21291666	21311934

CH322-181J20	CHORI-322	2L	10488543	10510513
CH322-181J21	CHORI-322	2L	7901744	7922155
CH322-181J22	CHORI-322	2L	457497	477991
CH322-181J23	CHORI-322	3R	4824312	4842309
CH322-181J24	CHORI-322	3L	9447722	9469316
CH322-181K02	CHORI-322	2L	14612980	14629671
CH322-181K03	CHORI-322	2R	6651293	6670417
CH322-181K04	CHORI-322	3L	13248190	13268253
CH322-181K05	CHORI-322	2L	13341700	13361336
CH322-181K07	CHORI-322	2L	412874	433159
CH322-181K08	CHORI-322	X	21273961	21292495
CH322-181K09	CHORI-322	2L	6396922	6417945
CH322-181K10	CHORI-322	2R	4924995	4945861
CH322-181K11	CHORI-322	2L	15387431	15409992
CH322-181K14	CHORI-322	3R	12073303	12093859
CH322-181K15	CHORI-322	2L	1580585	1600823
CH322-181K16	CHORI-322	3R	13677872	13696422
CH322-181K18	CHORI-322	2L	20524737	20543591
CH322-181K20	CHORI-322	3LHet	650006	674262
CH322-181K23	CHORI-322	X	19730785	19753874
CH322-181K24	CHORI-322	2R	15433141	15454095
CH322-181L02	CHORI-322	2R	20691575	20712794
CH322-181L04	CHORI-322	3L	12966919	12986303
CH322-181L05	CHORI-322	2L	21307181	21330302
CH322-181L07	CHORI-322	4	842966	864466
CH322-181L08	CHORI-322	3L	23865968	23885368
CH322-181L09	CHORI-322	2L	14668957	14691430
CH322-181L10	CHORI-322	3R	19963756	19985753
CH322-181L12	CHORI-322	2L	10545734	10567728
CH322-181L15	CHORI-322	3L	19611884	19630529
CH322-181L16	CHORI-322	3L	16415233	16435402
CH322-181L17	CHORI-322	2R	10130076	10150429
CH322-181L18	CHORI-322	3R	7341082	7361722
CH322-181L19	CHORI-322	2L	18929577	18949004
CH322-181L20	CHORI-322	2L	17719527	17742851
CH322-181L21	CHORI-322	3L	14108850	14130269
CH322-181L23	CHORI-322	3R	3264824	3285994
CH322-181M03	CHORI-322	2L	424087	443546
CH322-181M07	CHORI-322	3R	14373071	14393593
CH322-181M09	CHORI-322	2L	13749273	13770275
CH322-181M10	CHORI-322	3R	19622643	19643421
CH322-181M13	CHORI-322	X	11025395	11044702
CH322-181M14	CHORI-322	3L	5918011	5939947
CH322-181M15	CHORI-322	2R	7628022	7646694
CH322-181M16	CHORI-322	ArmU	1177833	1201416
CH322-181M19	CHORI-322	2RHet	1875597	1897033
CH322-181M20	CHORI-322	3L	5028591	5048056
CH322-181M21	CHORI-322	3R	19414757	19436466
CH322-181N06	CHORI-322	3L	11816418	11839368
CH322-181N08	CHORI-322	3L	20026666	20048972
CH322-181N09	CHORI-322	2L	1110569	1129958
CH322-181N10	CHORI-322	X	10705730	10723319
CH322-181N11	CHORI-322	3L	9399177	9420863
CH322-181N12	CHORI-322	2RHet	378027	400690

CH322-181N13	CHORI-322	2L	11828691	11849902
CH322-181N14	CHORI-322	2R	4992725	5012284
CH322-181N16	CHORI-322	2L	2975901	2996777
CH322-181N17	CHORI-322	2L	2482032	2501380
CH322-181N20	CHORI-322	3L	15383636	15404024
CH322-181O07	CHORI-322	3L	12754743	12775175
CH322-181O08	CHORI-322	3L	6617841	6639706
CH322-181O09	CHORI-322	X	11055349	11077201
CH322-181O10	CHORI-322	2L	509989	533151
CH322-181O12	CHORI-322	3L	9663964	9685396
CH322-181O13	CHORI-322	3L	15191964	15214310
CH322-181O14	CHORI-322	4	1108016	1126603
CH322-181O15	CHORI-322	2L	16586734	16606553
CH322-181O16	CHORI-322	2L	3284283	3307619
CH322-181O17	CHORI-322	2R	706890	726313
CH322-181O18	CHORI-322	2R	5246817	5266642
CH322-181O21	CHORI-322	3R	26531100	26553529
CH322-181O22	CHORI-322	2L	7255818	7275977
CH322-181O23	CHORI-322	3R	26335082	26358906
CH322-181P12	CHORI-322	2RHet	1450270	1470572
CH322-181P13	CHORI-322	3L	2265477	2286776
CH322-182A01	CHORI-322	3R	25872371	25892243
CH322-182A02	CHORI-322	2RHet	3155261	3174829
CH322-182A03	CHORI-322	2R	15955434	15976117
CH322-182A05	CHORI-322	3L	4833078	4854863
CH322-182A07	CHORI-322	2R	7599796	7622370
CH322-182A08	CHORI-322	2R	8039815	8060763
CH322-182A13	CHORI-322	3R	17028667	17048142
CH322-182A14	CHORI-322	3L	19129552	19150853
CH322-182A18	CHORI-322	2L	1636360	1655550
CH322-182A22	CHORI-322	3L	9597174	9618626
CH322-182B01	CHORI-322	3L	19292890	19314515
CH322-182B02	CHORI-322	3R	23438252	23459330
CH322-182B04	CHORI-322	3L	127234	145932
CH322-182B05	CHORI-322	X	8539681	8560393
CH322-182B06	CHORI-322	X	17678351	17698557
CH322-182B07	CHORI-322	X	1252086	1271919
CH322-182B09	CHORI-322	3L	9973209	9993490
CH322-182B10	CHORI-322	3L	9438851	9459898
CH322-182B11	CHORI-322	X	9514057	9532591
CH322-182B12	CHORI-322	3L	1508737	1530057
CH322-182B13	CHORI-322	2R	700796	721572
CH322-182B14	CHORI-322	3L	15275448	15293942
CH322-182B15	CHORI-322	2R	15715600	15736327
CH322-182B19	CHORI-322	3R	16704795	16725898
CH322-182B20	CHORI-322	3L	5274697	5295932
CH322-182C01	CHORI-322	3L	3367280	3391396
CH322-182C02	CHORI-322	2R	8874082	8895854
CH322-182C04	CHORI-322	2RHet	438707	458040
CH322-182C05	CHORI-322	2L	2845758	2864161
CH322-182C06	CHORI-322	3L	16152093	16174642
CH322-182C09	CHORI-322	X	5608670	5627142
CH322-182C12	CHORI-322	3L	8837296	8859361
CH322-182C13	CHORI-322	2L	7548574	7566790

CH322-182C15	CHORI-322	X	4840362	4860042
CH322-182C16	CHORI-322	X	8728957	8747919
CH322-182C17	CHORI-322	2R	8215356	8234259
CH322-182C18	CHORI-322	X	10428463	10451564
CH322-182C19	CHORI-322	2R	17518659	17537836
CH322-182C20	CHORI-322	3R	144530	164258
CH322-182C21	CHORI-322	2R	18772252	18793199
CH322-182C22	CHORI-322	3R	4189051	4212382
CH322-182C23	CHORI-322	2L	10623848	10644018
CH322-182D01	CHORI-322	3L	16474598	16497433
CH322-182D02	CHORI-322	3R	66443 84956	
CH322-182D03	CHORI-322	2R	13011590	13033142
CH322-182D04	CHORI-322	2R	20025000	20044359
CH322-182D05	CHORI-322	4	282843	304911
CH322-182D06	CHORI-322	2L	3875066	3893326
CH322-182D07	CHORI-322	3R	14217511	14236132
CH322-182D09	CHORI-322	2L	522922	544078
CH322-182D10	CHORI-322	3R	21637462	21658454
CH322-182D12	CHORI-322	3R	19947064	19968334
CH322-182D13	CHORI-322	4	1287833	1310590
CH322-182D14	CHORI-322	3L	4861646	4884971
CH322-182D15	CHORI-322	3L	11466669	11489064
CH322-182D16	CHORI-322	2R	12392783	12412619
CH322-182D17	CHORI-322	3LHet	574335	595422
CH322-182D18	CHORI-322	X	11351626	11371540
CH322-182D19	CHORI-322	2L	4407784	4430501
CH322-182D20	CHORI-322	3R	15024332	15044134
CH322-182D21	CHORI-322	2L	5260216	5284772
CH322-182E02	CHORI-322	3R	3589919	3610698
CH322-182E03	CHORI-322	X	14586316	14609161
CH322-182E07	CHORI-322	2R	5792920	5813462
CH322-182E08	CHORI-322	X	18153352	18173978
CH322-182E09	CHORI-322	2L	4988171	5010525
CH322-182E10	CHORI-322	3R	13179249	13201479
CH322-182E11	CHORI-322	3R	21228028	21245670
CH322-182E12	CHORI-322	3R	24064716	24086272
CH322-182E15	CHORI-322	3R	9139771	9159052
CH322-182E16	CHORI-322	3R	9097353	9116019
CH322-182E17	CHORI-322	3R	13575715	13599317
CH322-182E18	CHORI-322	2L	18012481	18032144
CH322-182E19	CHORI-322	2L	12767141	12788637
CH322-182E21	CHORI-322	3L	20591259	20612013
CH322-182E22	CHORI-322	2L	21782918	21802859
CH322-182F01	CHORI-322	3L	6905554	6926087
CH322-182F05	CHORI-322	2R	18552638	18571758
CH322-182F06	CHORI-322	2L	3095273	3113475
CH322-182F07	CHORI-322	2R	5029245	5052204
CH322-182F10	CHORI-322	X	2414934	2434501
CH322-182F12	CHORI-322	3R	24145907	24168650
CH322-182F13	CHORI-322	2L	2981953	3002675
CH322-182F15	CHORI-322	X	5850395	5869870
CH322-182F17	CHORI-322	3R	22424374	22444312
CH322-182F18	CHORI-322	3L	1191844	1214327
CH322-182F19	CHORI-322	X	10220329	10241361

CH322-182G02	CHORI-322	X	9839355	9860234
CH322-182G03	CHORI-322	2R	13044471	13064675
CH322-182G04	CHORI-322	2R	4509579	4530226
CH322-182G05	CHORI-322	X	8867733	8890076
CH322-182G07	CHORI-322	X	18343566	18364452
CH322-182G08	CHORI-322	3R	1882754	1903610
CH322-182G09	CHORI-322	3L	18936167	18956970
CH322-182G10	CHORI-322	2L	19891414	19910845
CH322-182G11	CHORI-322	2L	20081754	20102822
CH322-182G12	CHORI-322	2R	2458311	2481665
CH322-182G13	CHORI-322	2R	13731991	13754150
CH322-182G15	CHORI-322	3R	10969206	10988816
CH322-182G16	CHORI-322	3L	17751526	17772136
CH322-182G17	CHORI-322	2L	18245777	18265037
CH322-182G18	CHORI-322	2R	20212966	20231973
CH322-182G19	CHORI-322	X	1954038	1973822
CH322-182G24	CHORI-322	2R	16584080	16606882
CH322-182H02	CHORI-322	X	13089237	13110566
CH322-182H03	CHORI-322	2R	6838257	6857785
CH322-182H04	CHORI-322	4	402547	420411
CH322-182H05	CHORI-322	3R	23214179	23236108
CH322-182H07	CHORI-322	2L	22592437	22611992
CH322-182H08	CHORI-322	3L	1172648	1193602
CH322-182H12	CHORI-322	3R	15622023	15640510
CH322-182H13	CHORI-322	2L	12664956	12684926
CH322-182H14	CHORI-322	2R	12590772	12609804
CH322-182H15	CHORI-322	3L	24101415	24123059
CH322-182H17	CHORI-322	4	231122	249277
CH322-182H18	CHORI-322	2L	6389294	6410703
CH322-182H19	CHORI-322	3L	10841063	10860529
CH322-182H20	CHORI-322	3L	17622131	17644219
CH322-182H21	CHORI-322	3L	16956351	16975949
CH322-182I01	CHORI-322	2R	6188975	6207805
CH322-182I02	CHORI-322	3R	2626867	2646932
CH322-182I03	CHORI-322	2L	15264807	15284407
CH322-182I04	CHORI-322	3LHet	359540	379500
CH322-182I06	CHORI-322	3L	4505696	4528377
CH322-182I07	CHORI-322	4	1249345	1268259
CH322-182I08	CHORI-322	3R	10863268	10884974
CH322-182I09	CHORI-322	3LHet	1056274	1076389
CH322-182I10	CHORI-322	3R	19397202	19413455
CH322-182I11	CHORI-322	2L	19730094	19749498
CH322-182I12	CHORI-322	X	6043062	6065722
CH322-182I13	CHORI-322	2L	9038117	9060759
CH322-182I14	CHORI-322	3R	4219082	4239518
CH322-182I15	CHORI-322	2R	17594945	17618472
CH322-182I16	CHORI-322	3L	1210122	1232295
CH322-182I17	CHORI-322	3L	14671148	14688730
CH322-182I18	CHORI-322	3L	6660623	6683383
CH322-182I19	CHORI-322	3L	18238927	18262676
CH322-182I20	CHORI-322	2R	8519017	8542132
CH322-182I21	CHORI-322	3R	27473234	27492794
CH322-182I22	CHORI-322	2L	15387284	15408008
CH322-182I23	CHORI-322	X	391099	411971

CH322-182I24	CHORI-322	3R	12480499	12503699
CH322-182J02	CHORI-322	3L	21730674	21752761
CH322-182J03	CHORI-322	2LHet	155964	179839
CH322-182J05	CHORI-322	2L	4201744	4221817
CH322-182J06	CHORI-322	3L	4731870	4753678
CH322-182J07	CHORI-322	2R	15681073	15702991
CH322-182J08	CHORI-322	3L	17360725	17383798
CH322-182J09	CHORI-322	3L	10108870	10129961
CH322-182J10	CHORI-322	2L	11212182	11230651
CH322-182J11	CHORI-322	3R	17067822	17087950
CH322-182J12	CHORI-322	2L	18291692	18312499
CH322-182J13	CHORI-322	2L	19078971	19097980
CH322-182J14	CHORI-322	2R	8164932	8187722
CH322-182J16	CHORI-322	ArmU	1159386	1179225
CH322-182J18	CHORI-322	3R	4977435	4998737
CH322-182J19	CHORI-322	2R	19030336	19051387
CH322-182J20	CHORI-322	3R	14702734	14724620
CH322-182J24	CHORI-322	3R	8654485	8675442
CH322-182K01	CHORI-322	3R	16675609	16698050
CH322-182K02	CHORI-322	3LHet	301742	320177
CH322-182K03	CHORI-322	3R	22385481	22406892
CH322-182K05	CHORI-322	3R	19275636	19295913
CH322-182K08	CHORI-322	3L	9535600	9554583
CH322-182K11	CHORI-322	3R	3452124	3472340
CH322-182K12	CHORI-322	3L	12618928	12640237
CH322-182K13	CHORI-322	3R	24018868	24037847
CH322-182K14	CHORI-322	2L	16597553	16619066
CH322-182K15	CHORI-322	3R	9116939	9139740
CH322-182K16	CHORI-322	2R	9592068	9614856
CH322-182K17	CHORI-322	3L	18719224	18738759
CH322-182K19	CHORI-322	3L	11631077	11650095
CH322-182K20	CHORI-322	2L	14452740	14471629
CH322-182K24	CHORI-322	2R	12845855	12865117
CH322-182L01	CHORI-322	3L	9199454	9219119
CH322-182L02	CHORI-322	3L	5561300	5580632
CH322-182L03	CHORI-322	3R	2738186	2759132
CH322-182L04	CHORI-322	3L	12272059	12293236
CH322-182L05	CHORI-322	3L	15393869	15416081
CH322-182L06	CHORI-322	3L	4600327	4622744
CH322-182L07	CHORI-322	3L	8677620	8699267
CH322-182L08	CHORI-322	2L	18357662	18379479
CH322-182L09	CHORI-322	2R	11409543	11433154
CH322-182L10	CHORI-322	X	21539991	21558490
CH322-182L11	CHORI-322	3R	10653325	10672371
CH322-182L12	CHORI-322	3L	6097537	6117784
CH322-182L13	CHORI-322	3R	12356984	12377092
CH322-182L15	CHORI-322	2L	13107001	13128444
CH322-182L17	CHORI-322	3L	4435307	4457443
CH322-182L20	CHORI-322	2RHet	4444	27410
CH322-182M01	CHORI-322	3R	7294199	7314325
CH322-182M04	CHORI-322	2L	14930100	14950550
CH322-182M06	CHORI-322	X	7536480	7554335
CH322-182M07	CHORI-322	2L	15366720	15386512
CH322-182M10	CHORI-322	3L	9393245	9413794

CH322-182M11	CHORI-322	2R	13434727	13453758
CH322-182M12	CHORI-322	X	9805648	9824471
CH322-182M13	CHORI-322	2R	6190029	6209891
CH322-182M14	CHORI-322	2L	4297626	4317302
CH322-182M17	CHORI-322	2R	14865924	14883851
CH322-182M18	CHORI-322	3R	4293974	4313536
CH322-182M19	CHORI-322	3L	8697242	8717005
CH322-182M21	CHORI-322	2L	4099216	4119467
CH322-182N03	CHORI-322	2R	19358841	19382346
CH322-182N05	CHORI-322	3R	6460895	6479964
CH322-182N07	CHORI-322	X	17437981	17459079
CH322-182N10	CHORI-322	2L	3129458	3151923
CH322-182N13	CHORI-322	3R	2317729	2337931
CH322-182N15	CHORI-322	3R	21016177	21037776
CH322-182N16	CHORI-322	3RHet	1655900	1676329
CH322-182N19	CHORI-322	3R	8198391	8217736
CH322-182N20	CHORI-322	2R	2439231	2461613
CH322-182N22	CHORI-322	2R	12959445	12977881
CH322-182O05	CHORI-322	2R	18991690	19013416
CH322-182O06	CHORI-322	3R	2196445	2215327
CH322-182O09	CHORI-322	X	10446955	10466655
CH322-182O12	CHORI-322	3L	17232690	17254119
CH322-182O13	CHORI-322	3R	17248339	17268562
CH322-182O15	CHORI-322	3R	17228008	17248557
CH322-182O16	CHORI-322	2R	7177621	7200529
CH322-182O21	CHORI-322	X	21955090	21974399
CH322-182P04	CHORI-322	X	16907426	16926592
CH322-182P05	CHORI-322	2L	8004707	8026102
CH322-183A05	CHORI-322	3R	20246304	20266124
CH322-183A07	CHORI-322	2L	6879800	6900622
CH322-183A11	CHORI-322	3L	13648349	13667805
CH322-183A12	CHORI-322	2L	5669157	5689732
CH322-183A13	CHORI-322	3R	22670138	22692067
CH322-183A14	CHORI-322	3L	15765177	15783619
CH322-183A15	CHORI-322	3L	5183805	5205102
CH322-183A17	CHORI-322	2R	8093441	8113254
CH322-183A18	CHORI-322	2R	20910010	20929620
CH322-183A20	CHORI-322	2L	10703627	10723340
CH322-183A21	CHORI-322	2L	3148153	3171096
CH322-183A22	CHORI-322	2L	6383477	6406158
CH322-183A24	CHORI-322	2L	8038759	8056275
CH322-183B04	CHORI-322	2L	12951757	12969818
CH322-183B07	CHORI-322	X	12877353	12897692
CH322-183B08	CHORI-322	3R	1971773	1995912
CH322-183B09	CHORI-322	2L	11734276	11753122
CH322-183B11	CHORI-322	3L	19774400	19795115
CH322-183B12	CHORI-322	X	20253285	20278009
CH322-183B13	CHORI-322	X	10929469	10950059
CH322-183B14	CHORI-322	2L	14695474	14715926
CH322-183B15	CHORI-322	2R	13263667	13283764
CH322-183B16	CHORI-322	3L	21356731	21377209
CH322-183B17	CHORI-322	2R	11552684	11573442
CH322-183B19	CHORI-322	3R	12991354	13011106
CH322-183B20	CHORI-322	2L	5946672	5966778

CH322-183B21	CHORI-322	2R	11519566	11541255
CH322-183B22	CHORI-322	X	22254806	22277496
CH322-183B23	CHORI-322	3L	5631292	5650233
CH322-183B24	CHORI-322	2R	12339835	12359509
CH322-183C05	CHORI-322	2L	13541764	13565273
CH322-183C08	CHORI-322	3R	19965366	19984979
CH322-183C10	CHORI-322	2L	9621369	9643313
CH322-183C11	CHORI-322	2R	15505881	15525415
CH322-183C12	CHORI-322	X	2473996	2498318
CH322-183C13	CHORI-322	2R	9523791	9544211
CH322-183C14	CHORI-322	2L	14513563	14532207
CH322-183C15	CHORI-322	X	1603239	1625774
CH322-183C17	CHORI-322	3R	10280457	10301111
CH322-183C18	CHORI-322	X	14363464	14381219
CH322-183C19	CHORI-322	3L	18383718	18403051
CH322-183C20	CHORI-322	3L	4783911	4804521
CH322-183C21	CHORI-322	3RHet	1197330	1221056
CH322-183C22	CHORI-322	2L	12186731	12207547
CH322-183C23	CHORI-322	2L	1090405	1110120
CH322-183C24	CHORI-322	2L	3278456	3300821
CH322-183D03	CHORI-322	X	9487868	9505871
CH322-183D05	CHORI-322	2L	13641087	13659453
CH322-183D08	CHORI-322	2R	15034823	15056451
CH322-183D11	CHORI-322	3L	19810560	19831210
CH322-183D12	CHORI-322	3R	8668283	8687352
CH322-183D13	CHORI-322	3R	2213814	2233950
CH322-183D14	CHORI-322	2L	18378694	18400196
CH322-183D15	CHORI-322	2R	8750219	8769730
CH322-183D16	CHORI-322	2L	277445	295814
CH322-183D17	CHORI-322	3L	18842105	18863264
CH322-183D18	CHORI-322	3L	3016928	3036452
CH322-183D19	CHORI-322	X	4120630	4142206
CH322-183D20	CHORI-322	2L	18091614	18112509
CH322-183D21	CHORI-322	2R	19710774	19730421
CH322-183D22	CHORI-322	3L	14794387	14814251
CH322-183D23	CHORI-322	3R	25594200	25613845
CH322-183D24	CHORI-322	2R	15177274	15196013
CH322-183E07	CHORI-322	3R	26084761	26103955
CH322-183E09	CHORI-322	2L	13163768	13186652
CH322-183E10	CHORI-322	2L	4120960	4139895
CH322-183E11	CHORI-322	2L	8819051	8840683
CH322-183E13	CHORI-322	X	9361021	9380650
CH322-183E14	CHORI-322	3R	4664380	4688694
CH322-183E15	CHORI-322	3R	21400734	21418867
CH322-183E16	CHORI-322	2R	8496285	8516441
CH322-183E17	CHORI-322	3R	10389320	10410719
CH322-183E19	CHORI-322	2L	17607371	17627430
CH322-183E22	CHORI-322	3L	18957611	18979974
CH322-183E23	CHORI-322	2R	6386312	6405831
CH322-183E24	CHORI-322	2R	3742440	3761971
CH322-183F04	CHORI-322	2L	7029606	7052905
CH322-183F07	CHORI-322	3L	22214881	22235395
CH322-183F08	CHORI-322	3R	6756697	6775615
CH322-183F09	CHORI-322	3L	4972761	4991843

CH322-183F11	CHORI-322	X	2562919	2582710
CH322-183F12	CHORI-322	2R	19587926	19609715
CH322-183F13	CHORI-322	2L	5468648	5486916
CH322-183F14	CHORI-322	3R	15531395	15552131
CH322-183F16	CHORI-322	2L	21852615	21874691
CH322-183F17	CHORI-322	3L	13147800	13166689
CH322-183F18	CHORI-322	2R	10398902	10419923
CH322-183F19	CHORI-322	3L	14831306	14848790
CH322-183F20	CHORI-322	3R	13340557	13359720
CH322-183F21	CHORI-322	X	18794018	18813835
CH322-183F22	CHORI-322	X	10286223	10304715
CH322-183F23	CHORI-322	2L	12800663	12821610
CH322-183F24	CHORI-322	3L	15010613	15032922
CH322-183G03	CHORI-322	2R	13870392	13889376
CH322-183G05	CHORI-322	3RHet	2015064	2037290
CH322-183G06	CHORI-322	3L	18212118	18232997
CH322-183G07	CHORI-322	2R	18664091	18687484
CH322-183G08	CHORI-322	2L	19584204	19604284
CH322-183G11	CHORI-322	3L	2747601	2768460
CH322-183G12	CHORI-322	2L	6363544	6385707
CH322-183G13	CHORI-322	3R	14806160	14825444
CH322-183G14	CHORI-322	2R	14183022	14204666
CH322-183G16	CHORI-322	2R	11914604	11935207
CH322-183G17	CHORI-322	3L	710604	728102
CH322-183G18	CHORI-322	3L	17055974	17075297
CH322-183G19	CHORI-322	3L	5515751	5533106
CH322-183G20	CHORI-322	X	20368888	20390929
CH322-183G21	CHORI-322	X	22012101	22034426
CH322-183G22	CHORI-322	2L	17568931	17590394
CH322-183G23	CHORI-322	3L	6109057	6128047
CH322-183G24	CHORI-322	3L	280243	301635
CH322-183H07	CHORI-322	3L	4864154	4884977
CH322-183H08	CHORI-322	X	14208357	14229526
CH322-183H09	CHORI-322	X	8375718	8395815
CH322-183H10	CHORI-322	3R	17443390	17465360
CH322-183H11	CHORI-322	2L	5981209	6000105
CH322-183H13	CHORI-322	2L	13789125	13807372
CH322-183H14	CHORI-322	2L	3983381	4002675
CH322-183H15	CHORI-322	3R	24043190	24063316
CH322-183H16	CHORI-322	ArmU	491961	513015
CH322-183H17	CHORI-322	2R	14996320	15015055
CH322-183H18	CHORI-322	3L	870080	890695
CH322-183H19	CHORI-322	3L	22641789	22663387
CH322-183H20	CHORI-322	2L	380553	405198
CH322-183H22	CHORI-322	3L	5538846	5560821
CH322-183H23	CHORI-322	X	5290127	5310563
CH322-183H24	CHORI-322	X	21431484	21452342
CH322-183I06	CHORI-322	2R	4480480	4500908
CH322-183I07	CHORI-322	3L	8557560	8579336
CH322-183I08	CHORI-322	X	6527189	6547773
CH322-183I09	CHORI-322	2R	16806001	16826904
CH322-183I13	CHORI-322	4	783061	804164
CH322-183I14	CHORI-322	X	15788948	15807327
CH322-183I15	CHORI-322	2L	15650335	15671892

CH322-183I16	CHORI-322	3L	5566386	5587363
CH322-183I17	CHORI-322	3R	21039598	21063419
CH322-183I19	CHORI-322	3L	22214863	22237320
CH322-183I20	CHORI-322	3R	22507471	22528396
CH322-183I21	CHORI-322	3L	14894588	14915859
CH322-183I23	CHORI-322	2L	20981592	21000838
CH322-183I24	CHORI-322	2R	12657086	12676937
CH322-183J05	CHORI-322	3L	6908304	6926872
CH322-183J07	CHORI-322	2R	3742440	3761974
CH322-183J09	CHORI-322	3LHet	215111	233444
CH322-183J10	CHORI-322	2L	1496502	1519328
CH322-183J11	CHORI-322	3R	13061275	13082124
CH322-183J12	CHORI-322	3R	5831484	5850896
CH322-183J13	CHORI-322	X	14847039	14867007
CH322-183J16	CHORI-322	X	5716537	5736622
CH322-183J17	CHORI-322	3R	13586853	13611862
CH322-183J19	CHORI-322	3R	26251786	26273655
CH322-183J20	CHORI-322	2L	21365865	21386963
CH322-183J21	CHORI-322	2R	7582101	7601921
CH322-183J22	CHORI-322	3L	23374591	23394678
CH322-183J23	CHORI-322	3R	23207284	23228914
CH322-183K05	CHORI-322	3L	18488918	18506822
CH322-183K08	CHORI-322	3R	13181387	13202085
CH322-183K13	CHORI-322	2L	6043150	6064897
CH322-183K14	CHORI-322	2L	779766	800409
CH322-183K15	CHORI-322	3R	9905743	9926957
CH322-183K16	CHORI-322	3R	16505434	16524273
CH322-183K19	CHORI-322	2R	12518527	12539369
CH322-183K20	CHORI-322	X	13836503	13855900
CH322-183K21	CHORI-322	2L	9416151	9436312
CH322-183K23	CHORI-322	3LHet	1181396	1202773
CH322-183K24	CHORI-322	2L	5985087	6004515
CH322-183L05	CHORI-322	X	6035093	6054883
CH322-183L06	CHORI-322	3R	8353525	8375134
CH322-183L07	CHORI-322	2R	12561405	12580897
CH322-183L08	CHORI-322	2R	13539054	13559912
CH322-183L10	CHORI-322	2L	18022433	18044014
CH322-183L11	CHORI-322	2R	16335640	16357332
CH322-183L12	CHORI-322	2L	14708048	14728283
CH322-183L13	CHORI-322	2L	5716295	5736461
CH322-183L14	CHORI-322	3R	9291783	9311203
CH322-183L15	CHORI-322	2R	12462429	12484341
CH322-183L16	CHORI-322	2R	9261837	9282987
CH322-183L17	CHORI-322	3R	18219023	18237369
CH322-183L18	CHORI-322	3L	10630371	10650247
CH322-183L20	CHORI-322	2R	1575106	1597063
CH322-183L21	CHORI-322	X	17204952	17228349
CH322-183L22	CHORI-322	ArmU	1902954	1923416
CH322-183L23	CHORI-322	2R	12132146	12150963
CH322-183M07	CHORI-322	2L	13642483	13664528
CH322-183M09	CHORI-322	3L	1948320	1973398
CH322-183M12	CHORI-322	2R	15695235	15714989
CH322-183M13	CHORI-322	3R	20383986	20404304
CH322-183M15	CHORI-322	3L	23226101	23248306

CH322-183M16	CHORI-322	2L	1748465	1769928
CH322-183M17	CHORI-322	X	1109499	1133411
CH322-183M18	CHORI-322	3R	20743784	20765059
CH322-183M19	CHORI-322	2R	1078474	1100179
CH322-183M20	CHORI-322	3R	3371311	3391976
CH322-183M21	CHORI-322	X	20578917	20598487
CH322-183M22	CHORI-322	3L	16647643	16667737
CH322-183M23	CHORI-322	2L	3277904	3300821
CH322-183N08	CHORI-322	3L	4990347	5010956
CH322-183N10	CHORI-322	2R	7048404	7069161
CH322-183N11	CHORI-322	2L	19010649	19029966
CH322-183N13	CHORI-322	3R	14082433	14102112
CH322-183N14	CHORI-322	2R	3890045	3910113
CH322-183N16	CHORI-322	3R	25601355	25624772
CH322-183N17	CHORI-322	2R	10492215	10510945
CH322-183N20	CHORI-322	X	5418158	5439506
CH322-183N22	CHORI-322	3R	10651763	10671559
CH322-183O07	CHORI-322	3L	20234480	20256320
CH322-183O11	CHORI-322	3L	21807507	21826354
CH322-183O12	CHORI-322	3L	569632	592232
CH322-183O13	CHORI-322	ArmU	377962	397086
CH322-183O14	CHORI-322	3R	12519383	12541835
CH322-183O21	CHORI-322	3L	8948852	8971096
CH322-183O23	CHORI-322	3L	18578628	18601756
CH322-183P13	CHORI-322	X	14876385	14897747
CH322-183P15	CHORI-322	3R	19391799	19412914
CH322-183P17	CHORI-322	2L	2113745	2132952
CH322-183P18	CHORI-322	3R	483497	502766
CH322-183P19	CHORI-322	2R	8289863	8309893
CH322-183P21	CHORI-322	2L	1253060	1273724
CH322-183P22	CHORI-322	2L	3095273	3113475
CH322-183P23	CHORI-322	2R	2862129	2882390
CH322-183P24	CHORI-322	3R	11018759	11040591
CH322-184A08	CHORI-322	X	5642451	5663560
CH322-184A12	CHORI-322	2L	2846787	2866122
CH322-184A14	CHORI-322	X	12197772	12219702
CH322-184A17	CHORI-322	2L	4812556	4831736
CH322-184A19	CHORI-322	3R	9408134	9427903
CH322-184A20	CHORI-322	3R	17651605	17673179
CH322-184A21	CHORI-322	3R	15386411	15408040
CH322-184B07	CHORI-322	X	2799886	2821931
CH322-184B09	CHORI-322	X	19456914	19478323
CH322-184B10	CHORI-322	X	11703503	11724594
CH322-184B11	CHORI-322	X	8523893	8542670
CH322-184B13	CHORI-322	X	8770326	8790618
CH322-184B14	CHORI-322	3R	959760	982311
CH322-184B16	CHORI-322	3R	21128932	21148746
CH322-184B17	CHORI-322	X	20636958	20657976
CH322-184B19	CHORI-322	2R	7532920	7555357
CH322-184B21	CHORI-322	3R	16010956	16032780
CH322-184C02	CHORI-322	3L	4217550	4238553
CH322-184C03	CHORI-322	2L	510347	532359
CH322-184C04	CHORI-322	2R	5467274	5486790
CH322-184C05	CHORI-322	2L	10494597	10512089

CH322-184C06	CHORI-322	2L	21010590	21032492
CH322-184C08	CHORI-322	2R	4259662	4282491
CH322-184C09	CHORI-322	3R	26855868	26877214
CH322-184C10	CHORI-322	2R	6440975	6459518
CH322-184C11	CHORI-322	2L	3869391	3889063
CH322-184C12	CHORI-322	3L	8544880	8565050
CH322-184C13	CHORI-322	3R	24909531	24929897
CH322-184C15	CHORI-322	3R	18902578	18922752
CH322-184C16	CHORI-322	2R	19099970	19121287
CH322-184C17	CHORI-322	3R	9824652	9841920
CH322-184C18	CHORI-322	X	5665516	5682679
CH322-184C19	CHORI-322	3RHet	2454071	2473316
CH322-184C21	CHORI-322	2L	18890520	18910205
CH322-184C22	CHORI-322	2R	7858024	7880677
CH322-184C23	CHORI-322	3R	23573125	23593053
CH322-184C24	CHORI-322	3R	419068	437756
CH322-184D02	CHORI-322	2L	12080430	12101239
CH322-184D03	CHORI-322	3L	2849098	2869413
CH322-184D04	CHORI-322	3R	17327089	17348534
CH322-184D05	CHORI-322	3L	11111175	11133128
CH322-184D08	CHORI-322	2L	1990379	2012108
CH322-184D09	CHORI-322	3R	9918498	9939955
CH322-184D10	CHORI-322	3R	11692219	11713420
CH322-184D11	CHORI-322	3L	21834550	21855230
CH322-184D13	CHORI-322	3R	43206 65457	
CH322-184D15	CHORI-322	3L	3862839	3883325
CH322-184D17	CHORI-322	X	8504749	8524234
CH322-184D18	CHORI-322	3L	6361736	6381679
CH322-184D20	CHORI-322	3L	10147588	10166943
CH322-184D21	CHORI-322	3LHet	1154516	1177259
CH322-184D22	CHORI-322	2R	11589010	11609440
CH322-184D23	CHORI-322	3R	13470951	13493279
CH322-184D24	CHORI-322	2R	15146132	15164239
CH322-184E06	CHORI-322	3R	4069018	4092188
CH322-184E07	CHORI-322	3R	3646479	3670604
CH322-184E08	CHORI-322	3L	24089033	24107313
CH322-184E09	CHORI-322	2R	9867814	9891764
CH322-184E11	CHORI-322	2R	20166099	20187281
CH322-184E13	CHORI-322	2RHet	3146717	3166032
CH322-184E14	CHORI-322	3L	20998109	21020711
CH322-184E15	CHORI-322	2R	13790343	13812122
CH322-184E18	CHORI-322	X	21934945	21955434
CH322-184E19	CHORI-322	3L	8124453	8146548
CH322-184E20	CHORI-322	3R	24703387	24725858
CH322-184E22	CHORI-322	2R	7795648	7815356
CH322-184E23	CHORI-322	2L	158552	178562
CH322-184F03	CHORI-322	3L	1671974	1691883
CH322-184F04	CHORI-322	3L	21570180	21592424
CH322-184F06	CHORI-322	2L	5012080	5032263
CH322-184F07	CHORI-322	2L	524215	544078
CH322-184F08	CHORI-322	2R	12514013	12534991
CH322-184F09	CHORI-322	3R	7221911	7242701
CH322-184F10	CHORI-322	2L	15111088	15132012
CH322-184F11	CHORI-322	3L	23422387	23445503

CH322-184F12	CHORI-322	3LHet	1631738	1652427
CH322-184F13	CHORI-322	X	6592044	6613219
CH322-184F14	CHORI-322	X	13762512	13782365
CH322-184F15	CHORI-322	X	10671759	10692499
CH322-184F16	CHORI-322	3L	16957196	16978201
CH322-184F17	CHORI-322	2L	7142221	7159953
CH322-184F18	CHORI-322	2LHet	329036	349007
CH322-184F19	CHORI-322	2L	598485	620903
CH322-184F20	CHORI-322	2R	8655447	8674414
CH322-184F21	CHORI-322	X	180707	200862
CH322-184F22	CHORI-322	2R	9227637	9248414
CH322-184F23	CHORI-322	2L	15550980	15572536
CH322-184F24	CHORI-322	2R	14515899	14538492
CH322-184G06	CHORI-322	3R	25682958	25704924
CH322-184G07	CHORI-322	3L	12674630	12695040
CH322-184G08	CHORI-322	3R	14157366	14179195
CH322-184G10	CHORI-322	X	14072045	14091365
CH322-184G11	CHORI-322	2L	9781137	9801425
CH322-184G12	CHORI-322	3R	24412715	24434772
CH322-184G13	CHORI-322	2R	7249498	7271863
CH322-184G14	CHORI-322	X	17572955	17592465
CH322-184G15	CHORI-322	X	17138269	17158838
CH322-184G17	CHORI-322	2R	19297004	19318181
CH322-184G18	CHORI-322	2R	9690312	9712886
CH322-184G19	CHORI-322	3R	19866052	19886409
CH322-184G20	CHORI-322	2L	9825824	9845798
CH322-184G21	CHORI-322	2R	3459229	3479598
CH322-184G22	CHORI-322	3L	12618447	12639744
CH322-184G24	CHORI-322	3L	8447080	8465594
CH322-184H03	CHORI-322	3R	10550849	10570161
CH322-184H05	CHORI-322	2L	20484808	20506475
CH322-184H07	CHORI-322	3R	8568678	8587470
CH322-184H08	CHORI-322	3R	24167614	24192117
CH322-184H09	CHORI-322	3R	176157	194941
CH322-184H10	CHORI-322	2R	16892385	16916166
CH322-184H11	CHORI-322	X	10633384	10654493
CH322-184H12	CHORI-322	X	21090771	21111242
CH322-184H13	CHORI-322	3L	15191250	15209782
CH322-184H14	CHORI-322	3L	5246110	5266605
CH322-184H15	CHORI-322	2R	6675495	6695200
CH322-184H16	CHORI-322	X	2684857	2707084
CH322-184H17	CHORI-322	2R	16764074	16783754
CH322-184H18	CHORI-322	X	12224408	12243524
CH322-184H19	CHORI-322	2L	10173778	10194450
CH322-184H23	CHORI-322	3L	4296106	4318368
CH322-184H24	CHORI-322	2L	6091600	6113021
CH322-184I02	CHORI-322	2L	3780046	3799821
CH322-184I04	CHORI-322	3L	23436492	23456067
CH322-184I05	CHORI-322	2R	14923136	14941730
CH322-184I06	CHORI-322	3L	19173236	19193808
CH322-184I07	CHORI-322	3R	9709380	9729013
CH322-184I08	CHORI-322	3L	22508371	22529135
CH322-184I10	CHORI-322	2R	13646519	13668893
CH322-184I11	CHORI-322	3R	9007415	9029588

CH322-184I13	CHORI-322	3L	8409170	8430437
CH322-184I14	CHORI-322	3L	7631244	7650334
CH322-184I16	CHORI-322	3L	6048737	6068098
CH322-184I17	CHORI-322	3L	10701629	10722278
CH322-184I18	CHORI-322	2R	7295135	7319209
CH322-184I20	CHORI-322	3R	1208651	1229909
CH322-184I21	CHORI-322	2R	19702501	19722833
CH322-184I22	CHORI-322	2L	4740242	4759091
CH322-184I23	CHORI-322	3R	23461452	23481937
CH322-184I24	CHORI-322	3L	20968807	20988836
CH322-184J03	CHORI-322	2L	9710397	9729531
CH322-184J04	CHORI-322	X	21410311	21429795
CH322-184J05	CHORI-322	X	4445787	4470071
CH322-184J06	CHORI-322	3L	19833265	19853507
CH322-184J08	CHORI-322	2R	8832121	8851999
CH322-184J09	CHORI-322	2L	3809581	3829838
CH322-184J12	CHORI-322	2R	2758929	2778478
CH322-184J13	CHORI-322	3R	19718315	19742817
CH322-184J14	CHORI-322	X	7737000	7754687
CH322-184J15	CHORI-322	3R	24791886	24811217
CH322-184J16	CHORI-322	2L	14206189	14225638
CH322-184J19	CHORI-322	3L	14375535	14392158
CH322-184J20	CHORI-322	X	4126966	4146299
CH322-184J21	CHORI-322	3R	9952300	9976205
CH322-184J22	CHORI-322	2R	20951141	20971361
CH322-184J23	CHORI-322	2L	14132626	14155812
CH322-184K03	CHORI-322	3L	18622328	18640032
CH322-184K04	CHORI-322	3L	13392935	13415064
CH322-184K05	CHORI-322	2R	13793457	13812911
CH322-184K07	CHORI-322	3R	18090809	18111814
CH322-184K08	CHORI-322	3R	15088170	15107688
CH322-184K09	CHORI-322	3L	6814264	6833768
CH322-184K10	CHORI-322	3L	17893684	17912639
CH322-184K11	CHORI-322	2R	14390895	14410345
CH322-184K12	CHORI-322	3L	21563125	21582093
CH322-184K14	CHORI-322	2L	11473628	11494497
CH322-184K16	CHORI-322	3L	11801757	11822882
CH322-184K17	CHORI-322	2L	14489647	14509714
CH322-184K18	CHORI-322	3R	18327885	18348957
CH322-184K19	CHORI-322	3L	9797221	9818663
CH322-184K21	CHORI-322	X	12099797	12118435
CH322-184K22	CHORI-322	3L	19417237	19436874
CH322-184K23	CHORI-322	3L	19964854	19989073
CH322-184K24	CHORI-322	3L	13639867	13661743
CH322-184L02	CHORI-322	2R	15765070	15787336
CH322-184L06	CHORI-322	2R	12334592	12356289
CH322-184L07	CHORI-322	3R	10841449	10863271
CH322-184L08	CHORI-322	2L	18628759	18648618
CH322-184L13	CHORI-322	3L	17001250	17020429
CH322-184L14	CHORI-322	X	10967891	10988004
CH322-184L15	CHORI-322	2R	18353310	18372610
CH322-184L16	CHORI-322	3R	8404149	8424914
CH322-184L19	CHORI-322	2L	744983	763644
CH322-184L20	CHORI-322	3R	26148992	26166931

CH322-184L21	CHORI-322	3L	19534327	19555862
CH322-184L23	CHORI-322	2L	7546757	7568353
CH322-184M07	CHORI-322	X	16874921	16895809
CH322-184M08	CHORI-322	3R	4317018	4339501
CH322-184M12	CHORI-322	3L	12186142	12204640
CH322-184M13	CHORI-322	X	21500092	21520438
CH322-184M14	CHORI-322	2L	21738014	21758593
CH322-184M15	CHORI-322	X	18246323	18265974
CH322-184M18	CHORI-322	3L	18845369	18864550
CH322-184M19	CHORI-322	2R	14866401	14884797
CH322-184M20	CHORI-322	2R	18451898	18475244
CH322-184M21	CHORI-322	2L	22736299	22755734
CH322-184N07	CHORI-322	2L	18113153	18132156
CH322-184N08	CHORI-322	2R	16211319	16233143
CH322-184N09	CHORI-322	3R	26818028	26838267
CH322-184N11	CHORI-322	X	21875335	21896079
CH322-184N13	CHORI-322	2L	18183332	18205446
CH322-184N14	CHORI-322	2L	12746376	12767144
CH322-184N15	CHORI-322	3R	13737701	13757803
CH322-184N16	CHORI-322	X	19976109	19996505
CH322-184N18	CHORI-322	2R	18023415	18042649
CH322-184N19	CHORI-322	2L	4285722	4306252
CH322-184N21	CHORI-322	3R	184152	203444
CH322-184N22	CHORI-322	3LHet	243345	264113
CH322-184O06	CHORI-322	3L	14490909	14514713
CH322-184O07	CHORI-322	2R	9523791	9544885
CH322-184O09	CHORI-322	2R	2585015	2606973
CH322-184O10	CHORI-322	2L	15789682	15812158
CH322-184O13	CHORI-322	3R	26765465	26786632
CH322-184O16	CHORI-322	2R	1087308	1107213
CH322-184O17	CHORI-322	3R	18738856	18761363
CH322-184O21	CHORI-322	2L	11327908	11349883
CH322-184P16	CHORI-322	3L	4276734	4296564
CH322-184P17	CHORI-322	3R	13134474	13155455
CH322-185A02	CHORI-322	2RHet	1557267	1576398
CH322-185A05	CHORI-322	2L	1502508	1520807
CH322-185A09	CHORI-322	2L	12172161	12192653
CH322-185A11	CHORI-322	2R	11084891	11106376
CH322-185A12	CHORI-322	2R	17805059	17822709
CH322-185A14	CHORI-322	3R	18764258	18785740
CH322-185B03	CHORI-322	2R	11683321	11702869
CH322-185B06	CHORI-322	3L	20121044	20142788
CH322-185B07	CHORI-322	2L	15870168	15891458
CH322-185B08	CHORI-322	3R	25871469	25892246
CH322-185B11	CHORI-322	3R	5040075	5059182
CH322-185B13	CHORI-322	3L	12330082	12349682
CH322-185B15	CHORI-322	3R	8766878	8790930
CH322-185B16	CHORI-322	3R	26590500	26610910
CH322-185B17	CHORI-322	2R	8164932	8187699
CH322-185B19	CHORI-322	3L	13507774	13527521
CH322-185B21	CHORI-322	X	10411641	10439406
CH322-185C02	CHORI-322	2L	19360817	19379288
CH322-185C03	CHORI-322	3L	13966035	13989271
CH322-185C04	CHORI-322	3L	21066887	21088430

CH322-185C05	CHORI-322	2L	9343156	9364773
CH322-185C06	CHORI-322	3L	6906496	6927235
CH322-185C09	CHORI-322	3L	8501764	8519889
CH322-185C10	CHORI-322	2R	4180840	4200915
CH322-185C12	CHORI-322	2L	18733363	18752112
CH322-185C13	CHORI-322	2L	9179756	9197371
CH322-185C14	CHORI-322	X	21111418	21132165
CH322-185C16	CHORI-322	3L	12941924	12962058
CH322-185C17	CHORI-322	X	1853091	1872535
CH322-185C18	CHORI-322	2L	13364552	13387781
CH322-185C19	CHORI-322	2L	786642	809375
CH322-185C20	CHORI-322	X	3738716	3759663
CH322-185C21	CHORI-322	3R	6749969	6773457
CH322-185D02	CHORI-322	2RHet	1139019	1158520
CH322-185D03	CHORI-322	3R	11434284	11455227
CH322-185D06	CHORI-322	3R	2387404	2406921
CH322-185D07	CHORI-322	XHet	69448	89938
CH322-185D09	CHORI-322	2L	14665594	14687680
CH322-185D10	CHORI-322	2L	6043768	6067305
CH322-185D11	CHORI-322	2R	4775393	4798160
CH322-185D12	CHORI-322	3L	19367505	19385660
CH322-185D14	CHORI-322	3R	15481306	15502599
CH322-185D16	CHORI-322	2R	6354779	6372773
CH322-185D17	CHORI-322	2L	17716458	17738357
CH322-185D18	CHORI-322	3L	1502050	1524005
CH322-185D19	CHORI-322	X	13969448	13993001
CH322-185D20	CHORI-322	2L	17155252	17176213
CH322-185D21	CHORI-322	2R	16557866	16579783
CH322-185D22	CHORI-322	2L	11848535	11871975
CH322-185E01	CHORI-322	2R	5104949	5124920
CH322-185E02	CHORI-322	2L	17568861	17591859
CH322-185E03	CHORI-322	3RHet	1517165	1540911
CH322-185E04	CHORI-322	2L	5163890	5186897
CH322-185E05	CHORI-322	3RHet	2138307	2157662
CH322-185E07	CHORI-322	2R	239436	261003
CH322-185E09	CHORI-322	3R	22221147	22240442
CH322-185E12	CHORI-322	2R	18337279	18358966
CH322-185E13	CHORI-322	X	6581086	6603576
CH322-185E14	CHORI-322	2L	773737	793601
CH322-185E17	CHORI-322	3L	5373487	5394930
CH322-185E20	CHORI-322	2L	9403542	9421753
CH322-185E21	CHORI-322	2R	10124209	10146198
CH322-185E22	CHORI-322	3R	6978324	6996842
CH322-185E23	CHORI-322	3R	18391594	18411303
CH322-185F04	CHORI-322	2L	7358081	7378454
CH322-185F06	CHORI-322	2L	9791147	9809041
CH322-185F10	CHORI-322	X	2899664	2920071
CH322-185F12	CHORI-322	3L	8904569	8925345
CH322-185F14	CHORI-322	2L	12611810	12633097
CH322-185F15	CHORI-322	X	7548296	7571781
CH322-185F16	CHORI-322	X	7945982	7966956
CH322-185F17	CHORI-322	2L	6042476	6063626
CH322-185F20	CHORI-322	2R	14150022	14173615
CH322-185F21	CHORI-322	3R	6254055	6274475

CH322-185F22	CHORI-322	3R	15306996	15327794
CH322-185G04	CHORI-322	3R	7953150	7970625
CH322-185G09	CHORI-322	2L	5622880	5643882
CH322-185G10	CHORI-322	2L	9702777	9724532
CH322-185G11	CHORI-322	3R	18282764	18303984
CH322-185G14	CHORI-322	2L	16705676	16724892
CH322-185G15	CHORI-322	3L	16440524	16460607
CH322-185G16	CHORI-322	2R	2802544	2823736
CH322-185G17	CHORI-322	X	21007229	21027052
CH322-185G18	CHORI-322	3R	19862976	19885809
CH322-185G19	CHORI-322	2R	11466775	11485963
CH322-185G20	CHORI-322	3L	24315112	24334951
CH322-185G23	CHORI-322	3R	12048824	12069083
CH322-185G24	CHORI-322	3R	3671142	3690582
CH322-185H03	CHORI-322	3R	18154134	18174970
CH322-185H04	CHORI-322	2L	21942137	21963427
CH322-185H05	CHORI-322	X	8875394	8895222
CH322-185H06	CHORI-322	X	8256308	8278472
CH322-185H07	CHORI-322	2R	4349857	4373467
CH322-185H10	CHORI-322	2R	2972651	2995194
CH322-185H11	CHORI-322	3R	19195865	19217207
CH322-185H14	CHORI-322	X	8769306	8790592
CH322-185H15	CHORI-322	3R	7341082	7358981
CH322-185H16	CHORI-322	3R	12157845	12181070
CH322-185H17	CHORI-322	X	3714491	3736238
CH322-185H21	CHORI-322	2L	15522548	15543817
CH322-185H22	CHORI-322	3L	1316540	1337118
CH322-185I03	CHORI-322	2R	18091959	18113094
CH322-185I05	CHORI-322	3R	2094500	2117836
CH322-185I08	CHORI-322	2L	18161416	18181973
CH322-185I09	CHORI-322	2L	4165557	4188973
CH322-185I10	CHORI-322	X	14464105	14484501
CH322-185I11	CHORI-322	2L	14404121	14424755
CH322-185I12	CHORI-322	2L	14339288	14360444
CH322-185I14	CHORI-322	3R	23973573	23994492
CH322-185I15	CHORI-322	2R	2320275	2338577
CH322-185I16	CHORI-322	3L	659856	680072
CH322-185I18	CHORI-322	3R	7264468	7284705
CH322-185I19	CHORI-322	2R	12287138	12305187
CH322-185I20	CHORI-322	2R	13731991	13754708
CH322-185I21	CHORI-322	3R	16818334	16841233
CH322-185I23	CHORI-322	3R	9927808	9949229
CH322-185I24	CHORI-322	3L	12530050	12551342
CH322-185J01	CHORI-322	X	13151039	13173473
CH322-185J04	CHORI-322	2L	13514057	13535279
CH322-185J05	CHORI-322	2L	19513342	19537691
CH322-185J07	CHORI-322	3R	23474401	23498147
CH322-185J08	CHORI-322	X	12381862	12401327
CH322-185J09	CHORI-322	2L	16310755	16332928
CH322-185J10	CHORI-322	2L	21286773	21307180
CH322-185J11	CHORI-322	3R	11592311	11613374
CH322-185J12	CHORI-322	3L	18354862	18374959
CH322-185J13	CHORI-322	2R	14943444	14963949
CH322-185J14	CHORI-322	3R	7518111	7537880

CH322-185J17	CHORI-322	3L	17207268	17229620
CH322-185J18	CHORI-322	3L	13126600	13147296
CH322-185J19	CHORI-322	3L	4485078	4505000
CH322-185J20	CHORI-322	2R	6880233	6900700
CH322-185J21	CHORI-322	3LHet	1224168	1244370
CH322-185J23	CHORI-322	3L	15898448	15918830
CH322-185K01	CHORI-322	2R	3914370	3937611
CH322-185K03	CHORI-322	3L	5186983	5209420
CH322-185K05	CHORI-322	X	20985619	21009342
CH322-185K07	CHORI-322	2R	8660359	8678425
CH322-185K08	CHORI-322	3L	12966093	12985299
CH322-185K09	CHORI-322	3RHet	144457	167638
CH322-185K10	CHORI-322	3R	24031558	24055140
CH322-185K11	CHORI-322	2L	12841366	12860916
CH322-185K12	CHORI-322	3L	15654987	15674061
CH322-185K13	CHORI-322	2L	22509195	22528333
CH322-185K14	CHORI-322	3L	11980798	12002854
CH322-185K15	CHORI-322	3R	13813276	13833428
CH322-185K16	CHORI-322	X	16935079	16954866
CH322-185K17	CHORI-322	2R	19267043	19288716
CH322-185K18	CHORI-322	3R	5199127	5220184
CH322-185K19	CHORI-322	2RHet	1891813	1912013
CH322-185K20	CHORI-322	X	1647797	1670104
CH322-185K21	CHORI-322	3R	10554785	10575595
CH322-185K22	CHORI-322	2L	9200756	9221751
CH322-185L02	CHORI-322	2R	20110526	20132307
CH322-185L03	CHORI-322	3L	9553037	9572442
CH322-185L05	CHORI-322	3R	25018650	25038079
CH322-185L06	CHORI-322	3L	7129306	7150691
CH322-185L07	CHORI-322	3R	25422580	25445824
CH322-185L08	CHORI-322	2R	10310719	10330018
CH322-185L09	CHORI-322	3L	11744556	11765643
CH322-185L10	CHORI-322	X	20643121	20661599
CH322-185L11	CHORI-322	2RHet	30635	51558
CH322-185L12	CHORI-322	2R	14609325	14628539
CH322-185L13	CHORI-322	X	8748429	8768800
CH322-185L15	CHORI-322	3R	22527710	22548570
CH322-185L17	CHORI-322	X	3085321	3104235
CH322-185L18	CHORI-322	2R	4798070	4818400
CH322-185L19	CHORI-322	2L	9509555	9531201
CH322-185L20	CHORI-322	2L	6255987	6277993
CH322-185L21	CHORI-322	X	8586646	8604686
CH322-185L22	CHORI-322	3L	22947916	22969938
CH322-185M03	CHORI-322	3L	17251468	17271583
CH322-185M05	CHORI-322	2R	18885860	18906220
CH322-185M07	CHORI-322	3R	91465	111326
CH322-185M10	CHORI-322	2R	924654	949094
CH322-185M12	CHORI-322	3LHet	1133697	1155308
CH322-185M14	CHORI-322	3L	24241818	24262680
CH322-185M16	CHORI-322	4	942580	963377
CH322-185M17	CHORI-322	3R	19385703	19409962
CH322-185M18	CHORI-322	2R	10415542	10433552
CH322-185M19	CHORI-322	2L	20329132	20349610
CH322-185M20	CHORI-322	3R	13512335	13532616

CH322-185N03	CHORI-322	2L	16929994	16951881
CH322-185N07	CHORI-322	2L	9547644	9571375
CH322-185N08	CHORI-322	2L	1155107	1176235
CH322-185N15	CHORI-322	X	12032235	12052312
CH322-185N18	CHORI-322	2R	5968724	5991488
CH322-185N19	CHORI-322	3L	13835094	13857141
CH322-185N22	CHORI-322	3R	19340334	19359733
CH322-185O03	CHORI-322	3R	16703328	16722845
CH322-185O04	CHORI-322	3R	12427854	12448703
CH322-185O06	CHORI-322	2L	9312515	9332612
CH322-185O07	CHORI-322	X	17274851	17291959
CH322-185O09	CHORI-322	2L	11677874	11699551
CH322-185O10	CHORI-322	2RHet	52457	71383
CH322-185O11	CHORI-322	2L	1781849	1805080
CH322-185O12	CHORI-322	3L	4046193	4066493
CH322-185O14	CHORI-322	X	18877003	18899150
CH322-185O15	CHORI-322	2L	2312319	2333006
CH322-185O18	CHORI-322	3R	16098265	16121875
CH322-185O20	CHORI-322	3R	21092986	21113166
CH322-185O21	CHORI-322	3R	13710565	13730758
CH322-185P12	CHORI-322	X	1109490	1132608
CH322-186A01	CHORI-322	3R	23527000	23548623
CH322-186A05	CHORI-322	3R	11519709	11541501
CH322-186A08	CHORI-322	3R	2241584	2260805
CH322-186A11	CHORI-322	3R	25773816	25793371
CH322-186A14	CHORI-322	3R	22499443	22519266
CH322-186A20	CHORI-322	X	9905852	9926674
CH322-186A23	CHORI-322	3R	13730875	13751813
CH322-186B15	CHORI-322	2L	1425753	1447267
CH322-186B17	CHORI-322	3RHet	1784607	1805835
CH322-186B23	CHORI-322	3R	6543216	6564999
CH322-186C04	CHORI-322	3R	7725312	7748704
CH322-186C05	CHORI-322	X	15973887	15996478
CH322-186C06	CHORI-322	3L	14022173	14042955
CH322-186C08	CHORI-322	3R	21771625	21792508
CH322-186C11	CHORI-322	3L	2151770	2171380
CH322-186C12	CHORI-322	3R	14609734	14629532
CH322-186C13	CHORI-322	2L	19757932	19776758
CH322-186C14	CHORI-322	3L	3953348	3975244
CH322-186C15	CHORI-322	3L	13325809	13345485
CH322-186C16	CHORI-322	X	14284718	14305978
CH322-186C17	CHORI-322	2L	8911235	8930578
CH322-186C18	CHORI-322	3R	12767326	12788972
CH322-186C21	CHORI-322	2L	835633	858623
CH322-186C23	CHORI-322	3L	10084033	10104235
CH322-186C24	CHORI-322	X	4435091	4456207
CH322-186D08	CHORI-322	3R	15423877	15446081
CH322-186D10	CHORI-322	X	16649964	16670262
CH322-186D12	CHORI-322	3L	11457054	11479522
CH322-186D13	CHORI-322	3L	14479197	14501131
CH322-186D15	CHORI-322	3L	23374375	23397268
CH322-186D16	CHORI-322	2R	3608794	3628999
CH322-186D17	CHORI-322	3L	14269730	14290085
CH322-186D19	CHORI-322	2L	17702676	17720844

CH322-186D23	CHORI-322	2L	21783417	21802149
CH322-186E04	CHORI-322	2R	20915084	20937724
CH322-186E07	CHORI-322	2L	18159516	18180748
CH322-186E08	CHORI-322	2L	14873637	14894369
CH322-186E09	CHORI-322	2L	5948888	5969474
CH322-186E11	CHORI-322	X	13031574	13052086
CH322-186E12	CHORI-322	2R	12130916	12150969
CH322-186E13	CHORI-322	3R	14054355	14073996
CH322-186E15	CHORI-322	2R	185056	206158
CH322-186E16	CHORI-322	2R	8354956	8376968
CH322-186E17	CHORI-322	ArmU	1322994	1342651
CH322-186E18	CHORI-322	3R	6255742	6277120
CH322-186E19	CHORI-322	X	20541286	20562671
CH322-186E20	CHORI-322	3R	23832063	23849768
CH322-186E21	CHORI-322	X	2901902	2924990
CH322-186E23	CHORI-322	3L	19454816	19477175
CH322-186F03	CHORI-322	3R	7749530	7770289
CH322-186F08	CHORI-322	X	11339022	11360353
CH322-186F12	CHORI-322	3L	12964810	12985968
CH322-186F13	CHORI-322	2L	13528235	13551589
CH322-186F16	CHORI-322	2R	2734611	2754678
CH322-186F18	CHORI-322	2L	14907504	14926579
CH322-186F19	CHORI-322	3RHet	65892	85449
CH322-186F20	CHORI-322	3L	15147003	15166793
CH322-186F21	CHORI-322	3R	9985310	10002595
CH322-186F22	CHORI-322	2R	15230731	15250927
CH322-186F23	CHORI-322	3RHet	586421	606458
CH322-186G02	CHORI-322	3R	497434	519900
CH322-186G04	CHORI-322	3L	18644069	18665703
CH322-186G07	CHORI-322	3L	9973209	9992579
CH322-186G08	CHORI-322	2R	6560626	6579377
CH322-186G10	CHORI-322	ArmU	1374364	1394143
CH322-186G11	CHORI-322	2L	950096	969728
CH322-186G12	CHORI-322	3RHet	1540634	1559965
CH322-186G13	CHORI-322	2L	3069831	3089562
CH322-186G15	CHORI-322	2L	1644418	1664423
CH322-186G16	CHORI-322	3R	2180611	2203252
CH322-186G18	CHORI-322	2L	13102341	13122160
CH322-186G19	CHORI-322	3R	8095886	8114847
CH322-186G20	CHORI-322	3R	9317951	9335975
CH322-186G21	CHORI-322	2L	14502130	14522474
CH322-186G22	CHORI-322	X	8726255	8747919
CH322-186H01	CHORI-322	3L	8837296	8859357
CH322-186H03	CHORI-322	3L	24154717	24173622
CH322-186H05	CHORI-322	3R	6486252	6508092
CH322-186H06	CHORI-322	3R	1183008	1200873
CH322-186H07	CHORI-322	3L	2611760	2633483
CH322-186H09	CHORI-322	2L	16508799	16527965
CH322-186H10	CHORI-322	3L	21829127	21847835
CH322-186H11	CHORI-322	2R	6449400	6472420
CH322-186H12	CHORI-322	3L	13215428	13236079
CH322-186H13	CHORI-322	3L	14485390	14506493
CH322-186H14	CHORI-322	2R	13521313	13541679
CH322-186H15	CHORI-322	3R	1059772	1081838

CH322-186H16	CHORI-322	2L	16223211	16242132
CH322-186H19	CHORI-322	2R	19813911	19833036
CH322-186H20	CHORI-322	X	19859447	19879718
CH322-186H21	CHORI-322	3R	11420528	11443431
CH322-186H22	CHORI-322	3L	24217934	24241742
CH322-186H23	CHORI-322	3R	2057308	2079995
CH322-186I03	CHORI-322	2R	18025174	18048399
CH322-186I07	CHORI-322	X	6069281	6089138
CH322-186I08	CHORI-322	3L	20542052	20560688
CH322-186I09	CHORI-322	X	9929741	9950764
CH322-186I10	CHORI-322	3L	15899173	15918772
CH322-186I11	CHORI-322	2R	13004482	13025997
CH322-186I12	CHORI-322	3R	9524354	9544059
CH322-186I14	CHORI-322	3R	16873256	16894375
CH322-186I16	CHORI-322	2R	3240472	3262630
CH322-186I17	CHORI-322	2L	15461460	15481127
CH322-186I18	CHORI-322	2R	5971356	5990616
CH322-186I20	CHORI-322	2L	1826243	1848671
CH322-186I22	CHORI-322	3R	7149229	7172060
CH322-186I23	CHORI-322	3L	22475171	22493194
CH322-186J01	CHORI-322	3R	6358958	6379025
CH322-186J07	CHORI-322	3R	24085028	24104020
CH322-186J09	CHORI-322	2R	3428541	3451670
CH322-186J10	CHORI-322	XHet	162695	182303
CH322-186J11	CHORI-322	3L	3508232	3527528
CH322-186J12	CHORI-322	3R	24109524	24129776
CH322-186J13	CHORI-322	2L	2366295	2387664
CH322-186J15	CHORI-322	3R	14241737	14260283
CH322-186J16	CHORI-322	X	1479173	1501151
CH322-186J17	CHORI-322	3RHet	112152	129848
CH322-186J18	CHORI-322	2RHet	97917	117841
CH322-186J19	CHORI-322	3R	5392796	5415879
CH322-186J20	CHORI-322	3L	20026845	20048787
CH322-186J21	CHORI-322	3R	10725674	10744875
CH322-186K07	CHORI-322	2L	7612712	7633448
CH322-186K08	CHORI-322	3L	13836482	13856795
CH322-186K09	CHORI-322	3L	18742187	18765362
CH322-186K10	CHORI-322	2L	17264211	17286608
CH322-186K11	CHORI-322	3R	16443882	16465972
CH322-186K12	CHORI-322	3R	18154134	18176030
CH322-186K13	CHORI-322	3L	14106062	14127320
CH322-186K14	CHORI-322	3L	22031639	22053714
CH322-186K17	CHORI-322	3R	12582390	12602690
CH322-186K18	CHORI-322	3R	16933288	16954510
CH322-186K22	CHORI-322	X	20222074	20240647
CH322-186L03	CHORI-322	3R	21777097	21797117
CH322-186L06	CHORI-322	2L	5159943	5181499
CH322-186L07	CHORI-322	3R	26567206	26589425
CH322-186L08	CHORI-322	3R	18290506	18312332
CH322-186L10	CHORI-322	2L	273424	293148
CH322-186L11	CHORI-322	2R	16001279	16023889
CH322-186L12	CHORI-322	2L	8072534	8095868
CH322-186L13	CHORI-322	3LHet	924481	946900
CH322-186L14	CHORI-322	2L	11227659	11246957

CH322-186L15	CHORI-322	2L	1319918	1341757
CH322-186L16	CHORI-322	3R	22716295	22736990
CH322-186L17	CHORI-322	3L	119797	143173
CH322-186L18	CHORI-322	3R	22986480	23007259
CH322-186L19	CHORI-322	2R	5509879	5529256
CH322-186L21	CHORI-322	3L	1398634	1421204
CH322-186L22	CHORI-322	3R	10908115	10929435
CH322-186L23	CHORI-322	3L	3813583	3832780
CH322-186M07	CHORI-322	3R	26104413	26126146
CH322-186M10	CHORI-322	2L	253200	275017
CH322-186M11	CHORI-322	3L	23746370	23764413
CH322-186M16	CHORI-322	3R	17620694	17642889
CH322-186N04	CHORI-322	2L	14396155	14415415
CH322-186N06	CHORI-322	3R	16726759	16750369
CH322-186N21	CHORI-322	3R	21390747	21412037
CH322-186N22	CHORI-322	3R	9092376	9116118
CH322-186O12	CHORI-322	3R	7758775	7778571
CH322-186O13	CHORI-322	3R	42788 63859	
CH322-186O15	CHORI-322	2L	3337326	3359465
CH322-187A02	CHORI-322	2R	2746679	2767789
CH322-187A05	CHORI-322	2L	11028264	11051033
CH322-187A06	CHORI-322	X	11241396	11261607
CH322-187A08	CHORI-322	2L	1794087	1814607
CH322-187A11	CHORI-322	2L	3473028	3493850
CH322-187A13	CHORI-322	X	11351752	11373807
CH322-187A16	CHORI-322	X	3748744	3769378
CH322-187A19	CHORI-322	3L	15606446	15625260
CH322-187A20	CHORI-322	2R	16214164	16234795
CH322-187A21	CHORI-322	2R	5033461	5053997
CH322-187A22	CHORI-322	X	19515072	19536413
CH322-187A23	CHORI-322	3R	12700406	12720937
CH322-187A24	CHORI-322	3R	14039726	14057729
CH322-187B05	CHORI-322	3R	15571058	15592391
CH322-187B06	CHORI-322	2R	12400318	12424001
CH322-187B07	CHORI-322	2L	17880486	17901641
CH322-187B09	CHORI-322	2R	11368359	11388243
CH322-187B10	CHORI-322	3L	963393	984498
CH322-187B12	CHORI-322	2R	721105	742943
CH322-187B14	CHORI-322	2R	1848927	1869974
CH322-187B15	CHORI-322	3R	9097353	9116699
CH322-187B16	CHORI-322	3L	19185709	19207795
CH322-187B19	CHORI-322	2L	14531955	14550629
CH322-187B20	CHORI-322	X	1390140	1410415
CH322-187B21	CHORI-322	3R	14016654	14035889
CH322-187B22	CHORI-322	3R	11379626	11400528
CH322-187B23	CHORI-322	3R	16587651	16607688
CH322-187B24	CHORI-322	2L	2564477	2584013
CH322-187C03	CHORI-322	2R	6558799	6580186
CH322-187C05	CHORI-322	2L	12064241	12084207
CH322-187C06	CHORI-322	2R	6787015	6808673
CH322-187C08	CHORI-322	X	4170783	4194197
CH322-187C11	CHORI-322	3R	10697145	10715185
CH322-187C12	CHORI-322	3R	8028451	8046750
CH322-187C13	CHORI-322	2R	4619048	4640843

CH322-187C14	CHORI-322	X	19967724	19989159
CH322-187C15	CHORI-322	3L	20916176	20937419
CH322-187C16	CHORI-322	X	14206855	14227466
CH322-187C17	CHORI-322	X	6003938	6028249
CH322-187C18	CHORI-322	3R	5272686	5290786
CH322-187C21	CHORI-322	3L	11793921	11814632
CH322-187C22	CHORI-322	3R	10307281	10328368
CH322-187C23	CHORI-322	3R	6642467	6664464
CH322-187C24	CHORI-322	X	4290529	4308189
CH322-187D02	CHORI-322	2R	5689506	5707607
CH322-187D03	CHORI-322	X	8868576	8887083
CH322-187D05	CHORI-322	2R	830694	854573
CH322-187D08	CHORI-322	4	1032030	1051912
CH322-187D09	CHORI-322	3R	13404430	13423857
CH322-187D12	CHORI-322	3R	24546137	24568521
CH322-187D13	CHORI-322	3R	22935272	22955265
CH322-187D14	CHORI-322	2R	2400061	2423666
CH322-187D16	CHORI-322	3L	8428105	8448521
CH322-187D18	CHORI-322	2L	13563021	13583624
CH322-187D22	CHORI-322	X	4497046	4517697
CH322-187D23	CHORI-322	X	19762665	19782571
CH322-187E02	CHORI-322	2R	12915297	12938373
CH322-187E04	CHORI-322	3L	21677624	21699215
CH322-187E07	CHORI-322	2R	13756581	13776449
CH322-187E08	CHORI-322	3LHet	730544	750040
CH322-187E10	CHORI-322	3R	22230533	22250528
CH322-187E11	CHORI-322	2L	4746835	4771056
CH322-187E15	CHORI-322	3R	26815478	26834857
CH322-187E16	CHORI-322	2L	3128111	3146651
CH322-187E17	CHORI-322	2L	1355399	1375819
CH322-187E18	CHORI-322	3R	26755610	26776883
CH322-187E19	CHORI-322	2L	11162343	11183140
CH322-187E20	CHORI-322	X	11425071	11444618
CH322-187E22	CHORI-322	2L	7894726	7915060
CH322-187F05	CHORI-322	2L	2903759	2925398
CH322-187F06	CHORI-322	3L	4757379	4778400
CH322-187F07	CHORI-322	2L	8319677	8339784
CH322-187F08	CHORI-322	X	14845266	14866035
CH322-187F09	CHORI-322	2L	2538622	2559924
CH322-187F10	CHORI-322	2L	7648344	7668188
CH322-187F11	CHORI-322	X	4290529	4312748
CH322-187F12	CHORI-322	X	5977470	6001345
CH322-187F13	CHORI-322	3R	2656001	2677253
CH322-187F14	CHORI-322	2R	16288239	16311013
CH322-187F15	CHORI-322	3R	16163608	16183170
CH322-187F16	CHORI-322	3L	12958632	12977390
CH322-187F17	CHORI-322	2L	16976978	16995740
CH322-187F18	CHORI-322	3R	26039430	26059185
CH322-187F19	CHORI-322	3R	10499753	10521219
CH322-187F21	CHORI-322	2R	12138780	12159775
CH322-187F23	CHORI-322	2L	2324164	2344661
CH322-187F24	CHORI-322	2L	11349628	11371151
CH322-187G03	CHORI-322	3R	2046013	2067114
CH322-187G04	CHORI-322	3L	21225339	21248221

CH322-187G05	CHORI-322	2R	7544440	7562960
CH322-187G06	CHORI-322	3R	24266411	24288738
CH322-187G07	CHORI-322	X	21409957	21431253
CH322-187G08	CHORI-322	3L	3478794	3499623
CH322-187G10	CHORI-322	2L	18566195	18586148
CH322-187G11	CHORI-322	2RHet	3051070	3071077
CH322-187G15	CHORI-322	X	5709397	5731863
CH322-187G16	CHORI-322	3R	15635222	15654069
CH322-187G17	CHORI-322	2R	21117211	21138729
CH322-187G18	CHORI-322	3L	67651	90528
CH322-187G20	CHORI-322	3L	7545065	7564611
CH322-187G22	CHORI-322	2L	5983826	6006175
CH322-187G23	CHORI-322	2L	5592531	5612319
CH322-187G24	CHORI-322	2R	18377905	18400512
CH322-187H03	CHORI-322	X	15375830	15398078
CH322-187H04	CHORI-322	2R	9582114	9602311
CH322-187H05	CHORI-322	3R	27445075	27467454
CH322-187H06	CHORI-322	X	19710356	19729637
CH322-187H09	CHORI-322	3L	18999436	19019292
CH322-187H11	CHORI-322	3L	2611760	2634856
CH322-187H12	CHORI-322	2R	20805460	20824418
CH322-187H13	CHORI-322	3L	8009849	8029614
CH322-187H14	CHORI-322	2R	8647757	8667201
CH322-187H15	CHORI-322	2RHet	3120756	3139891
CH322-187H16	CHORI-322	3R	553882	575765
CH322-187H18	CHORI-322	2R	4151369	4174319
CH322-187H19	CHORI-322	3L	16995689	17014056
CH322-187H20	CHORI-322	2R	9351935	9372904
CH322-187H21	CHORI-322	2L	2803015	2822920
CH322-187H23	CHORI-322	2R	13207770	13229771
CH322-187H24	CHORI-322	2L	11131482	11151517
CH322-187I04	CHORI-322	2R	792908	814587
CH322-187I05	CHORI-322	3L	75485	95590
CH322-187I06	CHORI-322	3L	22121006	22140960
CH322-187I08	CHORI-322	3L	845950	868153
CH322-187I09	CHORI-322	3L	13971743	13991141
CH322-187I10	CHORI-322	3R	12623545	12642311
CH322-187I11	CHORI-322	2R	5995506	6016135
CH322-187I15	CHORI-322	3L	14356990	14378162
CH322-187I17	CHORI-322	3R	16502180	16526505
CH322-187I19	CHORI-322	3L	5693409	5712992
CH322-187I20	CHORI-322	2L	1102334	1123827
CH322-187I22	CHORI-322	2L	11917520	11938376
CH322-187I24	CHORI-322	X	18694434	18713712
CH322-187J04	CHORI-322	X	16341180	16361672
CH322-187J05	CHORI-322	2L	4049245	4066561
CH322-187J06	CHORI-322	3L	1817026	1840232
CH322-187J08	CHORI-322	3L	13992955	14013893
CH322-187J09	CHORI-322	3L	21886677	21908287
CH322-187J10	CHORI-322	3R	24619222	24640450
CH322-187J11	CHORI-322	2L	6264857	6283898
CH322-187J12	CHORI-322	3L	21533465	21551485
CH322-187J13	CHORI-322	3L	15692963	15713004
CH322-187J15	CHORI-322	2R	17372735	17394421

CH322-187J16	CHORI-322	3L	7275376	7296559
CH322-187J18	CHORI-322	3L	19365741	19386818
CH322-187J19	CHORI-322	2R	13084578	13105603
CH322-187J21	CHORI-322	2L	21018317	21037111
CH322-187J24	CHORI-322	2L	17112139	17131852
CH322-187K03	CHORI-322	X	21431250	21453000
CH322-187K06	CHORI-322	3R	10651780	10671514
CH322-187K08	CHORI-322	X	11426717	11446729
CH322-187K10	CHORI-322	2L	11692221	11711373
CH322-187K11	CHORI-322	3L	23852484	23870694
CH322-187K12	CHORI-322	2L	5159634	5180709
CH322-187K13	CHORI-322	X	10888812	10911212
CH322-187K14	CHORI-322	2L	16260693	16283461
CH322-187K15	CHORI-322	2L	20221952	20241523
CH322-187K16	CHORI-322	3L	13131973	13151465
CH322-187K20	CHORI-322	3L	21037262	21056516
CH322-187K21	CHORI-322	2R	18200874	18225163
CH322-187K22	CHORI-322	2L	8753075	8773285
CH322-187K23	CHORI-322	3R	26088534	26105624
CH322-187L04	CHORI-322	2L	5070664	5091761
CH322-187L05	CHORI-322	2L	17360220	17380528
CH322-187L06	CHORI-322	2L	14941050	14959975
CH322-187L07	CHORI-322	2R	2129242	2149955
CH322-187L08	CHORI-322	3L	3277479	3293788
CH322-187L09	CHORI-322	2L	19026786	19046392
CH322-187L10	CHORI-322	3L	3754879	3773631
CH322-187L11	CHORI-322	3R	2524131	2544375
CH322-187L12	CHORI-322	3R	13770820	13792652
CH322-187L15	CHORI-322	2R	3457446	3478625
CH322-187L18	CHORI-322	2L	22448155	22468674
CH322-187L19	CHORI-322	X	884233	905273
CH322-187L20	CHORI-322	2L	18091011	18111353
CH322-187L21	CHORI-322	X	19966498	19988691
CH322-187L22	CHORI-322	2L	18209803	18230836
CH322-187L23	CHORI-322	3L	6459122	6477600
CH322-187M06	CHORI-322	X	10222025	10242334
CH322-187M07	CHORI-322	3L	5229212	5249831
CH322-187M08	CHORI-322	2R	14507826	14529226
CH322-187M09	CHORI-322	3R	10818739	10840576
CH322-187M15	CHORI-322	3R	27010248	27031434
CH322-187M16	CHORI-322	2L	12407741	12428855
CH322-187M17	CHORI-322	2R	15877743	15898967
CH322-187M20	CHORI-322	X	6948301	6967029
CH322-187M22	CHORI-322	2RHet	1913262	1935846
CH322-187M23	CHORI-322	X	15521896	15542777
CH322-187M24	CHORI-322	X	15289221	15307661
CH322-187N04	CHORI-322	2RHet	1928619	1950900
CH322-187N05	CHORI-322	X	18698218	18719060
CH322-187N08	CHORI-322	X	6303293	6323189
CH322-187N11	CHORI-322	3R	1079678	1100562
CH322-187N12	CHORI-322	3L	10605740	10624538
CH322-187N13	CHORI-322	3L	2666011	2686671
CH322-187N14	CHORI-322	2R	2628698	2650867
CH322-187N15	CHORI-322	3L	15641835	15663356

CH322-187N16	CHORI-322	X	8133830	8156823
CH322-187N18	CHORI-322	3R	18168255	18189878
CH322-187N19	CHORI-322	3R	9130394	9151719
CH322-187N20	CHORI-322	2R	20929782	20949894
CH322-187N22	CHORI-322	3L	10259961	10277361
CH322-187N24	CHORI-322	X	8020909	8042468
CH322-187O08	CHORI-322	2R	14660093	14678589
CH322-187O11	CHORI-322	3RHet	2108747	2128330
CH322-187O13	CHORI-322	2R	948633	969470
CH322-187O14	CHORI-322	2R	18724182	18744532
CH322-187O15	CHORI-322	2L	11586141	11606824
CH322-187O16	CHORI-322	X	21129371	21151304
CH322-187O18	CHORI-322	X	9182730	9206104
CH322-187O19	CHORI-322	3L	14177663	14197312
CH322-187O20	CHORI-322	3R	19686392	19705529
CH322-187O21	CHORI-322	3R	22704387	22727234
CH322-187O22	CHORI-322	3L	20650238	20670403
CH322-187O23	CHORI-322	2R	10842766	10863779
CH322-187O24	CHORI-322	3L	16065788	16086090
CH322-187P13	CHORI-322	3R	10032962	10054475
CH322-187P15	CHORI-322	2L	9588741	9609271
CH322-187P16	CHORI-322	3L	20922019	20941767
CH322-187P17	CHORI-322	2R	7275286	7294471
CH322-187P18	CHORI-322	2L	7234926	7255821
CH322-187P21	CHORI-322	3R	14073993	14094802
CH322-187P22	CHORI-322	X	7886718	7907287
CH322-187P23	CHORI-322	2L	6652497	6672430
CH322-187P24	CHORI-322	3L	13981858	14001183
CH322-188A08	CHORI-322	X	17767457	17787804
CH322-188A09	CHORI-322	2R	807416	827210
CH322-188A13	CHORI-322	3R	12400658	12422191
CH322-188A14	CHORI-322	X	9323925	9345240
CH322-188A16	CHORI-322	3R	2885785	2906916
CH322-188A17	CHORI-322	3R	21169662	21189429
CH322-188A19	CHORI-322	3R	9707212	9727957
CH322-188B05	CHORI-322	X	16527533	16547105
CH322-188B06	CHORI-322	3L	24038983	24060382
CH322-188B07	CHORI-322	2L	18919696	18940655
CH322-188B09	CHORI-322	3L	2158744	2179846
CH322-188B10	CHORI-322	3R	3151797	3172288
CH322-188B11	CHORI-322	2L	4100912	4120792
CH322-188B13	CHORI-322	3L	5951303	5970355
CH322-188B14	CHORI-322	2R	14799993	14819555
CH322-188B19	CHORI-322	2R	19917629	19937704
CH322-188B21	CHORI-322	3L	24151664	24173790
CH322-188B22	CHORI-322	3R	7727594	7749533
CH322-188B23	CHORI-322	2L	3279424	3299682
CH322-188C04	CHORI-322	2R	5318797	5338695
CH322-188C08	CHORI-322	3R	9887044	9907855
CH322-188C09	CHORI-322	X	4929483	4949150
CH322-188C10	CHORI-322	X	17407810	17430053
CH322-188C11	CHORI-322	X	5498843	5519125
CH322-188C12	CHORI-322	2R	11599836	11622387
CH322-188C13	CHORI-322	3L	6605146	6625718

CH322-188C14	CHORI-322	2R	13220404	13243137
CH322-188C15	CHORI-322	X	9776875	9798843
CH322-188C17	CHORI-322	2L	11372011	11392859
CH322-188C18	CHORI-322	X	5204593	5224982
CH322-188C19	CHORI-322	X	14457306	14475130
CH322-188C21	CHORI-322	3L	9993487	10012193
CH322-188C23	CHORI-322	X	18050926	18073150
CH322-188C24	CHORI-322	3R	9826936	9848008
CH322-188D03	CHORI-322	3L	2973130	2994852
CH322-188D05	CHORI-322	3R	14514686	14534465
CH322-188D06	CHORI-322	3R	14085829	14108308
CH322-188D07	CHORI-322	3R	14499180	14521450
CH322-188D08	CHORI-322	3R	27456893	27477824
CH322-188D09	CHORI-322	2L	19126701	19148760
CH322-188D10	CHORI-322	2L	15151704	15171573
CH322-188D13	CHORI-322	3R	2943206	2967064
CH322-188D14	CHORI-322	2L	6618090	6639802
CH322-188D15	CHORI-322	2R	19826379	19848058
CH322-188D16	CHORI-322	3L	10241160	10259090
CH322-188D20	CHORI-322	3R	16574969	16598804
CH322-188D21	CHORI-322	3L	19416501	19436874
CH322-188D22	CHORI-322	X	3676483	3697539
CH322-188D23	CHORI-322	4	1148382	1167188
CH322-188E02	CHORI-322	3L	8551504	8570447
CH322-188E04	CHORI-322	3L	6739786	6759067
CH322-188E07	CHORI-322	2R	20196930	20217287
CH322-188E08	CHORI-322	3L	15280715	15297743
CH322-188E10	CHORI-322	3L	14012520	14032521
CH322-188E12	CHORI-322	3L	4959522	4981374
CH322-188E13	CHORI-322	2R	4517861	4538142
CH322-188E16	CHORI-322	3R	13191435	13212556
CH322-188E17	CHORI-322	2R	12837431	12857471
CH322-188E18	CHORI-322	2R	15073726	15091945
CH322-188E21	CHORI-322	2L	20045367	20065103
CH322-188E22	CHORI-322	2R	15913679	15934146
CH322-188E23	CHORI-322	3L	5668120	5687390
CH322-188E24	CHORI-322	3R	26100200	26120007
CH322-188F02	CHORI-322	3R	11400999	11424088
CH322-188F04	CHORI-322	3L	5674052	5693412
CH322-188F06	CHORI-322	2L	4766025	4786852
CH322-188F07	CHORI-322	2R	18940608	18960949
CH322-188F08	CHORI-322	3R	2780010	2798803
CH322-188F09	CHORI-322	3R	9988698	10009019
CH322-188F11	CHORI-322	ArmU	251982	273750
CH322-188F13	CHORI-322	3R	5292289	5313413
CH322-188F16	CHORI-322	2L	7351211	7370153
CH322-188F17	CHORI-322	3R	5546279	5567374
CH322-188F19	CHORI-322	2L	10717934	10742720
CH322-188F21	CHORI-322	2R	6736621	6758461
CH322-188F22	CHORI-322	2L	6837822	6858712
CH322-188F23	CHORI-322	X	10406366	10431868
CH322-188G03	CHORI-322	3R	14905096	14924802
CH322-188G05	CHORI-322	2L	14706561	14726869
CH322-188G06	CHORI-322	3L	4630310	4652132

CH322-188G07	CHORI-322	2L	20668070	20689325
CH322-188G08	CHORI-322	3L	1212835	1231812
CH322-188G09	CHORI-322	3R	21602177	21624090
CH322-188G10	CHORI-322	3R	7077087	7098783
CH322-188G11	CHORI-322	2L	9973735	9997244
CH322-188G12	CHORI-322	X	4577890	4598463
CH322-188G13	CHORI-322	3L	1172654	1193602
CH322-188G14	CHORI-322	2R	14735541	14755494
CH322-188G15	CHORI-322	2R	9792050	9813225
CH322-188G18	CHORI-322	3R	12380774	12399287
CH322-188G19	CHORI-322	3L	16066698	16086642
CH322-188G20	CHORI-322	3R	23459327	23478850
CH322-188G21	CHORI-322	2L	19078971	19097980
CH322-188G23	CHORI-322	3R	24090906	24109485
CH322-188G24	CHORI-322	3L	12438575	12462225
CH322-188H02	CHORI-322	X	15148980	15169487
CH322-188H04	CHORI-322	2L	6273891	6294079
CH322-188H05	CHORI-322	4	859583	879251
CH322-188H06	CHORI-322	2L	5148638	5168838
CH322-188H07	CHORI-322	X	4733851	4753894
CH322-188H08	CHORI-322	2L	19236626	19255444
CH322-188H09	CHORI-322	3L	172429	191860
CH322-188H10	CHORI-322	2R	6266259	6285830
CH322-188H11	CHORI-322	X	10533148	10550401
CH322-188H12	CHORI-322	3L	12305989	12328009
CH322-188H13	CHORI-322	X	17354245	17373430
CH322-188H14	CHORI-322	3L	13531133	13550519
CH322-188H15	CHORI-322	3R	7211885	7231289
CH322-188H16	CHORI-322	3L	4476101	4496102
CH322-188H17	CHORI-322	3R	11993841	12016118
CH322-188H18	CHORI-322	2R	17958958	17977268
CH322-188H20	CHORI-322	3L	15455176	15473603
CH322-188H21	CHORI-322	2L	6279676	6301457
CH322-188H22	CHORI-322	X	1651703	1671598
CH322-188H23	CHORI-322	3R	26407565	26428666
CH322-188I04	CHORI-322	3R	19394696	19414668
CH322-188I05	CHORI-322	X	7927877	7948101
CH322-188I07	CHORI-322	3L	8025894	8045811
CH322-188I08	CHORI-322	2L	3429357	3446100
CH322-188I09	CHORI-322	2R	4199965	4220270
CH322-188I10	CHORI-322	ArmU	1896871	1919111
CH322-188I11	CHORI-322	3RHet	1980534	2000314
CH322-188I13	CHORI-322	3R	7417956	7437837
CH322-188I15	CHORI-322	X	15609988	15632010
CH322-188I16	CHORI-322	3L	7289227	7310496
CH322-188I17	CHORI-322	3L	7197482	7220226
CH322-188I19	CHORI-322	2R	14605061	14625067
CH322-188I20	CHORI-322	2R	11149877	11168176
CH322-188I21	CHORI-322	3L	9109373	9129515
CH322-188I22	CHORI-322	2L	10017124	10036409
CH322-188I24	CHORI-322	X	7470907	7486605
CH322-188J02	CHORI-322	3L	22147399	22166103
CH322-188J05	CHORI-322	3R	23319628	23342628
CH322-188J06	CHORI-322	2L	10215280	10237674

CH322-188J09	CHORI-322	3L	4598385	4622023
CH322-188J13	CHORI-322	3L	4590366	4611493
CH322-188J15	CHORI-322	3L	7369168	7392084
CH322-188J17	CHORI-322	3L	13490004	13506985
CH322-188J18	CHORI-322	2L	21291759	21313401
CH322-188J19	CHORI-322	X	21007229	21027052
CH322-188J20	CHORI-322	3R	23717630	23738911
CH322-188J21	CHORI-322	2L	10389700	10410331
CH322-188J22	CHORI-322	3L	13038677	13058042
CH322-188J24	CHORI-322	2R	10797747	10818236
CH322-188K04	CHORI-322	3L	10089844	10110545
CH322-188K05	CHORI-322	X	14344070	14365322
CH322-188K06	CHORI-322	2R	14580444	14599883
CH322-188K07	CHORI-322	3R	7479783	7500313
CH322-188K08	CHORI-322	3R	20865607	20889033
CH322-188K09	CHORI-322	X	8437950	8458396
CH322-188K10	CHORI-322	2L	22645267	22665981
CH322-188K11	CHORI-322	2L	2388940	2410318
CH322-188K12	CHORI-322	X	8297485	8315603
CH322-188K13	CHORI-322	3L	21437751	21460251
CH322-188K14	CHORI-322	2R	14775765	14798479
CH322-188K16	CHORI-322	2L	9019328	9041593
CH322-188K17	CHORI-322	3L	814865	836237
CH322-188K19	CHORI-322	2L	21708287	21727722
CH322-188K20	CHORI-322	3L	22036368	22056925
CH322-188K22	CHORI-322	2L	2894748	2914420
CH322-188K23	CHORI-322	2R	17112286	17132455
CH322-188K24	CHORI-322	3R	4364583	4382135
CH322-188L04	CHORI-322	2L	13998422	14019212
CH322-188L05	CHORI-322	3L	6002817	6023662
CH322-188L06	CHORI-322	2RHet	2888025	2908664
CH322-188L07	CHORI-322	3L	5876639	5895018
CH322-188L08	CHORI-322	2L	4062198	4083995
CH322-188L09	CHORI-322	3RHet	2011004	2029147
CH322-188L10	CHORI-322	2L	8113139	8133083
CH322-188L11	CHORI-322	2R	14948709	14970025
CH322-188L12	CHORI-322	2R	5897619	5915377
CH322-188L13	CHORI-322	2R	12008865	12028880
CH322-188L14	CHORI-322	3L	8909728	8927568
CH322-188L15	CHORI-322	X	13842560	13863539
CH322-188L17	CHORI-322	3R	8227177	8248838
CH322-188L19	CHORI-322	2L	4263281	4285725
CH322-188L21	CHORI-322	3L	1476142	1497227
CH322-188L22	CHORI-322	3R	18280446	18303244
CH322-188L23	CHORI-322	2L	5913973	5934467
CH322-188M05	CHORI-322	3R	2385550	2408209
CH322-188M07	CHORI-322	2L	1243475	1263934
CH322-188M09	CHORI-322	3R	15612738	15636321
CH322-188M13	CHORI-322	X	13816848	13838334
CH322-188M16	CHORI-322	2R	14912504	14933885
CH322-188M17	CHORI-322	X	12883471	12906026
CH322-188M18	CHORI-322	3L	22740801	22763471
CH322-188M19	CHORI-322	X	19253544	19273179
CH322-188M20	CHORI-322	2L	19148312	19170833

CH322-188M21	CHORI-322	2L	9367515	9390048
CH322-188M23	CHORI-322	3R	24900564	24920157
CH322-188M24	CHORI-322	2L	15073789	15096577
CH322-188N08	CHORI-322	3R	16076290	16097986
CH322-188N09	CHORI-322	3L	21050638	21073402
CH322-188N10	CHORI-322	2L	4008436	4029240
CH322-188N11	CHORI-322	2L	251759	273711
CH322-188N12	CHORI-322	3R	8056017	8077367
CH322-188N13	CHORI-322	3R	24619267	24639958
CH322-188N14	CHORI-322	2L	21959994	21981122
CH322-188N16	CHORI-322	3L	21413700	21433874
CH322-188N17	CHORI-322	3L	4474297	4497315
CH322-188N18	CHORI-322	3L	13703605	13723531
CH322-188N21	CHORI-322	3R	3748044	3769887
CH322-188O05	CHORI-322	X	6361756	6384346
CH322-188O07	CHORI-322	2L	1393866	1413814
CH322-188O08	CHORI-322	X	21184567	21204212
CH322-188O10	CHORI-322	2L	20574723	20593667
CH322-188O11	CHORI-322	2R	19620748	19640261
CH322-188O14	CHORI-322	2R	19358501	19382346
CH322-188O16	CHORI-322	3L	3215907	3235442
CH322-188O19	CHORI-322	3R	14748669	14771715
CH322-188O22	CHORI-322	3R	14518505	14538912
CH322-189A02	CHORI-322	2R	10008890	10028357
CH322-189A08	CHORI-322	3L	19117683	19136218
CH322-189A21	CHORI-322	X	15753700	15775274
CH322-189B01	CHORI-322	2L	12090433	12110029
CH322-189B06	CHORI-322	3R	27870 48976	
CH322-189B07	CHORI-322	2R	15438472	15456622
CH322-189B11	CHORI-322	3L	5257852	5280824
CH322-189B13	CHORI-322	2L	20543575	20565124
CH322-189B15	CHORI-322	2L	12949046	12969076
CH322-189B16	CHORI-322	2R	7512408	7532861
CH322-189B17	CHORI-322	3R	9356200	9377928
CH322-189B21	CHORI-322	2R	8352269	8374224
CH322-189C04	CHORI-322	2R	11599836	11624092
CH322-189C08	CHORI-322	2R	15258090	15280851
CH322-189C11	CHORI-322	3R	2944136	2964235
CH322-189C12	CHORI-322	3R	20792842	20814727
CH322-189C13	CHORI-322	3L	11916744	11936161
CH322-189C14	CHORI-322	2L	2703972	2724368
CH322-189C16	CHORI-322	2R	6967068	6987767
CH322-189C17	CHORI-322	3R	18318876	18340503
CH322-189C20	CHORI-322	3L	22150041	22170432
CH322-189C21	CHORI-322	2L	20216333	20237030
CH322-189C22	CHORI-322	2L	756227	773027
CH322-189C23	CHORI-322	3R	8570941	8592544
CH322-189D03	CHORI-322	X	10675672	10695550
CH322-189D07	CHORI-322	X	18620677	18641533
CH322-189D08	CHORI-322	3R	19151691	19171711
CH322-189D10	CHORI-322	2L	17112158	17133630
CH322-189D11	CHORI-322	2R	14090848	14110324
CH322-189D12	CHORI-322	X	20662570	20683855
CH322-189D13	CHORI-322	X	17499278	17520647

CH322-189D14	CHORI-322	3L	41610	62600
CH322-189D16	CHORI-322	3L	15621461	15643996
CH322-189D17	CHORI-322	2R	1573840	1593092
CH322-189D18	CHORI-322	X	17768645	17788306
CH322-189D21	CHORI-322	2RHet	614552	636134
CH322-189E08	CHORI-322	X	18868405	18887857
CH322-189E10	CHORI-322	3R	4574081	4594936
CH322-189E11	CHORI-322	2L	17155763	17178303
CH322-189E12	CHORI-322	2R	10212771	10232804
CH322-189E16	CHORI-322	X	17844255	17862460
CH322-189E17	CHORI-322	3L	23425339	23445141
CH322-189E18	CHORI-322	3L	6908010	6930352
CH322-189E19	CHORI-322	2L	14557461	14577599
CH322-189E20	CHORI-322	3RHet	2087413	2107704
CH322-189E21	CHORI-322	X	14317190	14339819
CH322-189E23	CHORI-322	2R	5627445	5645148
CH322-189F08	CHORI-322	3L	20419727	20442963
CH322-189F09	CHORI-322	3L	22746840	22765973
CH322-189F10	CHORI-322	3R	26555223	26574519
CH322-189F11	CHORI-322	3R	8500863	8521662
CH322-189F13	CHORI-322	3R	17352665	17374652
CH322-189F14	CHORI-322	2L	17836319	17857340
CH322-189F15	CHORI-322	3L	21042185	21063401
CH322-189F16	CHORI-322	2L	19610226	19633710
CH322-189F17	CHORI-322	3L	22022650	22046426
CH322-189F18	CHORI-322	3L	21617094	21639670
CH322-189F19	CHORI-322	2R	1946828	1965766
CH322-189F20	CHORI-322	3L	5459384	5481601
CH322-189F21	CHORI-322	2R	4645261	4668343
CH322-189F22	CHORI-322	2L	16489372	16509330
CH322-189F23	CHORI-322	3R	10213656	10232068
CH322-189F24	CHORI-322	2R	4729521	4749456
CH322-189G03	CHORI-322	3L	20166018	20183181
CH322-189G06	CHORI-322	3L	11875530	11896811
CH322-189G07	CHORI-322	3L	22438373	22460186
CH322-189G10	CHORI-322	2R	2913335	2937528
CH322-189G11	CHORI-322	X	4599499	4619606
CH322-189G12	CHORI-322	2R	10676344	10697076
CH322-189G13	CHORI-322	3L	16933604	16953108
CH322-189G15	CHORI-322	3R	13064661	13087444
CH322-189G16	CHORI-322	2L	3332513	3354961
CH322-189G20	CHORI-322	2R	15920443	15942062
CH322-189G21	CHORI-322	3L	950069	971270
CH322-189G22	CHORI-322	3R	24064716	24086272
CH322-189G23	CHORI-322	3R	16858612	16883569
CH322-189G24	CHORI-322	2L	7456458	7476993
CH322-189H02	CHORI-322	3LHet	1153016	1174702
CH322-189H08	CHORI-322	3L	9450919	9471811
CH322-189H10	CHORI-322	3R	1555188	1575501
CH322-189H11	CHORI-322	2L	3550979	3571171
CH322-189H12	CHORI-322	3L	15537621	15559858
CH322-189H15	CHORI-322	2L	15934931	15958682
CH322-189H16	CHORI-322	2RHet	1258684	1279959
CH322-189H17	CHORI-322	X	18879984	18899250

CH322-189H18	CHORI-322	3L	18823813	18843390
CH322-189H19	CHORI-322	3R	11715622	11738910
CH322-189H20	CHORI-322	X	977931	997485
CH322-189H21	CHORI-322	3R	15084877	15106713
CH322-189I06	CHORI-322	2R	10744205	10768234
CH322-189I08	CHORI-322	2R	13533324	13553874
CH322-189I09	CHORI-322	2L	306678	327639
CH322-189I10	CHORI-322	3R	20907921	20927442
CH322-189I11	CHORI-322	X	15954852	15973887
CH322-189I12	CHORI-322	X	13190390	13211511
CH322-189I13	CHORI-322	3R	26796984	26817029
CH322-189I15	CHORI-322	X	5628279	5650707
CH322-189I16	CHORI-322	2L	2988373	3010830
CH322-189I17	CHORI-322	3L	2148412	2169532
CH322-189I18	CHORI-322	2R	504677	524047
CH322-189I19	CHORI-322	3R	17469795	17491134
CH322-189I21	CHORI-322	3L	18452656	18471238
CH322-189I22	CHORI-322	2RHet	1633705	1653434
CH322-189I24	CHORI-322	3R	1377980	1398656
CH322-189J05	CHORI-322	2L	15031237	15052080
CH322-189J06	CHORI-322	3L	11920951	11940813
CH322-189J07	CHORI-322	3L	8931412	8951240
CH322-189J09	CHORI-322	2L	18091011	18111353
CH322-189J11	CHORI-322	3R	8455348	8477001
CH322-189J12	CHORI-322	X	12609649	12630733
CH322-189J13	CHORI-322	3R	18311752	18331720
CH322-189J15	CHORI-322	3R	14650988	14673409
CH322-189J16	CHORI-322	2R	8730878	8752297
CH322-189J17	CHORI-322	3L	10304731	10324259
CH322-189J18	CHORI-322	2L	10103539	10123816
CH322-189J19	CHORI-322	3L	10498557	10517522
CH322-189J20	CHORI-322	3L	11468502	11487971
CH322-189J21	CHORI-322	2L	11657791	11678659
CH322-189J22	CHORI-322	3L	5669489	5690111
CH322-189K05	CHORI-322	2L	1618225	1637170
CH322-189K07	CHORI-322	X	7396833	7418288
CH322-189K08	CHORI-322	3R	7060178	7082038
CH322-189K09	CHORI-322	3R	5839648	5862110
CH322-189K11	CHORI-322	3R	11954665	11975638
CH322-189K12	CHORI-322	3L	12125465	12144570
CH322-189K13	CHORI-322	3L	15569984	15589577
CH322-189K14	CHORI-322	3L	16962608	16983413
CH322-189K15	CHORI-322	2R	12177939	12198599
CH322-189K18	CHORI-322	2L	17780006	17798699
CH322-189K19	CHORI-322	3R	5130639	5151490
CH322-189K20	CHORI-322	2L	15073898	15094900
CH322-189K21	CHORI-322	X	4175280	4195139
CH322-189K22	CHORI-322	2R	9323567	9346885
CH322-189K23	CHORI-322	2L	5381851	5400652
CH322-189L05	CHORI-322	2R	3054702	3074737
CH322-189L06	CHORI-322	2L	3047185	3067097
CH322-189L10	CHORI-322	X	14251240	14272402
CH322-189L11	CHORI-322	2L	22816727	22836449
CH322-189L13	CHORI-322	3L	9147753	9170214

CH322-189L14	CHORI-322	2L	7355655	7376239
CH322-189L15	CHORI-322	2L	11753119	11772404
CH322-189L17	CHORI-322	X	14016317	14037354
CH322-189L18	CHORI-322	3L	8112372	8133827
CH322-189L19	CHORI-322	X	8862379	8881679
CH322-189L22	CHORI-322	2L	1450307	1472524
CH322-189L23	CHORI-322	2L	7782289	7806103
CH322-189M03	CHORI-322	X	5551209	5572618
CH322-189M09	CHORI-322	2R	18672370	18691949
CH322-189M15	CHORI-322	3R	27736282	27759137
CH322-189M16	CHORI-322	2R	12621094	12640717
CH322-189M17	CHORI-322	2R	8198635	8221805
CH322-189M18	CHORI-322	3R	16799338	16819117
CH322-189M19	CHORI-322	3R	6294316	6319101
CH322-189M23	CHORI-322	3L	22210001	22230516
CH322-189N06	CHORI-322	X	12587100	12608058
CH322-189N14	CHORI-322	2L	1769928	1789177
CH322-189N16	CHORI-322	3R	19079329	19100508
CH322-189N18	CHORI-322	2R	13587828	13607586
CH322-189N19	CHORI-322	3L	10494521	10515608
CH322-189N21	CHORI-322	3RHet	2096312	2118493
CH322-189N22	CHORI-322	3L	5406800	5426939
CH322-189O06	CHORI-322	4	651770	671747
CH322-189O21	CHORI-322	3R	23814332	23836246
CH322-189O22	CHORI-322	X	4057255	4079900
CH322-18A04	CHORI-322	X	4342166	4365527
CH322-18A05	CHORI-322	3R	3965706	3984839
CH322-18A06	CHORI-322	3R	22715033	22733799
CH322-18A10	CHORI-322	2L	20885890	20908607
CH322-18A11	CHORI-322	3L	14147487	14170616
CH322-18A12	CHORI-322	2RHet	373876	397828
CH322-18A13	CHORI-322	2L	12089327	12111481
CH322-18A14	CHORI-322	3R	5726032	5749039
CH322-18A17	CHORI-322	X	4104333	4125892
CH322-18A18	CHORI-322	2L	13821633	13841253
CH322-18A19	CHORI-322	3R	11957900	11981187
CH322-18A20	CHORI-322	2L	15073188	15093891
CH322-18A21	CHORI-322	X	16024678	16046831
CH322-18A24	CHORI-322	X	11598703	11620548
CH322-18B02	CHORI-322	2R	4156471	4175275
CH322-18B07	CHORI-322	3L	9359397	9381613
CH322-18B08	CHORI-322	3L	10317851	10341481
CH322-18B10	CHORI-322	3L	21677441	21700046
CH322-18B13	CHORI-322	X	7975021	7999811
CH322-18B14	CHORI-322	2L	16768188	16788303
CH322-18B15	CHORI-322	X	2586635	2609733
CH322-18B23	CHORI-322	X	13456600	13476166
CH322-18B24	CHORI-322	2L	10336278	10358403
CH322-18C01	CHORI-322	3R	18897498	18920581
CH322-18C02	CHORI-322	3L	998208	1021178
CH322-18C04	CHORI-322	2L	9836530	9856753
CH322-18C14	CHORI-322	2L	3417628	3439264
CH322-18C16	CHORI-322	X	5526546	5547727
CH322-18C17	CHORI-322	3R	20092733	20112815

CH322-18C19	CHORI-322	3R	2110231	2133287
CH322-18D01	CHORI-322	X	19529202	19550186
CH322-18D03	CHORI-322	3R	6474166	6494792
CH322-18D04	CHORI-322	2R	17171734	17195903
CH322-18D05	CHORI-322	2L	5526542	5548281
CH322-18D06	CHORI-322	2L	7975962	7995310
CH322-18D08	CHORI-322	2L	20128951	20153283
CH322-18D09	CHORI-322	X	17973168	17994629
CH322-18D10	CHORI-322	2R	9257119	9276354
CH322-18D11	CHORI-322	3L	20217680	20241235
CH322-18D12	CHORI-322	3L	236878	257758
CH322-18D20	CHORI-322	3R	15223844	15245978
CH322-18D24	CHORI-322	2L	19970635	19990534
CH322-18E01	CHORI-322	3L	9500821	9523117
CH322-18E03	CHORI-322	X	16311713	16333622
CH322-18E04	CHORI-322	X	15204780	15225347
CH322-18E06	CHORI-322	2L	16586731	16608552
CH322-18E07	CHORI-322	2R	18968904	18988879
CH322-18E08	CHORI-322	3L	14645336	14665958
CH322-18E14	CHORI-322	2R	10600192	10621974
CH322-18E16	CHORI-322	2R	1542896	1565696
CH322-18E17	CHORI-322	X	11544541	11565735
CH322-18E19	CHORI-322	2R	17915125	17935518
CH322-18F01	CHORI-322	4	992831	1013137
CH322-18F02	CHORI-322	3L	14091935	14114716
CH322-18F03	CHORI-322	X	9191780	9213674
CH322-18F04	CHORI-322	3R	24456006	24479816
CH322-18F09	CHORI-322	3L	9322886	9344019
CH322-18F10	CHORI-322	2R	2191648	2215056
CH322-18F12	CHORI-322	3R	4752380	4773245
CH322-18F22	CHORI-322	3R	2171186	2192050
CH322-18F23	CHORI-322	X	11857101	11879055
CH322-18G03	CHORI-322	3L	15038338	15057989
CH322-18G04	CHORI-322	3R	19336952	19362000
CH322-18G07	CHORI-322	X	9522343	9542299
CH322-18G11	CHORI-322	3R	10569020	10590323
CH322-18G13	CHORI-322	3R	26449919	26472929
CH322-18G14	CHORI-322	X	15676910	15700082
CH322-18G15	CHORI-322	3R	19336406	19359831
CH322-18G16	CHORI-322	2L	4483906	4509327
CH322-18G21	CHORI-322	2R	998945	1018080
CH322-18G22	CHORI-322	3L	13310721	13334812
CH322-18G23	CHORI-322	2L	5745356	5766212
CH322-18H01	CHORI-322	3L	13436764	13457907
CH322-18H04	CHORI-322	3R	25562997	25584808
CH322-18H07	CHORI-322	3L	7539316	7560045
CH322-18H08	CHORI-322	3R	24183393	24204012
CH322-18H10	CHORI-322	2L	7230508	7251800
CH322-18H13	CHORI-322	2L	14662017	14680518
CH322-18H16	CHORI-322	3L	20636151	20657189
CH322-18H20	CHORI-322	3R	14563030	14585520
CH322-18H24	CHORI-322	3R	6352780	6374523
CH322-18I03	CHORI-322	3L	4491018	4510367
CH322-18I04	CHORI-322	2L	21153933	21175447

CH322-18I06	CHORI-322	3L	7572845	7595291
CH322-18I11	CHORI-322	3R	5962793	5982478
CH322-18I13	CHORI-322	3L	16819956	16839097
CH322-18I14	CHORI-322	2L	15473282	15497282
CH322-18I15	CHORI-322	3R	9669998	9689313
CH322-18I23	CHORI-322	3R	8167481	8188765
CH322-18J02	CHORI-322	3R	26385020	26405274
CH322-18J03	CHORI-322	3R	19289800	19310705
CH322-18J09	CHORI-322	2L	7609014	7629407
CH322-18J11	CHORI-322	2R	11470299	11493775
CH322-18J12	CHORI-322	3RHet	1910260	1933013
CH322-18J13	CHORI-322	3R	12172792	12196269
CH322-18K03	CHORI-322	3R	27668490	27691516
CH322-18K04	CHORI-322	2R	13666650	13685322
CH322-18K05	CHORI-322	2R	8426384	8448420
CH322-18K06	CHORI-322	3R	22664911	22686674
CH322-18K08	CHORI-322	2R	9048818	9069394
CH322-18K10	CHORI-322	2L	12038920	12063757
CH322-18K11	CHORI-322	2L	2824782	2847955
CH322-18K12	CHORI-322	3L	2956803	2980869
CH322-18L03	CHORI-322	2R	12311028	12334679
CH322-18L04	CHORI-322	3L	11573064	11593908
CH322-18L07	CHORI-322	3R	13494777	13519183
CH322-18L09	CHORI-322	X	13842555	13863539
CH322-18L10	CHORI-322	3L	4087448	4110174
CH322-18L12	CHORI-322	3R	11371100	11390998
CH322-18L14	CHORI-322	3L	8187427	8212393
CH322-18L16	CHORI-322	2L	20753405	20778745
CH322-18M05	CHORI-322	X	773438	797208
CH322-18M06	CHORI-322	3L	9775832	9800355
CH322-18M10	CHORI-322	2R	7379926	7401879
CH322-18M14	CHORI-322	2R	11280961	11303791
CH322-18M15	CHORI-322	2R	13708848	13727112
CH322-18M17	CHORI-322	2R	17221277	17243045
CH322-18M21	CHORI-322	3L	8932438	8954772
CH322-18M23	CHORI-322	3R	14854013	14875677
CH322-18M24	CHORI-322	2R	9309409	9330902
CH322-18N01	CHORI-322	2L	6243234	6263811
CH322-18N02	CHORI-322	2L	4940963	4961960
CH322-18N03	CHORI-322	2L	3848806	3869081
CH322-18N04	CHORI-322	X	3700120	3720219
CH322-18N06	CHORI-322	X	18925706	18946395
CH322-18N10	CHORI-322	3L	4190428	4212779
CH322-18N11	CHORI-322	2R	16847409	16870594
CH322-18N15	CHORI-322	3L	16419595	16443128
CH322-18N17	CHORI-322	3R	10247340	10268900
CH322-18N19	CHORI-322	2R	16515762	16536902
CH322-18N20	CHORI-322	2R	3957222	3978697
CH322-18N21	CHORI-322	3L	2824141	2846945
CH322-18O01	CHORI-322	3R	15704437	15729395
CH322-18O02	CHORI-322	3L	2211651	2236560
CH322-18O06	CHORI-322	3R	6941146	6963681
CH322-18O07	CHORI-322	2R	4458615	4479862
CH322-18O09	CHORI-322	2L	5320060	5339919

CH322-18O10	CHORI-322	3R	9467787	9488273
CH322-18O11	CHORI-322	3L	16238246	16259594
CH322-18O12	CHORI-322	2R	8125362	8146151
CH322-18O16	CHORI-322	3L	16616666	16640023
CH322-18O19	CHORI-322	2R	13987559	14009709
CH322-18O21	CHORI-322	2R	21083348	21103603
CH322-18P01	CHORI-322	3R	20081413	20103515
CH322-18P02	CHORI-322	2L	5893099	5914289
CH322-18P04	CHORI-322	2R	11912407	11933537
CH322-18P06	CHORI-322	X	1779710	1802059
CH322-18P07	CHORI-322	X	857381	879518
CH322-18P08	CHORI-322	2R	7938778	7961215
CH322-18P10	CHORI-322	3R	20354661	20377884
CH322-18P12	CHORI-322	3L	18464707	18485689
CH322-18P13	CHORI-322	2L	4451166	4473124
CH322-18P14	CHORI-322	3L	3715124	3736961
CH322-18P15	CHORI-322	2RHet	1872216	1893027
CH322-18P20	CHORI-322	2R	7692434	7715883
CH322-18P21	CHORI-322	3R	14765499	14785081
CH322-18P22	CHORI-322	2R	18692570	18713069
CH322-18P23	CHORI-322	X	20918714	20940085
CH322-18P24	CHORI-322	3R	21159238	21180275
CH322-190A02	CHORI-322	3R	7360293	7381410
CH322-190A03	CHORI-322	3R	5109613	5129086
CH322-190A06	CHORI-322	2L	1498952	1518834
CH322-190A09	CHORI-322	2R	6838263	6858578
CH322-190A12	CHORI-322	2L	1750342	1771646
CH322-190A15	CHORI-322	2R	15297398	15320513
CH322-190A16	CHORI-322	3L	22440560	22461540
CH322-190A17	CHORI-322	4	249904	268390
CH322-190A18	CHORI-322	3L	1647130	1671168
CH322-190A22	CHORI-322	2R	7903961	7927027
CH322-190B01	CHORI-322	3R	19063479	19085475
CH322-190B03	CHORI-322	3L	17651046	17671235
CH322-190B04	CHORI-322	3L	5228164	5246779
CH322-190B06	CHORI-322	3R	2974427	2994678
CH322-190B07	CHORI-322	2R	13678531	13703408
CH322-190B09	CHORI-322	3R	12113120	12136077
CH322-190B11	CHORI-322	2L	2745211	2766394
CH322-190B12	CHORI-322	2R	16503228	16526716
CH322-190B15	CHORI-322	2L	22604595	22623232
CH322-190B16	CHORI-322	3LHet	586359	606635
CH322-190B19	CHORI-322	3R	25642838	25664297
CH322-190C02	CHORI-322	2L	10979289	11001169
CH322-190C03	CHORI-322	2R	10673348	10692312
CH322-190C04	CHORI-322	3R	22240241	22263220
CH322-190C05	CHORI-322	4	656889	677209
CH322-190C06	CHORI-322	3R	20844244	20865610
CH322-190C08	CHORI-322	3RHet	142840	163698
CH322-190C09	CHORI-322	2R	1124754	1145718
CH322-190C10	CHORI-322	3L	22384003	22402759
CH322-190C11	CHORI-322	3R	14339001	14357875
CH322-190C12	CHORI-322	X	6614945	6636721
CH322-190C13	CHORI-322	3R	26113546	26133302

CH322-190C15	CHORI-322	3R	23193067	23215113
CH322-190C16	CHORI-322	3L	20928195	20950391
CH322-190C17	CHORI-322	2R	5663523	5684800
CH322-190C20	CHORI-322	2L	4101252	4122225
CH322-190C21	CHORI-322	X	12039401	12057672
CH322-190C22	CHORI-322	3L	15395416	15414408
CH322-190C23	CHORI-322	3R	5272686	5290786
CH322-190D02	CHORI-322	2L	18261522	18280865
CH322-190D03	CHORI-322	2R	8242995	8263120
CH322-190D04	CHORI-322	X	22304922	22326317
CH322-190D05	CHORI-322	3R	19035534	19055927
CH322-190D06	CHORI-322	2R	13711098	13732177
CH322-190D10	CHORI-322	2R	4461039	4480778
CH322-190D12	CHORI-322	2R	12140929	12162587
CH322-190D13	CHORI-322	2L	7831322	7853067
CH322-190D15	CHORI-322	2R	9946664	9966449
CH322-190D16	CHORI-322	3R	14118973	14139229
CH322-190D18	CHORI-322	3R	596672	618482
CH322-190D19	CHORI-322	X	4556641	4579564
CH322-190D20	CHORI-322	3L	18861369	18880131
CH322-190D22	CHORI-322	3L	944399	963396
CH322-190D23	CHORI-322	3R	11511180	11530790
CH322-190E01	CHORI-322	X	3856450	3876422
CH322-190E02	CHORI-322	2L	10221696	10240072
CH322-190E03	CHORI-322	3L	19855362	19878776
CH322-190E04	CHORI-322	2R	13455645	13474580
CH322-190E05	CHORI-322	3L	9536562	9554788
CH322-190E06	CHORI-322	2R	589323	610134
CH322-190E09	CHORI-322	2L	12686961	12707091
CH322-190E10	CHORI-322	2L	17864941	17885892
CH322-190E12	CHORI-322	3L	18330585	18352011
CH322-190E13	CHORI-322	3R	25581723	25601704
CH322-190E14	CHORI-322	2L	15550990	15571266
CH322-190E15	CHORI-322	3L	21911412	21930730
CH322-190E17	CHORI-322	2L	12060521	12079949
CH322-190E18	CHORI-322	3L	9929241	9951653
CH322-190E19	CHORI-322	3L	21846896	21869297
CH322-190E20	CHORI-322	3RHet	1999063	2020378
CH322-190E21	CHORI-322	X	4222454	4243147
CH322-190E23	CHORI-322	3L	20810109	20829046
CH322-190F01	CHORI-322	3L	9595328	9616566
CH322-190F04	CHORI-322	2L	19007150	19030562
CH322-190F06	CHORI-322	3R	2385141	2406763
CH322-190F07	CHORI-322	3L	15802069	15822832
CH322-190F08	CHORI-322	3R	7678262	7699328
CH322-190F09	CHORI-322	2R	18412555	18436317
CH322-190F10	CHORI-322	2R	11315133	11336748
CH322-190F12	CHORI-322	X	17067760	17088021
CH322-190F13	CHORI-322	3R	13317123	13336857
CH322-190F15	CHORI-322	3R	14998706	15019058
CH322-190F16	CHORI-322	2R	148756	169749
CH322-190F17	CHORI-322	3R	4181577	4204998
CH322-190F19	CHORI-322	3R	5958620	5977274
CH322-190F20	CHORI-322	3L	12075733	12095079

CH322-190F22	CHORI-322	3R	3806061	3824935
CH322-190F23	CHORI-322	2L	15560820	15582709
CH322-190G02	CHORI-322	X	12363649	12382788
CH322-190G03	CHORI-322	3L	8062676	8082327
CH322-190G04	CHORI-322	3R	13478515	13499018
CH322-190G05	CHORI-322	2R	7157784	7179180
CH322-190G07	CHORI-322	3L	3843658	3862837
CH322-190G08	CHORI-322	2L	4259054	4278539
CH322-190G09	CHORI-322	2R	15340885	15362914
CH322-190G10	CHORI-322	2L	21887373	21909852
CH322-190G11	CHORI-322	3L	12241966	12261029
CH322-190G12	CHORI-322	X	21311940	21333194
CH322-190G13	CHORI-322	3L	14833184	14854303
CH322-190G14	CHORI-322	X	2583598	2609326
CH322-190G15	CHORI-322	3L	2192332	2211456
CH322-190G17	CHORI-322	3R	18908291	18931842
CH322-190G19	CHORI-322	3L	3762135	3784531
CH322-190G20	CHORI-322	3R	19044799	19063482
CH322-190G21	CHORI-322	2L	22539307	22560863
CH322-190G23	CHORI-322	3R	7155928	7178460
CH322-190H01	CHORI-322	2L	4322104	4343619
CH322-190H03	CHORI-322	2L	8227548	8246618
CH322-190H05	CHORI-322	3L	4928029	4950617
CH322-190H06	CHORI-322	X	14046309	14065811
CH322-190H07	CHORI-322	2L	8044626	8069111
CH322-190H09	CHORI-322	3LHet	1133664	1156220
CH322-190H10	CHORI-322	3R	10318465	10339712
CH322-190H13	CHORI-322	2L	6031309	6053356
CH322-190H14	CHORI-322	3R	20581823	20604711
CH322-190H15	CHORI-322	3R	13395041	13415379
CH322-190H16	CHORI-322	3L	2019553	2040624
CH322-190H17	CHORI-322	2L	5642265	5662750
CH322-190H18	CHORI-322	3L	10517519	10538930
CH322-190H21	CHORI-322	2RHet	3057765	3079094
CH322-190H22	CHORI-322	2R	5494633	5514508
CH322-190H23	CHORI-322	2L	17640084	17659572
CH322-190I03	CHORI-322	2R	10497285	10517449
CH322-190I04	CHORI-322	2L	20726731	20751214
CH322-190I05	CHORI-322	3L	4078862	4100838
CH322-190I06	CHORI-322	3R	2665986	2687867
CH322-190I07	CHORI-322	3R	19723306	19745520
CH322-190I09	CHORI-322	3L	10465771	10484547
CH322-190I11	CHORI-322	3L	19192198	19212936
CH322-190I12	CHORI-322	2L	6384877	6405957
CH322-190I13	CHORI-322	2L	1016191	1036506
CH322-190I14	CHORI-322	2L	12111478	12130838
CH322-190I15	CHORI-322	2R	12391522	12412619
CH322-190I16	CHORI-322	3L	15457095	15477791
CH322-190I17	CHORI-322	3L	694570	714446
CH322-190I18	CHORI-322	3R	3823763	3841236
CH322-190I19	CHORI-322	X	2788962	2809818
CH322-190I21	CHORI-322	3R	15161320	15182456
CH322-190I22	CHORI-322	2R	19072178	19093814
CH322-190I23	CHORI-322	2R	7512157	7531649

CH322-190J03	CHORI-322	3L	16414331	16437106
CH322-190J04	CHORI-322	X	20781481	20800013
CH322-190J06	CHORI-322	X	13620488	13640242
CH322-190J07	CHORI-322	2R	14514872	14536450
CH322-190J08	CHORI-322	2R	14822853	14842010
CH322-190J10	CHORI-322	2L	11287966	11306615
CH322-190J11	CHORI-322	X	10322617	10344240
CH322-190J12	CHORI-322	2R	18187803	18207544
CH322-190J13	CHORI-322	3R	7718490	7739979
CH322-190J15	CHORI-322	2L	8312669	8332570
CH322-190J16	CHORI-322	2L	15507085	15528326
CH322-190J17	CHORI-322	2L	2904936	2926298
CH322-190J18	CHORI-322	3L	14521692	14543748
CH322-190J19	CHORI-322	3L	9797875	9816956
CH322-190J21	CHORI-322	2R	4297149	4320556
CH322-190J22	CHORI-322	3L	24213560	24232888
CH322-190K02	CHORI-322	2L	15480443	15501226
CH322-190K03	CHORI-322	2R	5652009	5675076
CH322-190K06	CHORI-322	3R	24415677	24436346
CH322-190K07	CHORI-322	2L	10543907	10565450
CH322-190K08	CHORI-322	2L	17914173	17931461
CH322-190K09	CHORI-322	3R	1087382	1107940
CH322-190K10	CHORI-322	3R	10358885	10377574
CH322-190K11	CHORI-322	ArmU	974827	995346
CH322-190K12	CHORI-322	2R	2854962	2876594
CH322-190K13	CHORI-322	3L	12412839	12435568
CH322-190K15	CHORI-322	2R	5363986	5386384
CH322-190K16	CHORI-322	3L	11394941	11413719
CH322-190K19	CHORI-322	3R	1569043	1589315
CH322-190K20	CHORI-322	3L	13063383	13083636
CH322-190K21	CHORI-322	3L	22391004	22412936
CH322-190K22	CHORI-322	X	9387128	9406147
CH322-190L03	CHORI-322	2R	16400715	16422481
CH322-190L04	CHORI-322	2L	10988422	11007872
CH322-190L08	CHORI-322	3R	10617440	10642823
CH322-190L09	CHORI-322	2L	15248150	15268115
CH322-190L10	CHORI-322	2L	14462056	14483273
CH322-190L11	CHORI-322	X	6096332	6116302
CH322-190L12	CHORI-322	2L	19363950	19385643
CH322-190L13	CHORI-322	X	4057175	4079900
CH322-190L15	CHORI-322	X	16721636	16739884
CH322-190L18	CHORI-322	X	6042809	6062163
CH322-190L19	CHORI-322	3L	22812353	22833481
CH322-190L21	CHORI-322	2L	4324690	4346239
CH322-190M03	CHORI-322	3R	16123131	16142741
CH322-190M05	CHORI-322	3L	5980631	6002820
CH322-190M11	CHORI-322	2L	2703353	2725307
CH322-190M13	CHORI-322	3R	14829822	14852313
CH322-190M15	CHORI-322	3L	5779178	5800951
CH322-190M21	CHORI-322	2R	15683608	15703412
CH322-190M22	CHORI-322	2L	20412473	20434267
CH322-190M23	CHORI-322	2L	21113872	21132447
CH322-190N05	CHORI-322	2RHet	630559	653156
CH322-190N07	CHORI-322	3R	984276	1008196

CH322-190N08	CHORI-322	3L	16793387	16812060
CH322-190N11	CHORI-322	3R	26233435	26255835
CH322-190N12	CHORI-322	2R	367687	383874
CH322-190N14	CHORI-322	2L	17720946	17742851
CH322-190N17	CHORI-322	2R	16043721	16064102
CH322-190N18	CHORI-322	3R	27220001	27239294
CH322-190N20	CHORI-322	3R	3979740	3999372
CH322-190N21	CHORI-322	3L	1671429	1692968
CH322-190O03	CHORI-322	3R	3768421	3787830
CH322-190O06	CHORI-322	X	17210158	17232009
CH322-190O07	CHORI-322	X	19573888	19597814
CH322-190O08	CHORI-322	2R	20696947	20718160
CH322-190O09	CHORI-322	X	11915262	11936269
CH322-190O12	CHORI-322	2L	18628759	18648614
CH322-190O13	CHORI-322	3R	11002510	11021414
CH322-190O15	CHORI-322	2R	3949525	3973075
CH322-191A08	CHORI-322	2L	2553017	2576192
CH322-191A09	CHORI-322	X	5801026	5824201
CH322-191A13	CHORI-322	3R	13078531	13099559
CH322-191A19	CHORI-322	3R	1787126	1809876
CH322-191A21	CHORI-322	3L	17810381	17835020
CH322-191A22	CHORI-322	X	10640953	10659320
CH322-191A24	CHORI-322	3R	19780319	19799644
CH322-191B04	CHORI-322	3L	19945127	19965720
CH322-191B07	CHORI-322	3R	23222630	23242709
CH322-191B09	CHORI-322	3L	16621655	16639520
CH322-191B10	CHORI-322	3R	10608480	10628324
CH322-191B12	CHORI-322	2R	8607889	8629612
CH322-191B13	CHORI-322	X	4731702	4753678
CH322-191B14	CHORI-322	2RHet	1129819	1149335
CH322-191B15	CHORI-322	ArmU	252117	273588
CH322-191B16	CHORI-322	2L	1630153	1651737
CH322-191B17	CHORI-322	3R	14590306	14614274
CH322-191B19	CHORI-322	3L	5353901	5372643
CH322-191B21	CHORI-322	2R	1782913	1802345
CH322-191B22	CHORI-322	2L	1586648	1606772
CH322-191B23	CHORI-322	2R	11371789	11392183
CH322-191C06	CHORI-322	3R	12638054	12657105
CH322-191C08	CHORI-322	2L	3086511	3106568
CH322-191C09	CHORI-322	3RHet	1890727	1910459
CH322-191C11	CHORI-322	3L	12202468	12223627
CH322-191C12	CHORI-322	4	420413	441482
CH322-191C14	CHORI-322	3L	24305253	24325568
CH322-191C15	CHORI-322	3L	23444032	23463051
CH322-191C16	CHORI-322	2R	14336288	14357945
CH322-191C17	CHORI-322	3R	27242055	27262266
CH322-191C18	CHORI-322	3L	6093825	6114333
CH322-191C19	CHORI-322	2R	2905085	2925932
CH322-191C22	CHORI-322	X	540149	559827
CH322-191C24	CHORI-322	2R	4288316	4309065
CH322-191D02	CHORI-322	3L	9864628	9883648
CH322-191D05	CHORI-322	2R	8541630	8562136
CH322-191D06	CHORI-322	2L	4263281	4283683
CH322-191D07	CHORI-322	3R	17027105	17048791

CH322-191D08	CHORI-322	2R	9928654	9949286
CH322-191D09	CHORI-322	3R	1692238	1714391
CH322-191D10	CHORI-322	2R	10835401	10855542
CH322-191D11	CHORI-322	2L	7228144	7249947
CH322-191D13	CHORI-322	3R	12326612	12347621
CH322-191D14	CHORI-322	3R	21609364	21632412
CH322-191D16	CHORI-322	3L	19440570	19458879
CH322-191D18	CHORI-322	3L	23369380	23390697
CH322-191D19	CHORI-322	2L	5593579	5614693
CH322-191D20	CHORI-322	3R	24888360	24909424
CH322-191D22	CHORI-322	3L	1760121	1780834
CH322-191D24	CHORI-322	2R	13597100	13616928
CH322-191E05	CHORI-322	2L	18492427	18511661
CH322-191E07	CHORI-322	3R	3350486	3369764
CH322-191E08	CHORI-322	2L	1866990	1889779
CH322-191E09	CHORI-322	2L	4808561	4829660
CH322-191E10	CHORI-322	2L	19610226	19631882
CH322-191E11	CHORI-322	3L	281318	299904
CH322-191E14	CHORI-322	2L	685692	705932
CH322-191E16	CHORI-322	3R	766511	786400
CH322-191E17	CHORI-322	X	21834248	21855222
CH322-191E18	CHORI-322	3R	3586606	3607592
CH322-191E19	CHORI-322	X	20016293	20036220
CH322-191E21	CHORI-322	2R	1306274	1328712
CH322-191E22	CHORI-322	X	21140916	21160598
CH322-191E23	CHORI-322	2R	13140118	13157998
CH322-191E24	CHORI-322	X	6647315	6667429
CH322-191F02	CHORI-322	2L	1848446	1867141
CH322-191F04	CHORI-322	3L	19495141	19514390
CH322-191F05	CHORI-322	X	17839829	17862460
CH322-191F07	CHORI-322	3L	19228004	19247383
CH322-191F08	CHORI-322	3R	3266643	3286209
CH322-191F09	CHORI-322	3R	25425930	25445431
CH322-191F10	CHORI-322	3L	8125666	8148231
CH322-191F11	CHORI-322	2L	16968617	16988466
CH322-191F12	CHORI-322	2R	9199710	9221541
CH322-191F13	CHORI-322	2LHet	194432	216703
CH322-191F14	CHORI-322	2L	20899224	20920958
CH322-191F15	CHORI-322	2R	16951201	16971763
CH322-191F16	CHORI-322	X	4039872	4060873
CH322-191F17	CHORI-322	2L	2492242	2510733
CH322-191F19	CHORI-322	X	13173952	13193039
CH322-191F20	CHORI-322	2L	10089553	10109176
CH322-191F21	CHORI-322	2R	14774666	14796347
CH322-191F24	CHORI-322	3R	20773680	20794245
CH322-191G06	CHORI-322	3R	15452342	15474696
CH322-191G07	CHORI-322	3R	11877135	11897333
CH322-191G08	CHORI-322	2R	1664369	1683871
CH322-191G09	CHORI-322	2L	22814817	22835052
CH322-191G10	CHORI-322	3L	3174470	3197186
CH322-191G11	CHORI-322	2L	7786532	7809048
CH322-191G14	CHORI-322	3LHet	553341	574009
CH322-191G15	CHORI-322	3R	22379627	22399812
CH322-191G16	CHORI-322	3L	1445190	1463847

CH322-191G17	CHORI-322	3R	2712956	2736141
CH322-191G20	CHORI-322	3L	3576016	3599191
CH322-191G21	CHORI-322	X	20005274	20027295
CH322-191G23	CHORI-322	3L	1574934	1595524
CH322-191G24	CHORI-322	3L	9594759	9613957
CH322-191H01	CHORI-322	2L	5527401	5550733
CH322-191H03	CHORI-322	2L	10979289	11001169
CH322-191H06	CHORI-322	X	9983340	10002400
CH322-191H07	CHORI-322	3L	18562291	18582898
CH322-191H08	CHORI-322	2L	20323906	20346055
CH322-191H11	CHORI-322	3L	24014704	24036687
CH322-191H12	CHORI-322	3L	23680035	23698245
CH322-191H13	CHORI-322	3L	6364188	6384866
CH322-191H14	CHORI-322	2L	18889573	18910205
CH322-191H15	CHORI-322	2L	13687469	13708706
CH322-191H16	CHORI-322	2R	10592680	10614850
CH322-191H17	CHORI-322	2L	743217	764328
CH322-191H18	CHORI-322	3L	12852395	12871230
CH322-191H19	CHORI-322	3R	5588140	5610521
CH322-191H20	CHORI-322	3L	8907051	8927195
CH322-191H22	CHORI-322	3L	20916537	20936647
CH322-191H23	CHORI-322	3L	4828016	4852414
CH322-191I03	CHORI-322	2R	15945997	15969445
CH322-191I04	CHORI-322	2RHet	608449	627587
CH322-191I05	CHORI-322	2L	19226157	19249047
CH322-191I06	CHORI-322	X	7182	26719
CH322-191I07	CHORI-322	3L	21740987	21761511
CH322-191I10	CHORI-322	X	9745599	9767914
CH322-191I11	CHORI-322	2L	19141901	19161182
CH322-191I12	CHORI-322	3L	15929995	15949931
CH322-191I15	CHORI-322	3R	25379342	25400514
CH322-191I17	CHORI-322	2L	14958934	14979993
CH322-191I18	CHORI-322	3R	25684977	25709242
CH322-191I19	CHORI-322	2R	5224422	5247432
CH322-191I20	CHORI-322	X	4146956	4166832
CH322-191I21	CHORI-322	X	18470698	18494572
CH322-191I23	CHORI-322	3R	12280342	12300188
CH322-191I24	CHORI-322	3L	11901002	11920796
CH322-191J03	CHORI-322	X	9264276	9284499
CH322-191J04	CHORI-322	3R	13814360	13836370
CH322-191J05	CHORI-322	3R	16796668	16815828
CH322-191J06	CHORI-322	3L	4652098	4675535
CH322-191J07	CHORI-322	3L	17448255	17468537
CH322-191J08	CHORI-322	2L	1251657	1273724
CH322-191J09	CHORI-322	3R	23812918	23831947
CH322-191J10	CHORI-322	X	18228542	18249989
CH322-191J11	CHORI-322	3RHet	1446737	1468826
CH322-191J12	CHORI-322	X	11893904	11913272
CH322-191J14	CHORI-322	2L	12820703	12843230
CH322-191J17	CHORI-322	3L	15348309	15370154
CH322-191J19	CHORI-322	3R	19529360	19548336
CH322-191J20	CHORI-322	2R	10552941	10573973
CH322-191J23	CHORI-322	X	6934585	6954798
CH322-191J24	CHORI-322	X	22347790	22368975

CH322-191K03	CHORI-322	3R	27686886	27707664
CH322-191K08	CHORI-322	2R	14400150	14421029
CH322-191K09	CHORI-322	3R	25434291	25454531
CH322-191K11	CHORI-322	2L	14082601	14100263
CH322-191K13	CHORI-322	3L	14097572	14117173
CH322-191K14	CHORI-322	3L	15626868	15645899
CH322-191K15	CHORI-322	3R	1963993	1983297
CH322-191K16	CHORI-322	2R	7666818	7688211
CH322-191K18	CHORI-322	X	9750640	9769919
CH322-191K19	CHORI-322	X	637785	656747
CH322-191K20	CHORI-322	3R	1254112	1273634
CH322-191L03	CHORI-322	X	8867994	8887083
CH322-191L04	CHORI-322	3R	9092239	9114225
CH322-191L06	CHORI-322	3R	10105500	10126791
CH322-191L08	CHORI-322	3L	16243470	16263803
CH322-191L09	CHORI-322	3R	24751482	24771928
CH322-191L10	CHORI-322	3R	17380497	17400175
CH322-191L11	CHORI-322	3R	2827458	2848746
CH322-191L12	CHORI-322	2R	9595751	9616318
CH322-191L13	CHORI-322	3L	14203333	14225795
CH322-191L14	CHORI-322	3R	1711330	1733208
CH322-191L16	CHORI-322	2L	14361400	14380494
CH322-191L17	CHORI-322	2R	13417158	13436214
CH322-191L18	CHORI-322	3L	13485075	13505476
CH322-191L23	CHORI-322	2L	1361851	1382906
CH322-191M06	CHORI-322	2L	8556763	8578402
CH322-191M08	CHORI-322	2L	21562454	21580370
CH322-191M09	CHORI-322	3L	14709766	14730056
CH322-191M11	CHORI-322	X	4015423	4035979
CH322-191M13	CHORI-322	3R	2669075	2688208
CH322-191M14	CHORI-322	X	16996442	17015826
CH322-191M15	CHORI-322	2L	22684920	22707504
CH322-191M16	CHORI-322	2R	10577112	10596079
CH322-191M21	CHORI-322	2L	14380491	14399190
CH322-191M23	CHORI-322	4	1082150	1102850
CH322-191M24	CHORI-322	3L	12847296	12868146
CH322-191N05	CHORI-322	3L	16334703	16354262
CH322-191N11	CHORI-322	3L	5669454	5688932
CH322-191N12	CHORI-322	2RHet	692490	714398
CH322-191N16	CHORI-322	3R	19280158	19303419
CH322-191N19	CHORI-322	2L	1689142	1712956
CH322-191N21	CHORI-322	3L	13967330	13992958
CH322-191N22	CHORI-322	X	6139125	6164498
CH322-191N23	CHORI-322	3R	2659165	2678360
CH322-191O10	CHORI-322	3L	9818142	9837565
CH322-191O11	CHORI-322	3R	26246280	26266842
CH322-191O14	CHORI-322	3R	4265016	4285920
CH322-191O15	CHORI-322	X	885208	905273
CH322-191O17	CHORI-322	2R	1189682	1209882
CH322-191O19	CHORI-322	2L	18377336	18398231
CH322-191O21	CHORI-322	2L	1195234	1216354
CH322-191O22	CHORI-322	3R	15850154	15870167
CH322-191O23	CHORI-322	2R	938277	958320
CH322-192A01	CHORI-322	3L	5810155	5829881

CH322-192A05	CHORI-322	X	2313752	2330848
CH322-192A09	CHORI-322	3R	20266125	20284559
CH322-192A11	CHORI-322	3R	15481889	15501448
CH322-192A18	CHORI-322	2R	8991535	9012632
CH322-192A19	CHORI-322	2L	8831633	8853980
CH322-192B03	CHORI-322	3L	5227983	5247854
CH322-192B08	CHORI-322	2L	11486643	11506122
CH322-192B10	CHORI-322	3R	1295746	1319412
CH322-192B13	CHORI-322	3L	11172005	11194679
CH322-192B15	CHORI-322	X	5768707	5783958
CH322-192B16	CHORI-322	2R	10398104	10416999
CH322-192B21	CHORI-322	2R	2778475	2797979
CH322-192B22	CHORI-322	3R	2893778	2915993
CH322-192B23	CHORI-322	3R	9613562	9636913
CH322-192C02	CHORI-322	2R	5530223	5551723
CH322-192C04	CHORI-322	3L	2416420	2434976
CH322-192C05	CHORI-322	3R	16374076	16393830
CH322-192C06	CHORI-322	3R	23419245	23441084
CH322-192C09	CHORI-322	3L	17806481	17829133
CH322-192C10	CHORI-322	3L	11345567	11364529
CH322-192C11	CHORI-322	X	1783458	1805967
CH322-192C14	CHORI-322	3L	10001373	10022817
CH322-192C15	CHORI-322	3L	18957017	18976682
CH322-192C16	CHORI-322	3R	3381475	3401972
CH322-192C17	CHORI-322	2R	19256958	19279367
CH322-192C19	CHORI-322	3R	14804440	14825546
CH322-192C20	CHORI-322	3L	3715177	3738312
CH322-192C21	CHORI-322	2L	18455104	18475569
CH322-192C22	CHORI-322	X	15854923	15872735
CH322-192C23	CHORI-322	3L	12649609	12671577
CH322-192D01	CHORI-322	3R	16032040	16050292
CH322-192D03	CHORI-322	2R	2979727	3003700
CH322-192D04	CHORI-322	3R	7317729	7337235
CH322-192D05	CHORI-322	3R	15782435	15803643
CH322-192D07	CHORI-322	2L	4857414	4879567
CH322-192D11	CHORI-322	2R	12165304	12186396
CH322-192D12	CHORI-322	3L	1479002	1498222
CH322-192D13	CHORI-322	3R	4184166	4204998
CH322-192D14	CHORI-322	2L	17602343	17622092
CH322-192D16	CHORI-322	3L	11576525	11600351
CH322-192D19	CHORI-322	3L	14890224	14908010
CH322-192D20	CHORI-322	3R	23973753	23994850
CH322-192D21	CHORI-322	2R	14205595	14227021
CH322-192D24	CHORI-322	2L	8095929	8117629
CH322-192E01	CHORI-322	3R	19198028	19218232
CH322-192E02	CHORI-322	2L	14424664	14445935
CH322-192E03	CHORI-322	2R	2657144	2675195
CH322-192E04	CHORI-322	3L	3453624	3474100
CH322-192E06	CHORI-322	3R	5701924	5722031
CH322-192E07	CHORI-322	3L	13676384	13697050
CH322-192E08	CHORI-322	3L	21561082	21579541
CH322-192E09	CHORI-322	X	4383752	4403808
CH322-192E10	CHORI-322	3R	13629090	13651566
CH322-192E11	CHORI-322	2L	8327442	8347209

CH322-192E12	CHORI-322	3L	16374002	16393310
CH322-192E13	CHORI-322	2RHet	3182148	3198559
CH322-192E15	CHORI-322	3L	9229306	9249659
CH322-192E16	CHORI-322	X	13786312	13805688
CH322-192E17	CHORI-322	2R	16749951	16771511
CH322-192E19	CHORI-322	3R	25162616	25184532
CH322-192E21	CHORI-322	X	16603962	16626084
CH322-192F03	CHORI-322	3R	6638693	6658408
CH322-192F05	CHORI-322	X	5023597	5044400
CH322-192F06	CHORI-322	3L	1229672	1249979
CH322-192F08	CHORI-322	3R	18158358	18177159
CH322-192F11	CHORI-322	2L	14086630	14103974
CH322-192F13	CHORI-322	3R	1402389	1423668
CH322-192F15	CHORI-322	3R	13709738	13730758
CH322-192F19	CHORI-322	2R	7976089	7995419
CH322-192F20	CHORI-322	2L	5471464	5493771
CH322-192F21	CHORI-322	2R	6330215	6349358
CH322-192F22	CHORI-322	2L	79377 98246	
CH322-192F23	CHORI-322	X	1653040	1673329
CH322-192G02	CHORI-322	2L	8732126	8752948
CH322-192G03	CHORI-322	2R	19742490	19764993
CH322-192G09	CHORI-322	X	6296993	6320476
CH322-192G10	CHORI-322	X	9381799	9401252
CH322-192G11	CHORI-322	2L	16410607	16431993
CH322-192G12	CHORI-322	X	5212557	5231800
CH322-192G13	CHORI-322	3R	4277526	4297256
CH322-192G14	CHORI-322	3R	13107090	13127182
CH322-192G16	CHORI-322	2L	20241520	20260826
CH322-192G17	CHORI-322	3R	6961935	6981449
CH322-192G18	CHORI-322	2L	22600366	22624737
CH322-192G19	CHORI-322	2R	2475253	2497406
CH322-192G21	CHORI-322	3R	9590771	9613565
CH322-192G23	CHORI-322	3R	22101685	22124247
CH322-192H02	CHORI-322	2L	10788206	10809150
CH322-192H03	CHORI-322	3R	13793642	13815235
CH322-192H04	CHORI-322	2R	523887	545095
CH322-192H05	CHORI-322	3R	12580385	12601856
CH322-192H06	CHORI-322	3LHet	2485198	2507345
CH322-192H07	CHORI-322	3L	20776861	20794817
CH322-192H08	CHORI-322	2R	19733978	19756255
CH322-192H11	CHORI-322	2L	6099327	6119475
CH322-192H13	CHORI-322	3L	2215159	2236526
CH322-192H14	CHORI-322	2L	16621299	16639913
CH322-192H15	CHORI-322	3L	10305486	10325101
CH322-192H16	CHORI-322	2R	5504054	5523467
CH322-192H18	CHORI-322	X	16945472	16963754
CH322-192H20	CHORI-322	2L	21642896	21660337
CH322-192H21	CHORI-322	2L	1889902	1913311
CH322-192H22	CHORI-322	2L	13100555	13122160
CH322-192H23	CHORI-322	3L	3734066	3753491
CH322-192H24	CHORI-322	2L	22949109	22970999
CH322-192I01	CHORI-322	3R	12358493	12379284
CH322-192I03	CHORI-322	3R	10495715	10517022
CH322-192I04	CHORI-322	3R	26548250	26568958

CH322-192I05	CHORI-322	3R	16540088	16560445
CH322-192I06	CHORI-322	2L	8291410	8312996
CH322-192I08	CHORI-322	3L	17753742	17772136
CH322-192I09	CHORI-322	3L	10192148	10211277
CH322-192I10	CHORI-322	2L	9535520	9556399
CH322-192I12	CHORI-322	3L	16368304	16388362
CH322-192I13	CHORI-322	X	21828707	21847385
CH322-192I14	CHORI-322	2L	7301489	7324279
CH322-192I15	CHORI-322	3R	15227742	15249622
CH322-192I17	CHORI-322	X	7516855	7539060
CH322-192I18	CHORI-322	2L	4712878	4732953
CH322-192I19	CHORI-322	3L	1977599	1997122
CH322-192I21	CHORI-322	3R	3589644	3608147
CH322-192I22	CHORI-322	3L	9454016	9477281
CH322-192I23	CHORI-322	X	5703743	5722659
CH322-192I24	CHORI-322	3L	22468958	22490479
CH322-192J02	CHORI-322	2L	12173659	12195371
CH322-192J03	CHORI-322	3L	15357832	15378638
CH322-192J05	CHORI-322	X	3024698	3045312
CH322-192J06	CHORI-322	3R	1622322	1645162
CH322-192J07	CHORI-322	3L	6541424	6562946
CH322-192J08	CHORI-322	3L	22189718	22209927
CH322-192J12	CHORI-322	3L	14646997	14668428
CH322-192J15	CHORI-322	X	2382806	2404460
CH322-192J16	CHORI-322	3R	6236436	6256265
CH322-192J17	CHORI-322	2R	16771508	16794036
CH322-192J20	CHORI-322	3L	1826393	1845985
CH322-192J22	CHORI-322	2L	14266189	14287570
CH322-192J23	CHORI-322	2R	16252375	16274183
CH322-192J24	CHORI-322	3R	17200676	17220808
CH322-192K05	CHORI-322	2L	9555190	9576609
CH322-192K06	CHORI-322	2L	12280972	12301674
CH322-192K07	CHORI-322	3L	13878253	13897397
CH322-192K08	CHORI-322	2R	10684794	10704554
CH322-192K13	CHORI-322	3R	9638835	9659449
CH322-192K14	CHORI-322	X	10381333	10404791
CH322-192K15	CHORI-322	X	331097	349332
CH322-192K16	CHORI-322	2L	6584005	6604556
CH322-192K17	CHORI-322	2L	5443664	5463655
CH322-192K18	CHORI-322	2R	1351842	1372072
CH322-192K20	CHORI-322	2L	6020038	6041670
CH322-192K21	CHORI-322	3L	5499368	5519465
CH322-192K22	CHORI-322	3L	4861913	4884977
CH322-192K23	CHORI-322	3R	14749954	14771715
CH322-192L03	CHORI-322	3R	24734800	24758230
CH322-192L04	CHORI-322	2R	11073009	11092717
CH322-192L07	CHORI-322	3R	10783132	10802370
CH322-192L08	CHORI-322	2L	13566480	13586175
CH322-192L10	CHORI-322	3R	3699645	3721439
CH322-192L11	CHORI-322	3R	22489583	22508803
CH322-192L12	CHORI-322	3RHet	1887039	1906929
CH322-192L13	CHORI-322	3R	9543483	9563921
CH322-192L15	CHORI-322	3L	19026730	19046444
CH322-192L16	CHORI-322	3R	10823097	10844699

CH322-192L17	CHORI-322	3R	19599846	19622348
CH322-192L19	CHORI-322	X	13119516	13138384
CH322-192L20	CHORI-322	3L	6907896	6926872
CH322-192L21	CHORI-322	2L	15389598	15411395
CH322-192L22	CHORI-322	3R	18463998	18483393
CH322-192L23	CHORI-322	2L	18449467	18469283
CH322-192M04	CHORI-322	2L	8299511	8317664
CH322-192M06	CHORI-322	2L	13997923	14018491
CH322-192M10	CHORI-322	3L	2416420	2435108
CH322-192M11	CHORI-322	4	719330	739209
CH322-192M14	CHORI-322	3L	11917154	11937693
CH322-192M15	CHORI-322	2L	17522430	17540544
CH322-192M16	CHORI-322	3L	11266555	11289167
CH322-192M17	CHORI-322	3L	754925	775626
CH322-192M19	CHORI-322	2R	15168320	15190275
CH322-192M20	CHORI-322	2R	4930881	4952807
CH322-192M22	CHORI-322	3R	20533559	20554927
CH322-192N05	CHORI-322	3R	13300830	13321578
CH322-192N06	CHORI-322	X	14275206	14296454
CH322-192N09	CHORI-322	3L	3055252	3073700
CH322-192N10	CHORI-322	X	16945904	16967095
CH322-192N11	CHORI-322	2R	12557508	12575261
CH322-192N15	CHORI-322	3L	3570104	3588329
CH322-192N16	CHORI-322	3L	6577977	6599789
CH322-192N17	CHORI-322	X	3026820	3047674
CH322-192N19	CHORI-322	3R	16909907	16933257
CH322-192N20	CHORI-322	2R	16711291	16731715
CH322-192N21	CHORI-322	3R	16539415	16563046
CH322-192N22	CHORI-322	2L	18091584	18112509
CH322-192O03	CHORI-322	3L	7469222	7489320
CH322-192O06	CHORI-322	2R	17784535	17806920
CH322-192O08	CHORI-322	2L	256678	277347
CH322-192O14	CHORI-322	2R	20262198	20281403
CH322-192O15	CHORI-322	2L	14686264	14705957
CH322-192O19	CHORI-322	2R	5577807	5598029
CH322-192O22	CHORI-322	3R	20409923	20431910
CH322-192P19	CHORI-322	3L	3095233	3118038
CH322-19A04	CHORI-322	3R	20546152	20571596
CH322-19A06	CHORI-322	X	15978986	16002169
CH322-19A08	CHORI-322	3R	867065	889725
CH322-19A09	CHORI-322	2R	8245518	8265504
CH322-19A11	CHORI-322	X	154782	176481
CH322-19A12	CHORI-322	3R	8055210	8075121
CH322-19A13	CHORI-322	3L	1167080	1190007
CH322-19A14	CHORI-322	3R	13412668	13433152
CH322-19A17	CHORI-322	3R	24546142	24566559
CH322-19A19	CHORI-322	3L	10624026	10646570
CH322-19A20	CHORI-322	2R	16135578	16160024
CH322-19A21	CHORI-322	2L	5078004	5097713
CH322-19A24	CHORI-322	3R	19542754	19563874
CH322-19B01	CHORI-322	3L	3625988	3648011
CH322-19B03	CHORI-322	3L	2418014	2440126
CH322-19B10	CHORI-322	3LHet	875410	895242
CH322-19B12	CHORI-322	3L	8029721	8048325

CH322-19C01	CHORI-322	X	19506262	19529205
CH322-19C04	CHORI-322	2R	16841883	16865598
CH322-19C11	CHORI-322	3L	15206036	15229974
CH322-19C12	CHORI-322	2L	18988712	19011115
CH322-19C13	CHORI-322	3R	3913507	3936367
CH322-19C17	CHORI-322	2L	13789708	13810929
CH322-19D03	CHORI-322	3L	16784385	16806977
CH322-19D04	CHORI-322	3R	10391743	10413051
CH322-19D05	CHORI-322	3R	3016680	3037308
CH322-19D07	CHORI-322	2L	18474023	18496150
CH322-19D11	CHORI-322	X	13850660	13870365
CH322-19D12	CHORI-322	2L	3522022	3541970
CH322-19D15	CHORI-322	3L	3153450	3176813
CH322-19D16	CHORI-322	2L	8009848	8032651
CH322-19D19	CHORI-322	2L	5802690	5824271
CH322-19D20	CHORI-322	3R	6418596	6437854
CH322-19D23	CHORI-322	2R	7472158	7494222
CH322-19E03	CHORI-322	2L	12775515	12795484
CH322-19E04	CHORI-322	2L	21084804	21108763
CH322-19E07	CHORI-322	X	5807820	5828350
CH322-19E09	CHORI-322	3L	3588798	3608691
CH322-19E11	CHORI-322	3L	21436173	21458999
CH322-19E13	CHORI-322	2R	9673054	9695862
CH322-19E17	CHORI-322	3R	4168586	4193275
CH322-19E18	CHORI-322	3R	13439426	13461620
CH322-19E19	CHORI-322	2R	19415463	19436342
CH322-19E21	CHORI-322	2L	20615203	20637304
CH322-19F04	CHORI-322	2R	20532204	20554921
CH322-19F06	CHORI-322	3R	1676363	1696947
CH322-19F11	CHORI-322	X	7050096	7069661
CH322-19F12	CHORI-322	X	18249631	18271256
CH322-19F13	CHORI-322	2R	5716058	5737075
CH322-19F14	CHORI-322	3L	13478517	13501745
CH322-19F18	CHORI-322	3R	12084703	12106498
CH322-19F23	CHORI-322	2R	17714694	17736790
CH322-19G12	CHORI-322	3L	6691875	6712468
CH322-19G13	CHORI-322	2L	8325908	8347645
CH322-19H04	CHORI-322	2R	11223815	11244849
CH322-19H06	CHORI-322	3R	11020357	11042390
CH322-19H10	CHORI-322	2R	8293570	8313727
CH322-19H12	CHORI-322	X	1717586	1737661
CH322-19H13	CHORI-322	3R	17005072	17027957
CH322-19H14	CHORI-322	3L	3112892	3135384
CH322-19H18	CHORI-322	3R	19780004	19802552
CH322-19H20	CHORI-322	3L	9338743	9360030
CH322-19I02	CHORI-322	X	5606442	5626689
CH322-19I03	CHORI-322	3R	27582273	27606327
CH322-19I04	CHORI-322	X	10613102	10632587
CH322-19I11	CHORI-322	2R	20460661	20482978
CH322-19I15	CHORI-322	ArmU	65698	86423
CH322-19I16	CHORI-322	3R	17465905	17487814
CH322-19I17	CHORI-322	X	14688675	14712756
CH322-19I20	CHORI-322	X	9834658	9858147
CH322-19J03	CHORI-322	3R	19557931	19578842

CH322-19J05	CHORI-322	2L	12941653	12961608
CH322-19J09	CHORI-322	3R	2699051	2720582
CH322-19J13	CHORI-322	3L	2589674	2609743
CH322-19J15	CHORI-322	X	7410225	7431194
CH322-19J16	CHORI-322	3R	12364610	12387924
CH322-19J21	CHORI-322	X	378676	401828
CH322-19K01	CHORI-322	2R	16870951	16896684
CH322-19K03	CHORI-322	3R	23782024	23804145
CH322-19K07	CHORI-322	2L	15825482	15847855
CH322-19K09	CHORI-322	3R	11922980	11943988
CH322-19K11	CHORI-322	2L	6255163	6277441
CH322-19K12	CHORI-322	3L	2976777	2995584
CH322-19K16	CHORI-322	2L	8261223	8281377
CH322-19L03	CHORI-322	2L	7337405	7359821
CH322-19L04	CHORI-322	3L	7534029	7556161
CH322-19L06	CHORI-322	3L	18200094	18224247
CH322-19L08	CHORI-322	3L	22884289	22905386
CH322-19L12	CHORI-322	3R	14725499	14745863
CH322-19L13	CHORI-322	X	484066	507940
CH322-19L23	CHORI-322	3R	20558128	20581348
CH322-19M03	CHORI-322	3R	7700239	7722607
CH322-19M06	CHORI-322	2L	16112469	16132490
CH322-19M08	CHORI-322	2L	8006525	8028433
CH322-19M09	CHORI-322	3L	1566462	1589493
CH322-19M10	CHORI-322	2R	4025444	4046077
CH322-19M15	CHORI-322	X	3598071	3619946
CH322-19M16	CHORI-322	3R	18518218	18542894
CH322-19M17	CHORI-322	3R	21860940	21885944
CH322-19M22	CHORI-322	3L	21895920	21920476
CH322-19N01	CHORI-322	3R	14017655	14039950
CH322-19N06	CHORI-322	3R	17402664	17424063
CH322-19N07	CHORI-322	X	18625219	18645349
CH322-19N09	CHORI-322	2L	2427021	2451791
CH322-19N10	CHORI-322	3RHet	12039	31758
CH322-19N15	CHORI-322	2R	4565766	4585982
CH322-19O02	CHORI-322	2L	8080703	8102614
CH322-19O03	CHORI-322	X	16558233	16580659
CH322-19O04	CHORI-322	3L	9797354	9818145
CH322-19O07	CHORI-322	2L	578251	600596
CH322-19O10	CHORI-322	2L	11372280	11397293
CH322-19O11	CHORI-322	2L	309287	330035
CH322-19O12	CHORI-322	2R	11149268	11172192
CH322-19O16	CHORI-322	3LHet	1359895	1379356
CH322-19O17	CHORI-322	2R	3090380	3111291
CH322-19O19	CHORI-322	3R	1534315	1555191
CH322-19P06	CHORI-322	2L	3485971	3510607
CH322-19P07	CHORI-322	3R	20049545	20069584
CH322-19P09	CHORI-322	3R	4753974	4778343
CH322-19P10	CHORI-322	3L	10950925	10972953
CH322-19P14	CHORI-322	X	8499774	8520850
CH322-19P16	CHORI-322	X	20744048	20763589
CH322-19P18	CHORI-322	3L	734348	754094
CH322-20A02	CHORI-322	2L	3602916	3626787
CH322-20A03	CHORI-322	3R	20852893	20875340

CH322-20A06	CHORI-322	3L	3937272	3957570
CH322-20A07	CHORI-322	X	15114467	15137094
CH322-20A08	CHORI-322	X	10455617	10475841
CH322-20A09	CHORI-322	3R	6940498	6962107
CH322-20A10	CHORI-322	3L	5731774	5756456
CH322-20A11	CHORI-322	3R	12347147	12368527
CH322-20A12	CHORI-322	3R	1460747	1481501
CH322-20A13	CHORI-322	2R	17720395	17742844
CH322-20A15	CHORI-322	X	15789788	15812328
CH322-20A18	CHORI-322	3R	17705774	17729638
CH322-20A20	CHORI-322	3R	18196702	18218991
CH322-20A22	CHORI-322	3L	16013826	16034195
CH322-20A23	CHORI-322	3R	9248470	9269674
CH322-20A24	CHORI-322	2R	11910777	11935243
CH322-20B03	CHORI-322	2R	19634879	19654771
CH322-20B04	CHORI-322	X	12518674	12540374
CH322-20B07	CHORI-322	2L	15262181	15282040
CH322-20B08	CHORI-322	3R	23049421	23073088
CH322-20B12	CHORI-322	3R	2452833	2478007
CH322-20B13	CHORI-322	2R	9640275	9661713
CH322-20B14	CHORI-322	3L	810269	833729
CH322-20B15	CHORI-322	3L	1900367	1923820
CH322-20B17	CHORI-322	2R	6335623	6356368
CH322-20B18	CHORI-322	2L	14523108	14543306
CH322-20B19	CHORI-322	X	7490552	7510764
CH322-20B22	CHORI-322	2L	4390250	4413628
CH322-20C03	CHORI-322	2L	7838877	7860913
CH322-20C04	CHORI-322	3L	12708827	12733311
CH322-20C06	CHORI-322	2L	22158935	22182515
CH322-20C08	CHORI-322	2L	15384444	15406267
CH322-20C09	CHORI-322	3R	12962999	12984192
CH322-20C11	CHORI-322	3L	652203	673742
CH322-20C14	CHORI-322	3R	2170042	2190877
CH322-20C22	CHORI-322	X	4754979	4775871
CH322-20D01	CHORI-322	3L	7719156	7741062
CH322-20D02	CHORI-322	2L	6908189	6928169
CH322-20D03	CHORI-322	3R	17071344	17092481
CH322-20D04	CHORI-322	2R	7431383	7453891
CH322-20D05	CHORI-322	3L	1481763	1503501
CH322-20D06	CHORI-322	2L	15863854	15888115
CH322-20D07	CHORI-322	X	6140913	6162967
CH322-20D11	CHORI-322	2L	8897854	8919874
CH322-20D12	CHORI-322	4	261451	282846
CH322-20D17	CHORI-322	2R	3429440	3448888
CH322-20D23	CHORI-322	X	1198045	1222971
CH322-20E03	CHORI-322	3L	18262968	18284112
CH322-20E05	CHORI-322	X	19542330	19565070
CH322-20E07	CHORI-322	2L	14093802	14115802
CH322-20E08	CHORI-322	3R	9742616	9762994
CH322-20E09	CHORI-322	3R	19866052	19890113
CH322-20E10	CHORI-322	3L	564731	584242
CH322-20E12	CHORI-322	3R	13790468	13812777
CH322-20E13	CHORI-322	2L	4623146	4644473
CH322-20E15	CHORI-322	3L	18695678	18716657

CH322-20E16	CHORI-322	ArmU	2417103	2437066
CH322-20E19	CHORI-322	3L	13925206	13948154
CH322-20E21	CHORI-322	3R	9028236	9050610
CH322-20E23	CHORI-322	X	13643971	13664137
CH322-20F02	CHORI-322	3L	14147011	14166145
CH322-20F03	CHORI-322	3R	18562993	18585419
CH322-20F04	CHORI-322	3L	19229176	19249967
CH322-20F09	CHORI-322	2L	10535330	10557194
CH322-20F12	CHORI-322	3L	21567145	21591402
CH322-20F15	CHORI-322	X	16110066	16132278
CH322-20F17	CHORI-322	X	19568730	19590433
CH322-20G04	CHORI-322	2R	663665	684923
CH322-20G06	CHORI-322	2R	20953422	20975806
CH322-20G08	CHORI-322	X	16915644	16934879
CH322-20G11	CHORI-322	3R	6398916	6418263
CH322-20G17	CHORI-322	3R	15073014	15095633
CH322-20G21	CHORI-322	3R	24640542	24660277
CH322-20G22	CHORI-322	3L	20445044	20464464
CH322-20H01	CHORI-322	3L	7747083	7768892
CH322-20H02	CHORI-322	2R	7836198	7858064
CH322-20H03	CHORI-322	2L	20889660	20909806
CH322-20H04	CHORI-322	4	387101	409805
CH322-20H05	CHORI-322	3L	9797615	9818547
CH322-20H07	CHORI-322	2L	8689145	8710543
CH322-20H10	CHORI-322	4	284579	304458
CH322-20H11	CHORI-322	X	604741	628268
CH322-20H13	CHORI-322	3R	27215844	27235927
CH322-20H14	CHORI-322	2R	10411285	10432974
CH322-20H15	CHORI-322	2R	18602218	18627704
CH322-20H17	CHORI-322	3R	11042130	11062240
CH322-20H18	CHORI-322	3LHet	1058008	1077285
CH322-20H19	CHORI-322	X	8964245	8986363
CH322-20H21	CHORI-322	2L	4803640	4826575
CH322-20H23	CHORI-322	3R	15003582	15024267
CH322-20I04	CHORI-322	3R	6088704	6111198
CH322-20I06	CHORI-322	3R	4606597	4628898
CH322-20I08	CHORI-322	2R	12093125	12112681
CH322-20I21	CHORI-322	2R	16598072	16620584
CH322-20J01	CHORI-322	3R	13281498	13304178
CH322-20J02	CHORI-322	X	8754957	8776999
CH322-20J03	CHORI-322	3R	7241576	7264250
CH322-20J09	CHORI-322	X	6142646	6163679
CH322-20J10	CHORI-322	2R	8326667	8350738
CH322-20J11	CHORI-322	2L	7031938	7055694
CH322-20J13	CHORI-322	3R	21192914	21211984
CH322-20J21	CHORI-322	3L	6693712	6713376
CH322-20J23	CHORI-322	2R	4606468	4630201
CH322-20K01	CHORI-322	3R	3320954	3340906
CH322-20K03	CHORI-322	X	17541617	17565695
CH322-20K04	CHORI-322	X	14748483	14771722
CH322-20K08	CHORI-322	3R	1960357	1982059
CH322-20K10	CHORI-322	2L	7125758	7148402
CH322-20K11	CHORI-322	2L	8159649	8182639
CH322-20K12	CHORI-322	3L	7728065	7748793

CH322-20K15	CHORI-322	3R	13534914	13559434
CH322-20K20	CHORI-322	2L	8468262	8490177
CH322-20K23	CHORI-322	X	15629989	15650490
CH322-20K24	CHORI-322	3R	273614	293923
CH322-20L01	CHORI-322	3L	3011582	3031684
CH322-20L03	CHORI-322	3L	16953571	16975007
CH322-20L05	CHORI-322	2R	17433040	17453669
CH322-20L06	CHORI-322	2L	14105056	14127870
CH322-20L09	CHORI-322	2R	12088105	12110850
CH322-20L10	CHORI-322	3L	16797011	16819959
CH322-20L13	CHORI-322	3L	6744640	6765309
CH322-20L15	CHORI-322	3R	27621800	27644667
CH322-20L16	CHORI-322	3R	22357896	22378420
CH322-20L17	CHORI-322	2L	15331959	15351541
CH322-20M01	CHORI-322	3L	2121115	2141668
CH322-20M03	CHORI-322	3R	9090264	9115227
CH322-20M04	CHORI-322	2R	2089330	2114007
CH322-20M05	CHORI-322	3L	20686965	20706821
CH322-20M07	CHORI-322	X	8539952	8560589
CH322-20M08	CHORI-322	2L	9513547	9531605
CH322-20M10	CHORI-322	4	414872	434355
CH322-20M11	CHORI-322	2R	14854951	14874122
CH322-20M12	CHORI-322	X	19656392	19677162
CH322-20M14	CHORI-322	2R	980384	999229
CH322-20M15	CHORI-322	3L	7090656	7114426
CH322-20M17	CHORI-322	3L	8880394	8901083
CH322-20M18	CHORI-322	3R	5021991	5045505
CH322-20M19	CHORI-322	X	5180374	5199978
CH322-20M22	CHORI-322	2L	6832707	6855717
CH322-20N01	CHORI-322	X	9038531	9063523
CH322-20N03	CHORI-322	2R	4265320	4285085
CH322-20N04	CHORI-322	2L	7924833	7946201
CH322-20N05	CHORI-322	2L	5073822	5097127
CH322-20N06	CHORI-322	3L	5849769	5870113
CH322-20N08	CHORI-322	3R	25583	48298
CH322-20N15	CHORI-322	3R	15494126	15513844
CH322-20N16	CHORI-322	3R	2950075	2973725
CH322-20N17	CHORI-322	3L	1802294	1826860
CH322-20N19	CHORI-322	2L	4595958	4617472
CH322-20N21	CHORI-322	X	14368874	14392295
CH322-20N23	CHORI-322	3L	13986840	14009656
CH322-20O01	CHORI-322	3L	8685078	8705341
CH322-20O03	CHORI-322	3R	16688311	16712142
CH322-20O04	CHORI-322	2RHet	1927399	1949158
CH322-20O06	CHORI-322	X	16193696	16218504
CH322-20O07	CHORI-322	2L	18631934	18652141
CH322-20O08	CHORI-322	3L	5749520	5772441
CH322-20O12	CHORI-322	X	7779164	7799146
CH322-20O13	CHORI-322	X	6642304	6662969
CH322-20O15	CHORI-322	3L	22899012	22923236
CH322-20O16	CHORI-322	3R	2599962	2619490
CH322-20O17	CHORI-322	3R	11957697	11978195
CH322-20P01	CHORI-322	X	20333090	20357426
CH322-20P02	CHORI-322	2L	11060464	11081693

CH322-20P03	CHORI-322	2R	484241	504205
CH322-20P04	CHORI-322	2L	522922	545355
CH322-20P05	CHORI-322	2R	10508691	10528352
CH322-20P06	CHORI-322	3R	24520422	24541671
CH322-20P08	CHORI-322	2L	5999615	6022111
CH322-20P09	CHORI-322	3R	12761806	12786840
CH322-20P11	CHORI-322	2L	11022972	11046948
CH322-20P12	CHORI-322	3R	7834642	7858135
CH322-20P14	CHORI-322	3L	17616687	17638411
CH322-20P15	CHORI-322	X	11803046	11824459
CH322-20P16	CHORI-322	3L	4009990	4032639
CH322-20P17	CHORI-322	3R	23432444	23453544
CH322-20P18	CHORI-322	X	15727267	15747832
CH322-20P19	CHORI-322	X	7968547	7989325
CH322-20P20	CHORI-322	2R	5061253	5083460
CH322-20P22	CHORI-322	X	13516154	13537383
CH322-21A03	CHORI-322	2R	833749	856579
CH322-21A04	CHORI-322	3R	24554821	24575284
CH322-21A08	CHORI-322	X	17716558	17737820
CH322-21A09	CHORI-322	2L	12368960	12391756
CH322-21A10	CHORI-322	3L	3185755	3206185
CH322-21A11	CHORI-322	3R	10191384	10213188
CH322-21A12	CHORI-322	2L	1555688	1576700
CH322-21A13	CHORI-322	3R	11670022	11692082
CH322-21A15	CHORI-322	X	20494369	20513451
CH322-21A16	CHORI-322	X	10334605	10357349
CH322-21A17	CHORI-322	3R	26592244	26612525
CH322-21A19	CHORI-322	2R	2918912	2941110
CH322-21A20	CHORI-322	X	4352013	4373488
CH322-21A21	CHORI-322	3L	3718366	3738312
CH322-21A23	CHORI-322	3R	24825378	24848199
CH322-21B02	CHORI-322	X	14741664	14764237
CH322-21B07	CHORI-322	X	15312085	15332593
CH322-21B08	CHORI-322	3L	11914810	11937693
CH322-21B09	CHORI-322	3R	3731977	3756378
CH322-21B11	CHORI-322	2L	17033596	17052907
CH322-21B12	CHORI-322	2R	12902705	12924901
CH322-21B13	CHORI-322	2L	1942852	1964064
CH322-21B14	CHORI-322	3R	21863529	21885806
CH322-21B15	CHORI-322	3R	1800158	1820850
CH322-21B16	CHORI-322	2R	19470464	19494425
CH322-21B19	CHORI-322	2R	1264883	1287659
CH322-21B23	CHORI-322	2R	20466036	20487897
CH322-21B24	CHORI-322	X	6152503	6168676
CH322-21C08	CHORI-322	3R	19177467	19198812
CH322-21C09	CHORI-322	X	5105510	5130192
CH322-21C11	CHORI-322	3R	26013472	26033928
CH322-21C13	CHORI-322	2L	611973	635505
CH322-21C16	CHORI-322	2R	16168880	16189587
CH322-21C18	CHORI-322	2R	16940733	16961703
CH322-21C19	CHORI-322	2R	3251128	3270422
CH322-21C21	CHORI-322	2L	13278358	13300358
CH322-21C24	CHORI-322	3R	22161284	22181606
CH322-21D01	CHORI-322	X	6664977	6690605

CH322-21D02	CHORI-322	2R	17143327	17166445
CH322-21D03	CHORI-322	3L	13665689	13689117
CH322-21D04	CHORI-322	2R	8126084	8148549
CH322-21D05	CHORI-322	2L	15340188	15364496
CH322-21D06	CHORI-322	2R	6242063	6264099
CH322-21D07	CHORI-322	2L	92310	115694
CH322-21D10	CHORI-322	2L	5958762	5982412
CH322-21D13	CHORI-322	2R	20654671	20675742
CH322-21D15	CHORI-322	3R	26397675	26418838
CH322-21D16	CHORI-322	X	19164611	19184715
CH322-21D17	CHORI-322	3L	10212231	10232190
CH322-21D19	CHORI-322	2R	7891766	7913807
CH322-21D20	CHORI-322	2L	107190	128171
CH322-21D21	CHORI-322	3L	5356741	5377682
CH322-21D22	CHORI-322	X	19754837	19779201
CH322-21E03	CHORI-322	2R	13711155	13731349
CH322-21E07	CHORI-322	2R	19831764	19856969
CH322-21E09	CHORI-322	3R	9169883	9193623
CH322-21E13	CHORI-322	X	4676464	4697579
CH322-21E15	CHORI-322	3LHet	206459	227371
CH322-21E19	CHORI-322	X	1135989	1160806
CH322-21E22	CHORI-322	2L	4504339	4530632
CH322-21E23	CHORI-322	3L	1483179	1505103
CH322-21F01	CHORI-322	2R	18621441	18642891
CH322-21F03	CHORI-322	2L	6707024	6731803
CH322-21F13	CHORI-322	2L	4428631	4450379
CH322-21F15	CHORI-322	X	2829935	2854059
CH322-21F21	CHORI-322	2L	15049857	15070611
CH322-21F23	CHORI-322	X	3845322	3868131
CH322-21G02	CHORI-322	3R	15243286	15264598
CH322-21G03	CHORI-322	3L	2385314	2406872
CH322-21G05	CHORI-322	3R	15177621	15199239
CH322-21G06	CHORI-322	3R	4100223	4122630
CH322-21G07	CHORI-322	2R	5163215	5185228
CH322-21G11	CHORI-322	X	14141025	14166707
CH322-21G12	CHORI-322	X	9591791	9611762
CH322-21G13	CHORI-322	3R	3588848	3608208
CH322-21G14	CHORI-322	3L	5205099	5227590
CH322-21G16	CHORI-322	2L	16882610	16902673
CH322-21G19	CHORI-322	3R	14874719	14894879
CH322-21H02	CHORI-322	X	16511234	16535878
CH322-21H04	CHORI-322	2R	19326745	19351513
CH322-21H05	CHORI-322	3L	14845353	14867566
CH322-21H07	CHORI-322	2L	12192765	12212855
CH322-21H12	CHORI-322	2L	11626881	11647655
CH322-21H14	CHORI-322	X	15215422	15236298
CH322-21H16	CHORI-322	3L	5870421	5892472
CH322-21H19	CHORI-322	X	20483223	20502270
CH322-21H21	CHORI-322	2L	15006479	15026982
CH322-21H22	CHORI-322	3R	12305882	12326615
CH322-21I02	CHORI-322	3R	9466153	9488279
CH322-21I03	CHORI-322	3L	20204138	20228861
CH322-21I09	CHORI-322	3R	10683541	10705119
CH322-21I12	CHORI-322	2R	4502311	4526743

CH322-21I14	CHORI-322	3L	22882398	22907644
CH322-21I15	CHORI-322	3L	12532083	12551942
CH322-21I16	CHORI-322	3R	22764879	22787149
CH322-21I17	CHORI-322	2R	18020237	18042649
CH322-21I18	CHORI-322	3L	16120595	16141675
CH322-21I19	CHORI-322	3R	11174437	11197199
CH322-21I23	CHORI-322	3R	1462973	1486167
CH322-21J01	CHORI-322	2R	1516181	1537510
CH322-21J02	CHORI-322	3L	3161224	3182104
CH322-21J03	CHORI-322	3L	13527918	13548097
CH322-21J06	CHORI-322	3R	10570158	10590172
CH322-21J11	CHORI-322	3R	9859282	9880765
CH322-21J13	CHORI-322	3R	23603385	23625920
CH322-21J14	CHORI-322	X	14844717	14865384
CH322-21J23	CHORI-322	3R	22928018	22950497
CH322-21K02	CHORI-322	3R	1115590	1138272
CH322-21K05	CHORI-322	X	5745157	5768977
CH322-21K06	CHORI-322	3L	10887243	10908907
CH322-21K07	CHORI-322	3L	4443587	4468323
CH322-21K08	CHORI-322	2L	18570668	18591336
CH322-21K10	CHORI-322	2L	1825689	1848359
CH322-21K12	CHORI-322	3R	12573853	12595360
CH322-21K13	CHORI-322	3L	16287901	16311553
CH322-21K14	CHORI-322	2R	19370095	19391180
CH322-21K15	CHORI-322	3R	15140736	15160618
CH322-21K19	CHORI-322	2R	3931367	3950830
CH322-21K22	CHORI-322	2RHet	1728656	1749313
CH322-21K24	CHORI-322	2L	1606450	1628108
CH322-21L01	CHORI-322	3L	306827	327456
CH322-21L02	CHORI-322	3L	10485066	10505258
CH322-21L03	CHORI-322	2L	9971379	9990802
CH322-21L04	CHORI-322	2L	9761116	9786465
CH322-21L05	CHORI-322	2R	8711985	8733756
CH322-21L06	CHORI-322	2R	9105484	9125737
CH322-21L07	CHORI-322	3L	1438404	1461729
CH322-21L09	CHORI-322	2R	3199719	3220035
CH322-21L11	CHORI-322	X	7856907	7879381
CH322-21L12	CHORI-322	2R	17012612	17036429
CH322-21L14	CHORI-322	2L	6726535	6750855
CH322-21L17	CHORI-322	X	6195227	6215146
CH322-21L23	CHORI-322	2R	14798658	14819567
CH322-21L24	CHORI-322	3R	6432144	6451527
CH322-21M02	CHORI-322	2L	13346104	13367085
CH322-21M04	CHORI-322	2R	14874119	14899167
CH322-21M05	CHORI-322	X	5893738	5914069
CH322-21M06	CHORI-322	3L	2138276	2158478
CH322-21M07	CHORI-322	2L	16618353	16639147
CH322-21M09	CHORI-322	2R	6213198	6235870
CH322-21M10	CHORI-322	3L	14099445	14122164
CH322-21M14	CHORI-322	3R	20006156	20028124
CH322-21M15	CHORI-322	2R	20868424	20889188
CH322-21M18	CHORI-322	2R	13427133	13449985
CH322-21M19	CHORI-322	2R	13711155	13731349
CH322-21M20	CHORI-322	3R	12863880	12883901

CH322-21M22	CHORI-322	2R	13162875	13183146
CH322-21M23	CHORI-322	2L	7698860	7721849
CH322-21N01	CHORI-322	2R	10452544	10473874
CH322-21N02	CHORI-322	3L	21436131	21458708
CH322-21N03	CHORI-322	2L	2551830	2573741
CH322-21N05	CHORI-322	2R	12392813	12414399
CH322-21N07	CHORI-322	3L	8569041	8589473
CH322-21N08	CHORI-322	3L	1700640	1723572
CH322-21N10	CHORI-322	3L	8643384	8662412
CH322-21N13	CHORI-322	X	15774507	15796431
CH322-21N15	CHORI-322	3L	6455669	6477600
CH322-21N19	CHORI-322	X	13523577	13546955
CH322-21N20	CHORI-322	2R	12039863	12063310
CH322-21N22	CHORI-322	3L	10197285	10216770
CH322-21O01	CHORI-322	2RHet	865824	888572
CH322-21O03	CHORI-322	3L	21857865	21879083
CH322-21O04	CHORI-322	2L	19979674	20001994
CH322-21O06	CHORI-322	X	512795	532353
CH322-21O08	CHORI-322	2L	14235488	14258435
CH322-21O09	CHORI-322	X	14507158	14529582
CH322-21O10	CHORI-322	3L	434660	458551
CH322-21O12	CHORI-322	2L	5721751	5743885
CH322-21O15	CHORI-322	2R	3617693	3642666
CH322-21O16	CHORI-322	3R	25241989	25261715
CH322-21O17	CHORI-322	2L	551256	572739
CH322-21O18	CHORI-322	3R	8499116	8520301
CH322-21O19	CHORI-322	2R	15105804	15128138
CH322-21O21	CHORI-322	3L	518933	539154
CH322-21O22	CHORI-322	3R	181811	201868
CH322-21P01	CHORI-322	3R	26860056	26880306
CH322-21P02	CHORI-322	3L	1371694	1390940
CH322-21P03	CHORI-322	3R	21613968	21633853
CH322-21P06	CHORI-322	X	19730800	19753874
CH322-21P07	CHORI-322	3L	15583524	15607091
CH322-21P08	CHORI-322	3L	20676952	20697888
CH322-21P09	CHORI-322	3L	13055537	13077352
CH322-21P10	CHORI-322	X	14869169	14891175
CH322-21P11	CHORI-322	2R	15196165	15220091
CH322-21P14	CHORI-322	3L	7347431	7367495
CH322-21P15	CHORI-322	3R	14821696	14842885
CH322-21P18	CHORI-322	3L	13093797	13112550
CH322-21P19	CHORI-322	2L	451664	473459
CH322-21P21	CHORI-322	2R	13241514	13261149
CH322-22A02	CHORI-322	3L	17421807	17446674
CH322-22A03	CHORI-322	X	7474845	7495657
CH322-22A04	CHORI-322	3L	9541817	9561648
CH322-22A05	CHORI-322	2R	19196621	19217830
CH322-22A06	CHORI-322	3R	14478855	14498880
CH322-22A07	CHORI-322	3L	6691516	6713491
CH322-22A09	CHORI-322	2L	14027691	14047804
CH322-22A10	CHORI-322	3R	13878130	13898379
CH322-22A11	CHORI-322	2L	15522337	15542838
CH322-22A12	CHORI-322	X	9907105	9926682
CH322-22A15	CHORI-322	X	3965603	3987575

CH322-22A17	CHORI-322	X	314833	335135
CH322-22A18	CHORI-322	X	2285211	2306042
CH322-22A20	CHORI-322	3L	21734204	21757736
CH322-22A21	CHORI-322	2R	10705927	10726579
CH322-22B01	CHORI-322	3L	20464685	20485495
CH322-22B02	CHORI-322	2R	10107831	10127783
CH322-22B03	CHORI-322	2L	7118999	7142480
CH322-22B04	CHORI-322	2R	13725778	13747231
CH322-22B05	CHORI-322	X	4389170	4410029
CH322-22B10	CHORI-322	2R	8074827	8099112
CH322-22B12	CHORI-322	3R	17046927	17064809
CH322-22B13	CHORI-322	2R	463782	487528
CH322-22B14	CHORI-322	2L	10426288	10445614
CH322-22B18	CHORI-322	2L	8004640	8027710
CH322-22B19	CHORI-322	3L	17829130	17848430
CH322-22B20	CHORI-322	3R	8510416	8535021
CH322-22C01	CHORI-322	2R	16868360	16892032
CH322-22C02	CHORI-322	2L	15075607	15097706
CH322-22C03	CHORI-322	3L	3281110	3304924
CH322-22C05	CHORI-322	3L	941699	963396
CH322-22C06	CHORI-322	3L	3333624	3358105
CH322-22C08	CHORI-322	2R	20404853	20425165
CH322-22C09	CHORI-322	2R	5713823	5738888
CH322-22C10	CHORI-322	3R	10274924	10299385
CH322-22C11	CHORI-322	3R	18816920	18837872
CH322-22C12	CHORI-322	3L	4934651	4956354
CH322-22C14	CHORI-322	X	15732662	15756798
CH322-22C16	CHORI-322	2R	20561605	20585205
CH322-22C21	CHORI-322	3L	7464006	7484969
CH322-22C22	CHORI-322	2R	1205305	1227042
CH322-22C23	CHORI-322	3R	12919088	12939646
CH322-22D01	CHORI-322	2R	6025044	6041391
CH322-22D02	CHORI-322	2R	3338968	3360077
CH322-22D03	CHORI-322	2R	10329598	10354193
CH322-22D04	CHORI-322	X	15726343	15749276
CH322-22D05	CHORI-322	3R	39216	60240
CH322-22D07	CHORI-322	2L	4964504	4987851
CH322-22D08	CHORI-322	3R	3931291	3951438
CH322-22D11	CHORI-322	3L	2480299	2502621
CH322-22D13	CHORI-322	2R	8251761	8273224
CH322-22D14	CHORI-322	2L	20081096	20103838
CH322-22D15	CHORI-322	X	6456041	6478040
CH322-22D16	CHORI-322	X	19140996	19163946
CH322-22D17	CHORI-322	2R	14018532	14042739
CH322-22D20	CHORI-322	2L	5133321	5155646
CH322-22E01	CHORI-322	2R	13735817	13757626
CH322-22E02	CHORI-322	3L	16722604	16747169
CH322-22E06	CHORI-322	2R	20150918	20176546
CH322-22E08	CHORI-322	2L	14937471	14957604
CH322-22E09	CHORI-322	2R	20435982	20456629
CH322-22E10	CHORI-322	3R	22211636	22232380
CH322-22E11	CHORI-322	2R	11687911	11708509
CH322-22E14	CHORI-322	2L	3029462	3050261
CH322-22E15	CHORI-322	3L	8951237	8966822

CH322-22E18	CHORI-322	2R	18691946	18717274
CH322-22E19	CHORI-322	2R	9470265	9490967
CH322-22E20	CHORI-322	3LHet	2515080	2538099
CH322-22E21	CHORI-322	3R	15489310	15510492
CH322-22E22	CHORI-322	2L	8800403	8822727
CH322-22F01	CHORI-322	3R	7201796	7225331
CH322-22F03	CHORI-322	3R	6963978	6983852
CH322-22F04	CHORI-322	3R	22744	46424
CH322-22F05	CHORI-322	3L	3112892	3134018
CH322-22F06	CHORI-322	2L	8224122	8243814
CH322-22F07	CHORI-322	2R	5489016	5511548
CH322-22F08	CHORI-322	2R	5839307	5863465
CH322-22F11	CHORI-322	X	2636379	2655892
CH322-22F13	CHORI-322	2L	20573339	20595680
CH322-22F14	CHORI-322	X	6884686	6906015
CH322-22F16	CHORI-322	3L	6251488	6272176
CH322-22F18	CHORI-322	3R	3335823	3356527
CH322-22F20	CHORI-322	2R	15281432	15305349
CH322-22F22	CHORI-322	X	15988893	16013193
CH322-22F23	CHORI-322	2R	5320667	5344374
CH322-22G02	CHORI-322	X	12115915	12136954
CH322-22G03	CHORI-322	3L	20975169	20998112
CH322-22G04	CHORI-322	X	15252295	15272073
CH322-22G05	CHORI-322	2L	22165207	22188931
CH322-22G06	CHORI-322	2R	3472225	3493516
CH322-22G09	CHORI-322	2R	8319088	8341321
CH322-22G11	CHORI-322	3L	6586616	6610096
CH322-22G12	CHORI-322	X	7224000	7243974
CH322-22G13	CHORI-322	X	5470789	5491294
CH322-22G15	CHORI-322	2R	18871631	18894235
CH322-22G23	CHORI-322	2L	4759089	4779101
CH322-22H01	CHORI-322	2L	20615203	20637304
CH322-22H02	CHORI-322	2R	13404508	13425353
CH322-22H03	CHORI-322	2L	159791	180692
CH322-22H04	CHORI-322	3R	13342882	13365930
CH322-22H05	CHORI-322	3L	19675107	19697303
CH322-22H06	CHORI-322	X	6182112	6204593
CH322-22H09	CHORI-322	2L	2284010	2304869
CH322-22H11	CHORI-322	X	14097002	14119981
CH322-22H12	CHORI-322	3L	15727202	15748515
CH322-22H13	CHORI-322	X	2821220	2840902
CH322-22H18	CHORI-322	3R	12174204	12195717
CH322-22I02	CHORI-322	3R	21852882	21878327
CH322-22I06	CHORI-322	2R	4924885	4949225
CH322-22I08	CHORI-322	X	17292084	17314621
CH322-22I09	CHORI-322	2L	21135572	21155761
CH322-22I13	CHORI-322	2R	17692741	17715359
CH322-22I15	CHORI-322	3L	11118962	11138015
CH322-22I16	CHORI-322	3R	4623515	4643077
CH322-22I17	CHORI-322	2L	13957623	13978295
CH322-22I18	CHORI-322	3L	8640070	8663330
CH322-22J01	CHORI-322	3R	780795	799487
CH322-22J06	CHORI-322	3R	4865889	4890587
CH322-22J08	CHORI-322	2R	1671899	1692901

CH322-22J09	CHORI-322	2L	16088135	16112472
CH322-22J10	CHORI-322	3R	14934133	14957138
CH322-22J11	CHORI-322	X	7416143	7437878
CH322-22J16	CHORI-322	X	7856907	7879381
CH322-22J17	CHORI-322	2R	10749815	10770957
CH322-22J20	CHORI-322	2L	16970893	16995740
CH322-22J21	CHORI-322	3R	21046902	21068105
CH322-22K02	CHORI-322	2L	6303066	6324972
CH322-22K03	CHORI-322	2R	5859056	5880521
CH322-22K06	CHORI-322	X	1248500	1271466
CH322-22K08	CHORI-322	2R	20386618	20407459
CH322-22K09	CHORI-322	2R	14707159	14728827
CH322-22K10	CHORI-322	2R	8254025	8273224
CH322-22K11	CHORI-322	3L	8151905	8170026
CH322-22K15	CHORI-322	2R	4889708	4913068
CH322-22K18	CHORI-322	2R	17399238	17420726
CH322-22K23	CHORI-322	3R	25679989	25705605
CH322-22L01	CHORI-322	3R	14514356	14538604
CH322-22L03	CHORI-322	3R	12059959	12084141
CH322-22L04	CHORI-322	2R	9006382	9030675
CH322-22L05	CHORI-322	3L	20505629	20527493
CH322-22L10	CHORI-322	3L	13855657	13876342
CH322-22L11	CHORI-322	3R	26731512	26753529
CH322-22L12	CHORI-322	2L	10199704	10220359
CH322-22L14	CHORI-322	3L	16241225	16264460
CH322-22L15	CHORI-322	X	2569143	2591960
CH322-22L16	CHORI-322	2L	5718944	5740911
CH322-22L21	CHORI-322	3R	26541812	26564038
CH322-22L23	CHORI-322	2R	3857059	3875199
CH322-22M05	CHORI-322	2L	21658361	21679168
CH322-22M07	CHORI-322	3L	3813928	3837731
CH322-22M08	CHORI-322	3R	25099653	25122229
CH322-22M09	CHORI-322	3R	9932156	9953842
CH322-22M10	CHORI-322	3R	6235498	6256265
CH322-22M11	CHORI-322	3R	19948889	19971868
CH322-22M12	CHORI-322	3L	12776248	12797160
CH322-22M16	CHORI-322	2R	5055674	5076147
CH322-22M17	CHORI-322	2L	12398686	12421022
CH322-22M19	CHORI-322	3L	17895379	17916388
CH322-22M22	CHORI-322	2RHet	1867219	1889508
CH322-22N01	CHORI-322	3L	21820304	21840197
CH322-22N04	CHORI-322	3R	11713519	11737668
CH322-22N05	CHORI-322	X	5480277	5500340
CH322-22N07	CHORI-322	3L	19385834	19407272
CH322-22N08	CHORI-322	2L	20614431	20633954
CH322-22N09	CHORI-322	2L	7391382	7414569
CH322-22N10	CHORI-322	3L	13829456	13852684
CH322-22N12	CHORI-322	2R	8703742	8726779
CH322-22N15	CHORI-322	3R	6583755	6606910
CH322-22N16	CHORI-322	X	17539992	17563552
CH322-22N18	CHORI-322	2L	652971	675917
CH322-22N21	CHORI-322	X	8764843	8784849
CH322-22O01	CHORI-322	2L	11610380	11631233
CH322-22O02	CHORI-322	3R	6159789	6184130

CH322-22O03	CHORI-322	3L	10854311	10876241
CH322-22O08	CHORI-322	2L	5914815	5937719
CH322-22O09	CHORI-322	3R	19685321	19706981
CH322-22O11	CHORI-322	2R	13240080	13261149
CH322-22O15	CHORI-322	X	18596998	18617920
CH322-22O16	CHORI-322	2R	9070306	9088689
CH322-22O17	CHORI-322	2R	14282484	14303569
CH322-22O20	CHORI-322	2R	3775550	3798531
CH322-22P02	CHORI-322	2L	8098970	8123313
CH322-22P03	CHORI-322	2L	2212926	2233022
CH322-22P05	CHORI-322	3L	2132852	2153802
CH322-22P07	CHORI-322	3L	16838757	16861404
CH322-22P08	CHORI-322	2R	19114165	19134632
CH322-22P11	CHORI-322	2R	19700453	19725554
CH322-22P12	CHORI-322	2L	4165032	4188310
CH322-22P13	CHORI-322	3R	20911399	20932442
CH322-22P14	CHORI-322	3R	5908375	5931497
CH322-22P15	CHORI-322	3R	7178538	7199361
CH322-22P16	CHORI-322	3R	22426626	22447997
CH322-22P18	CHORI-322	3R	2973786	2994354
CH322-22P19	CHORI-322	3L	7636770	7659503
CH322-23A02	CHORI-322	3R	3854550	3876466
CH322-23A03	CHORI-322	2L	12607171	12629310
CH322-23A04	CHORI-322	3R	1160416	1181751
CH322-23A05	CHORI-322	X	2502578	2522742
CH322-23A07	CHORI-322	3R	22804136	22826177
CH322-23A09	CHORI-322	3R	10590188	10612794
CH322-23A10	CHORI-322	2L	18272352	18294046
CH322-23A14	CHORI-322	2R	19211706	19234870
CH322-23A16	CHORI-322	3L	4551686	4572384
CH322-23A17	CHORI-322	2R	6325637	6347289
CH322-23A19	CHORI-322	2R	19834106	19856958
CH322-23A20	CHORI-322	3R	11013259	11032597
CH322-23A21	CHORI-322	2R	14307220	14329161
CH322-23A22	CHORI-322	2L	19736080	19757637
CH322-23B01	CHORI-322	4	376674	396528
CH322-23B02	CHORI-322	3R	13979393	14002696
CH322-23B03	CHORI-322	2L	1397196	1419085
CH322-23B04	CHORI-322	3L	10999346	11021992
CH322-23B05	CHORI-322	2L	6176463	6197265
CH322-23B07	CHORI-322	3R	3100735	3121992
CH322-23B09	CHORI-322	X	12701997	12721868
CH322-23B13	CHORI-322	2R	8917828	8939879
CH322-23B14	CHORI-322	X	10550761	10571875
CH322-23B15	CHORI-322	3R	11290116	11313547
CH322-23B16	CHORI-322	3R	3565286	3588478
CH322-23C01	CHORI-322	3L	10705580	10724723
CH322-23C02	CHORI-322	3L	14625191	14644723
CH322-23C03	CHORI-322	X	3163494	3185412
CH322-23C04	CHORI-322	2R	21064938	21080190
CH322-23C05	CHORI-322	3L	22056922	22076002
CH322-23C06	CHORI-322	3R	6671673	6691718
CH322-23C07	CHORI-322	X	3276074	3296675
CH322-23C08	CHORI-322	2L	11065996	11088472

CH322-23C09	CHORI-322	X	3246316	3267026
CH322-23C10	CHORI-322	2L	5394825	5414003
CH322-23C11	CHORI-322	2L	19081537	19106557
CH322-23C12	CHORI-322	2L	19936406	19957982
CH322-23C14	CHORI-322	3L	10687106	10709385
CH322-23C15	CHORI-322	3L	4125003	4150323
CH322-23C17	CHORI-322	2L	9589747	9611688
CH322-23C19	CHORI-322	2L	10962606	10985368
CH322-23D02	CHORI-322	X	17616249	17634938
CH322-23D03	CHORI-322	X	9594196	9615263
CH322-23D06	CHORI-322	2R	6357842	6379740
CH322-23D07	CHORI-322	3L	6625986	6646757
CH322-23D12	CHORI-322	3R	12051239	12074853
CH322-23D14	CHORI-322	2L	20814347	20837058
CH322-23D15	CHORI-322	3L	5669965	5693802
CH322-23D16	CHORI-322	X	18901763	18924258
CH322-23D19	CHORI-322	2L	22600484	22621442
CH322-23D20	CHORI-322	X	8360282	8380762
CH322-23D21	CHORI-322	3R	13058806	13081733
CH322-23E02	CHORI-322	3R	1539503	1558096
CH322-23E03	CHORI-322	3R	21444917	21466040
CH322-23E04	CHORI-322	3L	19281742	19304006
CH322-23E06	CHORI-322	2R	3415850	3438369
CH322-23E09	CHORI-322	2R	4772264	4792603
CH322-23E14	CHORI-322	3L	14330437	14352716
CH322-23E18	CHORI-322	2R	2727132	2746125
CH322-23E21	CHORI-322	2R	9462574	9483238
CH322-23E22	CHORI-322	X	14727530	14747644
CH322-23F01	CHORI-322	ArmU	133644	157241
CH322-23F02	CHORI-322	2L	7722008	7744021
CH322-23F04	CHORI-322	2L	11936487	11957179
CH322-23F05	CHORI-322	3L	11114248	11137173
CH322-23F11	CHORI-322	X	7554775	7576968
CH322-23F15	CHORI-322	3R	702719	723193
CH322-23F16	CHORI-322	2R	6380518	6402024
CH322-23F22	CHORI-322	2R	13560474	13579846
CH322-23G01	CHORI-322	2R	15985429	16005710
CH322-23G02	CHORI-322	X	12386961	12408233
CH322-23G04	CHORI-322	3R	9738002	9757038
CH322-23G12	CHORI-322	2R	16686110	16707198
CH322-23G13	CHORI-322	3R	12810161	12833084
CH322-23G16	CHORI-322	3L	2880666	2904463
CH322-23G18	CHORI-322	3L	16619954	16645418
CH322-23G19	CHORI-322	3R	19950783	19974689
CH322-23H02	CHORI-322	3R	11455224	11478254
CH322-23H06	CHORI-322	3R	15840937	15860909
CH322-23H09	CHORI-322	3L	16736511	16756499
CH322-23H10	CHORI-322	2R	1543193	1563391
CH322-23H11	CHORI-322	3R	6669786	6692359
CH322-23H12	CHORI-322	2L	20311001	20331628
CH322-23H15	CHORI-322	3L	3088797	3110544
CH322-23I03	CHORI-322	2L	4249901	4270609
CH322-23I14	CHORI-322	3R	5169876	5192278
CH322-23I15	CHORI-322	3R	16864029	16887513

CH322-23I18	CHORI-322	2L	82986	105127
CH322-23J02	CHORI-322	3L	13251961	13273367
CH322-23J11	CHORI-322	3R	11316619	11337666
CH322-23J12	CHORI-322	2L	19602852	19627663
CH322-23J18	CHORI-322	2R	9645346	9664610
CH322-23J19	CHORI-322	2L	5902633	5922812
CH322-23K01	CHORI-322	2L	14360441	14381126
CH322-23K03	CHORI-322	3L	17619394	17641658
CH322-23K10	CHORI-322	X	19682704	19704819
CH322-23K16	CHORI-322	X	4697648	4721003
CH322-23K17	CHORI-322	X	10734726	10756683
CH322-23L01	CHORI-322	2L	4740242	4763283
CH322-23L03	CHORI-322	3R	8020298	8045881
CH322-23L04	CHORI-322	X	1928252	1947898
CH322-23L05	CHORI-322	2L	11342817	11364472
CH322-23L07	CHORI-322	X	4149895	4175283
CH322-23L09	CHORI-322	3L	18466926	18488921
CH322-23L10	CHORI-322	3R	2111665	2135365
CH322-23L16	CHORI-322	2R	5778084	5800361
CH322-23L23	CHORI-322	2L	5272851	5295137
CH322-23M01	CHORI-322	X	13286763	13308610
CH322-23M03	CHORI-322	3L	11925382	11949316
CH322-23M04	CHORI-322	3L	1126882	1145466
CH322-23M06	CHORI-322	3R	1504125	1528336
CH322-23M07	CHORI-322	3L	20279569	20299707
CH322-23M08	CHORI-322	2R	9792170	9813346
CH322-23M11	CHORI-322	3R	516990	537690
CH322-23M12	CHORI-322	2L	21166523	21188227
CH322-23M17	CHORI-322	3L	22345298	22366810
CH322-23M18	CHORI-322	2L	11208013	11229482
CH322-23M19	CHORI-322	3L	10090436	10114959
CH322-23N05	CHORI-322	X	12969436	12989838
CH322-23N07	CHORI-322	3R	16889325	16909655
CH322-23N08	CHORI-322	3L	9620030	9642025
CH322-23N18	CHORI-322	2L	2769854	2790664
CH322-23N19	CHORI-322	3L	10972382	10996551
CH322-23N21	CHORI-322	3R	24495564	24518701
CH322-23O03	CHORI-322	X	21203804	21228010
CH322-23O06	CHORI-322	3L	12479489	12499557
CH322-23O07	CHORI-322	3L	9043084	9066831
CH322-23O09	CHORI-322	3L	1949500	1971856
CH322-23O12	CHORI-322	3R	18369443	18390862
CH322-23O14	CHORI-322	2L	7281475	7301812
CH322-23O15	CHORI-322	3L	2258005	2276688
CH322-23O16	CHORI-322	3L	8709360	8731728
CH322-23P02	CHORI-322	3R	5393818	5415804
CH322-23P04	CHORI-322	X	15054711	15073805
CH322-23P05	CHORI-322	3R	1960565	1980867
CH322-23P06	CHORI-322	3L	16337110	16359345
CH322-23P08	CHORI-322	X	902308	925764
CH322-23P09	CHORI-322	3R	20126380	20150902
CH322-23P13	CHORI-322	2R	17011943	17032759
CH322-23P24	CHORI-322	X	3398094	3417684
CH322-24A04	CHORI-322	3L	6679993	6701375

CH322-24A07	CHORI-322	3R	4752252	4773216
CH322-24A08	CHORI-322	2R	9257119	9279691
CH322-24A11	CHORI-322	2L	76601	99268
CH322-24A14	CHORI-322	X	17205140	17228349
CH322-24A15	CHORI-322	3R	11804269	11819276
CH322-24A20	CHORI-322	X	18803766	18825167
CH322-24A21	CHORI-322	2L	18979263	18999732
CH322-24A22	CHORI-322	3R	22775852	22796972
CH322-24B04	CHORI-322	3L	20519394	20541837
CH322-24B06	CHORI-322	3R	5886310	5905927
CH322-24B07	CHORI-322	2R	5556024	5578975
CH322-24B08	CHORI-322	3L	20832660	20853924
CH322-24B13	CHORI-322	3R	2885408	2907693
CH322-24B14	CHORI-322	X	2586376	2607702
CH322-24B15	CHORI-322	X	15632007	15652771
CH322-24C01	CHORI-322	X	16647811	16669190
CH322-24C02	CHORI-322	2L	18975695	18997461
CH322-24C04	CHORI-322	3R	26167951	26189297
CH322-24C09	CHORI-322	3L	16392919	16416835
CH322-24C11	CHORI-322	X	7512961	7535345
CH322-24C12	CHORI-322	3R	22865007	22883698
CH322-24C13	CHORI-322	X	14119978	14142312
CH322-24C14	CHORI-322	X	17588244	17607761
CH322-24C15	CHORI-322	3R	23976106	23999114
CH322-24C17	CHORI-322	3R	24344616	24366156
CH322-24C19	CHORI-322	2R	12969475	12990289
CH322-24C20	CHORI-322	2L	11003721	11024871
CH322-24C21	CHORI-322	X	15705597	15726538
CH322-24C22	CHORI-322	3R	20902787	20922478
CH322-24D01	CHORI-322	2R	16425942	16445281
CH322-24D03	CHORI-322	2L	8865526	8887047
CH322-24D05	CHORI-322	3R	12001583	12024419
CH322-24D06	CHORI-322	X	6483890	6507499
CH322-24D07	CHORI-322	3L	15365110	15385356
CH322-24D08	CHORI-322	X	15747556	15770834
CH322-24D09	CHORI-322	2R	9870768	9890516
CH322-24D10	CHORI-322	2L	17500417	17521756
CH322-24D11	CHORI-322	3RHet	1686376	1705610
CH322-24D12	CHORI-322	2L	11448949	11468716
CH322-24D16	CHORI-322	X	7966992	7989932
CH322-24D17	CHORI-322	X	16186525	16211454
CH322-24D18	CHORI-322	2R	5173355	5193662
CH322-24D20	CHORI-322	X	19016802	19038918
CH322-24D22	CHORI-322	X	11686690	11706880
CH322-24E01	CHORI-322	2L	8996075	9014801
CH322-24E02	CHORI-322	3L	3152353	3174318
CH322-24E03	CHORI-322	3L	4790618	4813982
CH322-24E04	CHORI-322	3R	2837285	2857829
CH322-24E06	CHORI-322	3R	17448378	17471096
CH322-24E09	CHORI-322	X	12676300	12696274
CH322-24E10	CHORI-322	2L	11031133	11054277
CH322-24E11	CHORI-322	3L	19828885	19852943
CH322-24E15	CHORI-322	3L	3017114	3038004
CH322-24E16	CHORI-322	2L	15789682	15812158

CH322-24E17	CHORI-322	3L	24289095	24310844
CH322-24E20	CHORI-322	3R	21791046	21813475
CH322-24E21	CHORI-322	3R	24508194	24532091
CH322-24E22	CHORI-322	2L	17435238	17452672
CH322-24F01	CHORI-322	3L	11503301	11525999
CH322-24F04	CHORI-322	2R	12729646	12754179
CH322-24F06	CHORI-322	2R	17179058	17203388
CH322-24F09	CHORI-322	2R	15993705	16014323
CH322-24F12	CHORI-322	3L	840201	868563
CH322-24F13	CHORI-322	3L	1936430	1957962
CH322-24F16	CHORI-322	2R	9839959	9863994
CH322-24F20	CHORI-322	X	16089778	16110069
CH322-24F22	CHORI-322	3LHet	613409	630795
CH322-24G03	CHORI-322	3R	5887689	5908431
CH322-24G05	CHORI-322	2R	10576364	10597233
CH322-24G09	CHORI-322	3L	11187565	11211849
CH322-24G11	CHORI-322	3L	9117040	9138340
CH322-24G13	CHORI-322	3L	16197141	16219875
CH322-24G16	CHORI-322	3R	10579595	10600664
CH322-24G18	CHORI-322	3R	6282398	6303038
CH322-24G19	CHORI-322	2L	904218	924134
CH322-24G20	CHORI-322	3R	9065026	9087285
CH322-24G21	CHORI-322	2R	10064891	10088768
CH322-24G23	CHORI-322	2R	3070998	3090959
CH322-24H03	CHORI-322	X	2668575	2690084
CH322-24H11	CHORI-322	3L	10985222	11006693
CH322-24H12	CHORI-322	3R	13742935	13763391
CH322-24H13	CHORI-322	3R	17429252	17450917
CH322-24H16	CHORI-322	X	5487522	5510212
CH322-24H17	CHORI-322	X	16996765	17020927
CH322-24I02	CHORI-322	3R	14105992	14126385
CH322-24I03	CHORI-322	3R	22451127	22475419
CH322-24I07	CHORI-322	3R	12161773	12184580
CH322-24I08	CHORI-322	2R	6392136	6412791
CH322-24I09	CHORI-322	3R	23085296	23110672
CH322-24I12	CHORI-322	3L	4514840	4534685
CH322-24I13	CHORI-322	2R	17219359	17242377
CH322-24I14	CHORI-322	2R	4773310	4795829
CH322-24I15	CHORI-322	2L	1935838	1958137
CH322-24I16	CHORI-322	2R	3233456	3257663
CH322-24J02	CHORI-322	3R	7543590	7568006
CH322-24J03	CHORI-322	X	823462	845631
CH322-24J05	CHORI-322	3R	20456718	20479471
CH322-24J07	CHORI-322	X	13117777	13142378
CH322-24J09	CHORI-322	2L	18695109	18714938
CH322-24J10	CHORI-322	2L	11414875	11439559
CH322-24J11	CHORI-322	2R	7454752	7477752
CH322-24J12	CHORI-322	3R	3953538	3976847
CH322-24J15	CHORI-322	3R	8715473	8736676
CH322-24J21	CHORI-322	2R	11981472	12002540
CH322-24K03	CHORI-322	3L	11892518	11914813
CH322-24K04	CHORI-322	3R	18640826	18660669
CH322-24K07	CHORI-322	2L	9953304	9972749
CH322-24K09	CHORI-322	3R	10388783	10410049

CH322-24K10	CHORI-322	3L	21108204	21128776
CH322-24K13	CHORI-322	3L	23281737	23303784
CH322-24K16	CHORI-322	X	13819149	13842563
CH322-24K20	CHORI-322	2L	18786927	18804208
CH322-24L01	CHORI-322	3LHet	1985639	2005748
CH322-24L02	CHORI-322	3R	22444562	22464288
CH322-24L03	CHORI-322	2L	19946797	19968280
CH322-24L07	CHORI-322	3R	23052862	23074276
CH322-24L08	CHORI-322	3R	23160082	23180680
CH322-24L09	CHORI-322	3L	3772257	3792065
CH322-24L12	CHORI-322	3R	2848390	2867742
CH322-24L13	CHORI-322	2L	22104191	22127853
CH322-24L14	CHORI-322	3L	7689048	7712977
CH322-24L21	CHORI-322	3L	22998232	23018559
CH322-24L23	CHORI-322	2R	13289514	13313582
CH322-24M02	CHORI-322	X	17154788	17177311
CH322-24M04	CHORI-322	2R	447270	472376
CH322-24M05	CHORI-322	3R	27579967	27602174
CH322-24M06	CHORI-322	2R	3422150	3445564
CH322-24M07	CHORI-322	2L	136097	157501
CH322-24M08	CHORI-322	X	1757181	1780440
CH322-24M09	CHORI-322	2L	18668458	18693341
CH322-24M12	CHORI-322	2R	13625707	13647691
CH322-24M14	CHORI-322	2R	18597983	18621483
CH322-24M15	CHORI-322	3R	8087314	8107885
CH322-24M16	CHORI-322	2L	7708524	7728225
CH322-24M19	CHORI-322	2L	7429665	7452893
CH322-24N04	CHORI-322	2L	20807344	20829095
CH322-24N08	CHORI-322	2R	6613485	6637833
CH322-24N09	CHORI-322	3R	14021605	14043228
CH322-24N10	CHORI-322	3R	10409431	10430121
CH322-24N12	CHORI-322	2L	3566415	3587854
CH322-24N15	CHORI-322	3R	11802927	11824358
CH322-24N20	CHORI-322	3L	5775860	5799720
CH322-24O01	CHORI-322	3L	14407797	14431064
CH322-24O02	CHORI-322	3L	23313413	23333095
CH322-24O04	CHORI-322	2R	20340421	20360606
CH322-24O09	CHORI-322	X	15155351	15175726
CH322-24O14	CHORI-322	3RHet	9627	29671
CH322-24P03	CHORI-322	4	852897	876060
CH322-24P05	CHORI-322	2R	20647422	20667825
CH322-24P06	CHORI-322	2L	12042063	12063582
CH322-24P08	CHORI-322	2R	7768515	7792255
CH322-24P09	CHORI-322	3L	24356304	24379471
CH322-24P10	CHORI-322	3R	2655419	2674654
CH322-24P11	CHORI-322	X	18032221	18053958
CH322-24P12	CHORI-322	2R	10208832	10228229
CH322-24P13	CHORI-322	3L	11103483	11124112
CH322-24P15	CHORI-322	3R	1048218	1068305
CH322-24P16	CHORI-322	3L	1324869	1349033
CH322-24P24	CHORI-322	3R	20320071	20340133
CH322-25A02	CHORI-322	3R	14474904	14495464
CH322-25A03	CHORI-322	2L	18574649	18595135
CH322-25A06	CHORI-322	2L	3228380	3250858

CH322-25A07	CHORI-322	3R	5242005	5263367
CH322-25A08	CHORI-322	2L	15869045	15888104
CH322-25A11	CHORI-322	2R	9074683	9098746
CH322-25A12	CHORI-322	3L	20681215	20704363
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CH322-25A14	CHORI-322	2R	1788167	1809548
CH322-25A15	CHORI-322	2L	14090964	14108224
CH322-25A18	CHORI-322	2R	8328922	8352772
CH322-25A21	CHORI-322	3L	18354267	18373352
CH322-25B01	CHORI-322	2R	5164756	5185462
CH322-25B03	CHORI-322	3L	15456086	15477770
CH322-25B04	CHORI-322	2L	19080494	19104393
CH322-25B05	CHORI-322	3R	5975318	5998151
CH322-25B07	CHORI-322	3L	6270407	6292046
CH322-25B09	CHORI-322	2L	7900829	7922106
CH322-25B10	CHORI-322	3L	3961744	3984992
CH322-25B12	CHORI-322	X	13677057	13699222
CH322-25B15	CHORI-322	X	6161704	6182115
CH322-25B16	CHORI-322	2L	6592235	6612550
CH322-25C01	CHORI-322	2R	9459144	9475999
CH322-25C02	CHORI-322	X	21241731	21263992
CH322-25C04	CHORI-322	3L	1955845	1977602
CH322-25C05	CHORI-322	2L	21681796	21703936
CH322-25C10	CHORI-322	X	10198120	10217982
CH322-25C11	CHORI-322	2L	22427841	22451314
CH322-25C12	CHORI-322	2R	11684562	11704528
CH322-25C13	CHORI-322	2L	4763607	4786468
CH322-25C14	CHORI-322	3R	6202302	6220362
CH322-25C15	CHORI-322	3R	7120358	7138861
CH322-25C18	CHORI-322	3L	4791017	4809851
CH322-25C20	CHORI-322	3R	13546597	13567708
CH322-25C21	CHORI-322	3R	2544384	2563150
CH322-25D02	CHORI-322	2L	9433932	9454370
CH322-25D03	CHORI-322	2L	13700233	13722859
CH322-25D05	CHORI-322	2L	8907736	8925676
CH322-25D06	CHORI-322	X	13407635	13427497
CH322-25D09	CHORI-322	2R	13611701	13631404
CH322-25D10	CHORI-322	2R	13867403	13889679
CH322-25D11	CHORI-322	3R	12720938	12741419
CH322-25D12	CHORI-322	2L	6385464	6405958
CH322-25D13	CHORI-322	3R	7243843	7264250
CH322-25D14	CHORI-322	X	16048785	16070078
CH322-25D15	CHORI-322	3L	3860067	3882722
CH322-25D20	CHORI-322	2R	9346584	9369336
CH322-25D23	CHORI-322	2R	27690	45641
CH322-25E03	CHORI-322	2L	21887950	21909087
CH322-25E05	CHORI-322	3R	6744676	6765888
CH322-25E06	CHORI-322	3R	5045030	5067022
CH322-25E07	CHORI-322	3R	16417625	16437804
CH322-25E10	CHORI-322	2R	11595399	11617049
CH322-25E11	CHORI-322	2L	15265390	15285888
CH322-25E12	CHORI-322	3R	17753045	17772575
CH322-25E13	CHORI-322	X	11442165	11461643
CH322-25E14	CHORI-322	3R	4460575	4480148

CH322-25E15	CHORI-322	2L	966592	987960
CH322-25E16	CHORI-322	2R	6652660	6674593
CH322-25E17	CHORI-322	2L	7900829	7922150
CH322-25E18	CHORI-322	3R	1725540	1744717
CH322-25E21	CHORI-322	2L	7186670	7207135
CH322-25E23	CHORI-322	3L	18085532	18107975
CH322-25F01	CHORI-322	2R	19142957	19162527
CH322-25F03	CHORI-322	3R	12908647	12926749
CH322-25F04	CHORI-322	2L	16272632	16293576
CH322-25F06	CHORI-322	2R	16761296	16781928
CH322-25F07	CHORI-322	3R	11758766	11779488
CH322-25F08	CHORI-322	3R	8458376	8480994
CH322-25F10	CHORI-322	3R	19027870	19049981
CH322-25F11	CHORI-322	X	5091645	5114569
CH322-25F12	CHORI-322	2R	12497460	12518123
CH322-25F13	CHORI-322	3L	6617841	6637143
CH322-25F15	CHORI-322	X	16720120	16742566
CH322-25F16	CHORI-322	3L	3961744	3984992
CH322-25F18	CHORI-322	X	13677057	13699222
CH322-25F20	CHORI-322	2L	19160730	19182089
CH322-25F22	CHORI-322	2R	1995809	2018331
CH322-25F23	CHORI-322	3L	23259750	23279350
CH322-25G01	CHORI-322	3R	11758766	11779456
CH322-25G02	CHORI-322	2L	3433919	3454229
CH322-25G03	CHORI-322	X	10939494	10959369
CH322-25G08	CHORI-322	3L	14568788	14588932
CH322-25G12	CHORI-322	3R	11473642	11495497
CH322-25G13	CHORI-322	3R	10248451	10270545
CH322-25G14	CHORI-322	2L	16606550	16628635
CH322-25G15	CHORI-322	3L	1177488	1198079
CH322-25G16	CHORI-322	3L	10773933	10792951
CH322-25G18	CHORI-322	3R	9323009	9342781
CH322-25G20	CHORI-322	2R	12957663	12977699
CH322-25G21	CHORI-322	2L	8973252	8992186
CH322-25H01	CHORI-322	3L	20776202	20799016
CH322-25H02	CHORI-322	2R	11195608	11217874
CH322-25H04	CHORI-322	3L	3915216	3933994
CH322-25H05	CHORI-322	3L	152055	174601
CH322-25H06	CHORI-322	3L	4725429	4746029
CH322-25H07	CHORI-322	3R	6584203	6605572
CH322-25H09	CHORI-322	3R	27310 48298	
CH322-25H10	CHORI-322	2L	8554437	8572965
CH322-25H12	CHORI-322	X	21221454	21241134
CH322-25H13	CHORI-322	X	9290510	9312079
CH322-25H16	CHORI-322	2R	1645936	1668163
CH322-25H17	CHORI-322	3R	20209358	20230867
CH322-25H18	CHORI-322	3R	22138225	22157199
CH322-25H19	CHORI-322	3L	5221795	5244298
CH322-25I02	CHORI-322	3L	9062845	9084325
CH322-25I03	CHORI-322	X	5091645	5114569
CH322-25I04	CHORI-322	3L	4730514	4753197
CH322-25I05	CHORI-322	3L	2242205	2264704
CH322-25I06	CHORI-322	3R	10243791	10265001
CH322-25I07	CHORI-322	X	16720120	16742566

CH322-25I08	CHORI-322	2L	9418478	9435974
CH322-25I10	CHORI-322	2L	17531056	17552647
CH322-25I12	CHORI-322	3R	6292715	6311760
CH322-25I14	CHORI-322	3R	8899989	8922847
CH322-25I20	CHORI-322	3R	22353737	22372686
CH322-25J02	CHORI-322	X	20990368	21012229
CH322-25J03	CHORI-322	3R	16562825	16582896
CH322-25J05	CHORI-322	3L	21550372	21572915
CH322-25J06	CHORI-322	2L	16189330	16209613
CH322-25J07	CHORI-322	2L	11203346	11225115
CH322-25J10	CHORI-322	2L	12473516	12493097
CH322-25J12	CHORI-322	2R	6810342	6832527
CH322-25J20	CHORI-322	2RHet	1949363	1968314
CH322-25K02	CHORI-322	2R	19931843	19951932
CH322-25K03	CHORI-322	3R	1259177	1282646
CH322-25K05	CHORI-322	X	17499857	17520286
CH322-25K06	CHORI-322	2R	5649365	5666545
CH322-25K07	CHORI-322	2R	14182116	14205089
CH322-25K08	CHORI-322	2R	14925224	14945428
CH322-25K11	CHORI-322	3L	13100431	13121313
CH322-25K16	CHORI-322	2R	6810342	6832527
CH322-25K20	CHORI-322	2L	9433932	9454370
CH322-25K21	CHORI-322	3L	11123407	11141031
CH322-25K23	CHORI-322	X	12933690	12952943
CH322-25L02	CHORI-322	X	8651544	8670980
CH322-25L03	CHORI-322	X	1792503	1813638
CH322-25L04	CHORI-322	3R	15754387	15769590
CH322-25L05	CHORI-322	3R	12934373	12952958
CH322-25L09	CHORI-322	3L	8909728	8928456
CH322-25L11	CHORI-322	2L	12032888	12054628
CH322-25L12	CHORI-322	2R	19462604	19486286
CH322-25L13	CHORI-322	2R	5628626	5649753
CH322-25L21	CHORI-322	3L	18548432	18567995
CH322-25M02	CHORI-322	2L	6108929	6126319
CH322-25M03	CHORI-322	3L	10656993	10678115
CH322-25M04	CHORI-322	3R	4295604	4315061
CH322-25M05	CHORI-322	2L	3898132	3917671
CH322-25M07	CHORI-322	2R	10504189	10523835
CH322-25M08	CHORI-322	3R	25662001	25681667
CH322-25M11	CHORI-322	2R	16150820	16173658
CH322-25M14	CHORI-322	2L	17459978	17481586
CH322-25N09	CHORI-322	3L	10293006	10311172
CH322-25N12	CHORI-322	3R	19930025	19952304
CH322-25N14	CHORI-322	3R	10226576	10246715
CH322-25N15	CHORI-322	3L	222356	244477
CH322-25N16	CHORI-322	2R	18785507	18808018
CH322-25N20	CHORI-322	3L	3267645	3287451
CH322-25O01	CHORI-322	3L	15626898	15650087
CH322-25O04	CHORI-322	3R	7288419	7311559
CH322-25O06	CHORI-322	X	13239551	13257845
CH322-25O07	CHORI-322	3L	2701190	2722368
CH322-25O08	CHORI-322	3L	19361613	19381832
CH322-25O15	CHORI-322	3R	4631615	4650999
CH322-25O16	CHORI-322	X	880618	904106

CH322-25P01	CHORI-322	X	12897690	12916618
CH322-25P03	CHORI-322	3R	19841182	19862981
CH322-25P06	CHORI-322	3R	24909421	24930294
CH322-25P07	CHORI-322	2R	16761296	16781928
CH322-25P08	CHORI-322	3L	10964106	10986088
CH322-25P10	CHORI-322	3L	7533918	7555455
CH322-25P15	CHORI-322	2R	17160406	17180291
CH322-25P16	CHORI-322	X	2567370	2590857
CH322-25P18	CHORI-322	3R	8019807	8037299
CH322-26A02	CHORI-322	3R	7050243	7070183
CH322-26A03	CHORI-322	2L	21948365	21971906
CH322-26A05	CHORI-322	3L	5724603	5743770
CH322-26A07	CHORI-322	3L	3883418	3905853
CH322-26A08	CHORI-322	3L	2535423	2557470
CH322-26A11	CHORI-322	3R	11759354	11780344
CH322-26A12	CHORI-322	2R	12787892	12808979
CH322-26A16	CHORI-322	3L	15480890	15501675
CH322-26A18	CHORI-322	3L	280228	299904
CH322-26A20	CHORI-322	2R	17161629	17182589
CH322-26A22	CHORI-322	2L	9257360	9279138
CH322-26A23	CHORI-322	3L	8792934	8813467
CH322-26B01	CHORI-322	2L	234934	253997
CH322-26B06	CHORI-322	2L	13146493	13167755
CH322-26B12	CHORI-322	X	19598543	19621498
CH322-26B15	CHORI-322	3R	3658068	3680884
CH322-26B16	CHORI-322	3R	9918570	9938602
CH322-26B19	CHORI-322	3R	12829224	12852999
CH322-26B21	CHORI-322	3L	22956863	22976491
CH322-26C03	CHORI-322	2L	10661424	10683674
CH322-26C04	CHORI-322	X	1895570	1917216
CH322-26C10	CHORI-322	2R	10598082	10614850
CH322-26C12	CHORI-322	2R	7321990	7342077
CH322-26C24	CHORI-322	3L	19361873	19381843
CH322-26D05	CHORI-322	2R	15726790	15748062
CH322-26D07	CHORI-322	X	4644028	4663315
CH322-26D10	CHORI-322	2R	5383080	5404198
CH322-26D13	CHORI-322	2L	14663958	14683886
CH322-26D21	CHORI-322	X	21251683	21269635
CH322-26E03	CHORI-322	3L	8691251	8710586
CH322-26E04	CHORI-322	2L	10668707	10687447
CH322-26E05	CHORI-322	X	12150029	12168786
CH322-26E14	CHORI-322	X	12355802	12374243
CH322-26E16	CHORI-322	3R	19615468	19637826
CH322-26E17	CHORI-322	X	7244091	7267762
CH322-26F11	CHORI-322	3L	23945568	23965819
CH322-26F13	CHORI-322	3R	3266960	3289260
CH322-26F14	CHORI-322	3R	6595782	6619022
CH322-26F15	CHORI-322	2R	4859036	4879152
CH322-26F22	CHORI-322	3R	1685941	1705025
CH322-26G01	CHORI-322	3R	10673511	10695548
CH322-26G03	CHORI-322	3L	34461	55509
CH322-26G04	CHORI-322	2L	10819403	10838489
CH322-26H04	CHORI-322	2R	3219869	3244198
CH322-26I01	CHORI-322	3L	20241963	20260996

CH322-26I05	CHORI-322	3L	4942308	4964927
CH322-26I06	CHORI-322	X	22361600	22384705
CH322-26I10	CHORI-322	X	17333863	17353399
CH322-26I11	CHORI-322	3L	1583950	1605368
CH322-26J02	CHORI-322	X	9358676	9381016
CH322-26K03	CHORI-322	3R	9217521	9236296
CH322-26K04	CHORI-322	2L	14219091	14239600
CH322-26K10	CHORI-322	2R	6370170	6388968
CH322-26K11	CHORI-322	3R	5850893	5872031
CH322-26L03	CHORI-322	3R	11212092	11233967
CH322-26M01	CHORI-322	2L	21644003	21665888
CH322-26M08	CHORI-322	3R	21678742	21699861
CH322-26M19	CHORI-322	3R	9767543	9788474
CH322-26M24	CHORI-322	3L	2535423	2557471
CH322-26N01	CHORI-322	ArmU	1259332	1278948
CH322-26N02	CHORI-322	2L	995364	1015388
CH322-26N22	CHORI-322	2R	6763933	6786270
CH322-26O24	CHORI-322	3L	15480890	15501752
CH322-26P02	CHORI-322	3L	7174550	7195082
CH322-26P05	CHORI-322	2R	18737840	18759212
CH322-27A03	CHORI-322	3L	8099865	8119710
CH322-27A05	CHORI-322	X	14791099	14811223
CH322-27A06	CHORI-322	X	7823261	7841789
CH322-27A07	CHORI-322	3L	13609864	13629845
CH322-27A08	CHORI-322	2L	19363374	19383727
CH322-27A10	CHORI-322	X	2236059	2255216
CH322-27A12	CHORI-322	2L	7140151	7158579
CH322-27A13	CHORI-322	3R	22866663	22886090
CH322-27A14	CHORI-322	3R	25919224	25938578
CH322-27A17	CHORI-322	3R	1340423	1361995
CH322-27A21	CHORI-322	2R	1960366	1982966
CH322-27A22	CHORI-322	X	18501935	18523031
CH322-27B01	CHORI-322	3L	686462	708230
CH322-27B03	CHORI-322	3L	19032847	19053707
CH322-27B04	CHORI-322	X	10365199	10385136
CH322-27B06	CHORI-322	2L	12241890	12264380
CH322-27B08	CHORI-322	2R	10114861	10135094
CH322-27B10	CHORI-322	2R	14109150	14128387
CH322-27B13	CHORI-322	X	4222454	4243470
CH322-27B14	CHORI-322	3R	3042224	3062773
CH322-27B16	CHORI-322	2L	19290058	19312481
CH322-27B18	CHORI-322	2L	16230890	16248705
CH322-27B19	CHORI-322	3R	7417460	7437832
CH322-27B20	CHORI-322	3R	20232020	20254035
CH322-27B21	CHORI-322	3L	8673065	8693685
CH322-27B22	CHORI-322	2L	10884127	10906403
CH322-27B23	CHORI-322	X	18717882	18738783
CH322-27B24	CHORI-322	3L	17283474	17302541
CH322-27C08	CHORI-322	3L	10395463	10417760
CH322-27C11	CHORI-322	3L	3686278	3703989
CH322-27C15	CHORI-322	3R	5912298	5934007
CH322-27C22	CHORI-322	2L	501194	522960
CH322-27C24	CHORI-322	3R	20881580	20901948
CH322-27D02	CHORI-322	3R	6965190	6987374

CH322-27D03	CHORI-322	2R	20957438	20979933
CH322-27D06	CHORI-322	3R	27015453	27038943
CH322-27D08	CHORI-322	3R	4748335	4769681
CH322-27D09	CHORI-322	2L	11029695	11048787
CH322-27D11	CHORI-322	3R	26143018	26163147
CH322-27D14	CHORI-322	2R	17292728	17314909
CH322-27D15	CHORI-322	2R	5685646	5709209
CH322-27D16	CHORI-322	2R	9415519	9435489
CH322-27D18	CHORI-322	2L	19032624	19052105
CH322-27D21	CHORI-322	3R	17020964	17040893
CH322-27E04	CHORI-322	3R	8454038	8477516
CH322-27E05	CHORI-322	3L	3481150	3502515
CH322-27E17	CHORI-322	2R	7391301	7413879
CH322-27E22	CHORI-322	2R	1522612	1542179
CH322-27F03	CHORI-322	2R	14516643	14538458
CH322-27F05	CHORI-322	2L	8682053	8704439
CH322-27F08	CHORI-322	3R	15996090	16017810
CH322-27F09	CHORI-322	X	17471393	17491895
CH322-27F14	CHORI-322	3R	13372403	13393198
CH322-27F16	CHORI-322	3R	24426896	24448233
CH322-27G03	CHORI-322	3R	9898318	9917633
CH322-27G15	CHORI-322	2R	17424316	17446925
CH322-27G16	CHORI-322	2R	20592018	20613607
CH322-27H01	CHORI-322	3R	13490176	13511839
CH322-27H04	CHORI-322	3R	14210408	14231292
CH322-27H09	CHORI-322	3R	7172057	7194466
CH322-27H12	CHORI-322	3R	3319120	3340018
CH322-27H24	CHORI-322	2L	1315613	1335756
CH322-27I01	CHORI-322	2R	16598071	16618972
CH322-27I07	CHORI-322	3R	21228028	21246924
CH322-27I12	CHORI-322	X	9426972	9446557
CH322-27I13	CHORI-322	2R	10531372	10551394
CH322-27I17	CHORI-322	X	10554545	10573236
CH322-27I19	CHORI-322	3R	1233268	1257485
CH322-27I20	CHORI-322	2L	7589245	7609816
CH322-27J02	CHORI-322	3R	7050243	7070184
CH322-27J18	CHORI-322	3R	17649966	17672746
CH322-27J24	CHORI-322	4	181457	200976
CH322-27K01	CHORI-322	3L	2874655	2895683
CH322-27K02	CHORI-322	3R	8062316	8085838
CH322-27K13	CHORI-322	2L	15868171	15889092
CH322-27L12	CHORI-322	2L	16948198	16971093
CH322-27L13	CHORI-322	3R	13490175	13511839
CH322-27L23	CHORI-322	X	10529670	10551316
CH322-27M01	CHORI-322	2R	18737319	18759263
CH322-27M07	CHORI-322	2L	11693428	11713664
CH322-27N01	CHORI-322	3R	7944341	7963530
CH322-27N02	CHORI-322	X	476757	496519
CH322-27N03	CHORI-322	3L	14618126	14638535
CH322-27N04	CHORI-322	3R	26433097	26453257
CH322-27N17	CHORI-322	3R	5997342	6021068
CH322-27O03	CHORI-322	3R	20881580	20902017
CH322-27O07	CHORI-322	2R	7391434	7413879
CH322-27O15	CHORI-322	3L	5782933	5803485

CH322-27O17	CHORI-322	2L	19929738	19950154
CH322-27P01	CHORI-322	2R	4482236	4501637
CH322-27P03	CHORI-322	2R	15527956	15549901
CH322-27P04	CHORI-322	3R	19653831	19674424
CH322-27P06	CHORI-322	2R	5096079	5120068
CH322-27P07	CHORI-322	3L	990953	1012181
CH322-27P15	CHORI-322	2R	20905949	20926339
CH322-27P24	CHORI-322	2R	17115203	17137396
CH322-28A03	CHORI-322	X	2439042	2461271
CH322-28A04	CHORI-322	2L	1521028	1540085
CH322-28A05	CHORI-322	2L	20943627	20965650
CH322-28A06	CHORI-322	3L	7001320	7022745
CH322-28A07	CHORI-322	2L	4079887	4100915
CH322-28A09	CHORI-322	3L	9421928	9439745
CH322-28A10	CHORI-322	2L	17933876	17954444
CH322-28A12	CHORI-322	X	14398235	14417407
CH322-28A14	CHORI-322	X	4125984	4146299
CH322-28A16	CHORI-322	2R	9199380	9218988
CH322-28A19	CHORI-322	2L	18228810	18249049
CH322-28A22	CHORI-322	2L	3170757	3189997
CH322-28B01	CHORI-322	3R	18507600	18527651
CH322-28B02	CHORI-322	2L	16507018	16527093
CH322-28B03	CHORI-322	2L	1648163	1668978
CH322-28B04	CHORI-322	3L	1568186	1590858
CH322-28B05	CHORI-322	3R	26123082	26143017
CH322-28B06	CHORI-322	3L	13407831	13431406
CH322-28B07	CHORI-322	X	1724229	1743548
CH322-28B09	CHORI-322	3L	8372250	8391672
CH322-28B10	CHORI-322	X	19965913	19986104
CH322-28B13	CHORI-322	3R	15194910	15214241
CH322-28B14	CHORI-322	3L	17427974	17445895
CH322-28B16	CHORI-322	X	4345279	4364576
CH322-28B17	CHORI-322	2R	16359183	16381322
CH322-28B18	CHORI-322	3L	15456019	15475718
CH322-28B19	CHORI-322	2R	12584474	12604945
CH322-28B22	CHORI-322	3R	23184555	23204891
CH322-28B23	CHORI-322	2L	10439865	10458799
CH322-28C03	CHORI-322	X	9840774	9861949
CH322-28C04	CHORI-322	2R	18964858	18984416
CH322-28C14	CHORI-322	2L	15175967	15196396
CH322-28C18	CHORI-322	2L	9268097	9288522
CH322-28C19	CHORI-322	2L	17110473	17131857
CH322-28C20	CHORI-322	2L	16699240	16719017
CH322-28C21	CHORI-322	2R	8891594	8910457
CH322-28C23	CHORI-322	3R	21167532	21189428
CH322-28C24	CHORI-322	3R	17015950	17037849
CH322-28D01	CHORI-322	2L	12396349	12417835
CH322-28D02	CHORI-322	3L	14622376	14642111
CH322-28D03	CHORI-322	2R	19698553	19720024
CH322-28D04	CHORI-322	X	12238364	12260143
CH322-28D08	CHORI-322	X	16170782	16192028
CH322-28D15	CHORI-322	4	1043673	1063234
CH322-28D16	CHORI-322	X	2690326	2710054
CH322-28D17	CHORI-322	3L	6854772	6875282

CH322-28D19	CHORI-322	X	4657673	4676379
CH322-28D20	CHORI-322	2R	6331420	6352609
CH322-28D23	CHORI-322	2L	11804549	11825181
CH322-28D24	CHORI-322	2R	9020607	9040535
CH322-28E16	CHORI-322	3L	2749386	2766862
CH322-28E17	CHORI-322	3L	7799655	7819696
CH322-28E18	CHORI-322	2L	17280392	17300098
CH322-28E21	CHORI-322	2L	7811377	7831227
CH322-28E24	CHORI-322	2R	17286656	17305665
CH322-28F02	CHORI-322	2L	5407797	5427632
CH322-28F07	CHORI-322	3R	23011054	23032822
CH322-28F12	CHORI-322	3R	26122995	26143017
CH322-28F13	CHORI-322	2R	2788903	2809966
CH322-28F14	CHORI-322	3R	17619133	17641597
CH322-28F18	CHORI-322	X	5171924	5192435
CH322-28F20	CHORI-322	2L	1090656	1112538
CH322-28F21	CHORI-322	X	3145353	3166926
CH322-28F22	CHORI-322	X	15475656	15499381
CH322-28F23	CHORI-322	3R	11472419	11493223
CH322-28G06	CHORI-322	2R	1232170	1251494
CH322-28G18	CHORI-322	2L	12063754	12084215
CH322-28G19	CHORI-322	2R	6176570	6196611
CH322-28G20	CHORI-322	2R	11304428	11324841
CH322-28G21	CHORI-322	2R	16731712	16753891
CH322-28G22	CHORI-322	3L	10983762	11005592
CH322-28G23	CHORI-322	3R	19911307	19929824
CH322-28G24	CHORI-322	2L	15994709	16013686
CH322-28H01	CHORI-322	3L	4322488	4340417
CH322-28H04	CHORI-322	2R	19698553	19720024
CH322-28H10	CHORI-322	X	5347818	5370986
CH322-28H17	CHORI-322	X	4125994	4146299
CH322-28H18	CHORI-322	X	859040	879518
CH322-28H19	CHORI-322	X	14398235	14417409
CH322-28H20	CHORI-322	3L	16748336	16769421
CH322-28H21	CHORI-322	3L	7001320	7022745
CH322-28H22	CHORI-322	2R	9044550	9067392
CH322-28H23	CHORI-322	2L	1521024	1540085
CH322-28H24	CHORI-322	2R	12855056	12874863
CH322-28I01	CHORI-322	3L	8814519	8836175
CH322-28I03	CHORI-322	3R	2980669	3000399
CH322-28I05	CHORI-322	3R	26734309	26757658
CH322-28I17	CHORI-322	3L	15861231	15882202
CH322-28I18	CHORI-322	2R	16748052	16767991
CH322-28I19	CHORI-322	2L	15663 38503	
CH322-28I20	CHORI-322	X	9568003	9589464
CH322-28I21	CHORI-322	3L	3337991	3357584
CH322-28I24	CHORI-322	X	9853634	9872899
CH322-28J01	CHORI-322	3R	17706754	17730092
CH322-28J09	CHORI-322	X	5015545	5037336
CH322-28J11	CHORI-322	2R	6154623	6174324
CH322-28J14	CHORI-322	X	12169188	12189455
CH322-28K04	CHORI-322	2R	13783465	13803338
CH322-28K06	CHORI-322	3L	19893717	19913304
CH322-28K13	CHORI-322	3L	5669532	5690983

CH322-28K21	CHORI-322	3R	1535594	1558217
CH322-28K23	CHORI-322	2R	10935782	10955929
CH322-28K24	CHORI-322	3L	15194503	15213379
CH322-28L02	CHORI-322	3L	9086892	9106457
CH322-28L14	CHORI-322	3R	21228028	21250587
CH322-28L21	CHORI-322	2R	18964858	18984248
CH322-28M08	CHORI-322	3R	24211357	24230039
CH322-28M13	CHORI-322	3L	13491075	13514136
CH322-28M23	CHORI-322	3R	8402000	8426032
CH322-28N08	CHORI-322	3L	15260863	15283440
CH322-28N13	CHORI-322	2RHet	2897746	2920311
CH322-28N21	CHORI-322	3L	10983792	11005592
CH322-28N24	CHORI-322	2R	1199841	1221418
CH322-28O03	CHORI-322	2L	21945477	21969977
CH322-28O06	CHORI-322	3L	13589394	13609867
CH322-28O21	CHORI-322	X	8234783	8256060
CH322-28P03	CHORI-322	X	9568003	9589543
CH322-28P04	CHORI-322	2R	18023224	18042648
CH322-28P21	CHORI-322	2R	9193294	9212982
CH322-28P22	CHORI-322	X	14184741	14204415
CH322-29A02	CHORI-322	2R	9555538	9574982
CH322-29A04	CHORI-322	2R	20463886	20482645
CH322-29A05	CHORI-322	3L	14255775	14275690
CH322-29A06	CHORI-322	3R	1239270	1257622
CH322-29A07	CHORI-322	X	3436385	3457064
CH322-29A08	CHORI-322	2R	10935782	10958915
CH322-29A09	CHORI-322	X	19206669	19227465
CH322-29A10	CHORI-322	X	7331658	7351168
CH322-29A12	CHORI-322	2L	6303051	6323306
CH322-29A14	CHORI-322	3L	13586823	13607444
CH322-29A15	CHORI-322	2L	7661895	7684282
CH322-29A18	CHORI-322	3R	22810676	22830439
CH322-29A20	CHORI-322	X	7403294	7424545
CH322-29B01	CHORI-322	X	10896728	10915533
CH322-29B02	CHORI-322	2R	5872993	5892847
CH322-29B03	CHORI-322	2L	17253745	17272761
CH322-29B06	CHORI-322	3L	22330023	22349564
CH322-29B16	CHORI-322	3L	379847	402045
CH322-29B18	CHORI-322	3L	13413211	13432093
CH322-29B19	CHORI-322	3L	18014755	18035371
CH322-29C02	CHORI-322	3R	27066625	27087327
CH322-29C03	CHORI-322	2L	11964739	11985716
CH322-29C04	CHORI-322	3R	13191132	13210499
CH322-29C06	CHORI-322	3L	18564105	18587162
CH322-29C09	CHORI-322	3L	6069022	6088321
CH322-29C10	CHORI-322	3R	25885915	25906508
CH322-29D01	CHORI-322	3R	7263680	7286255
CH322-29D06	CHORI-322	2L	7657820	7678392
CH322-29E09	CHORI-322	3L	16359760	16379125
CH322-29G10	CHORI-322	3R	6405893	6427191
CH322-29G13	CHORI-322	2RHet	136041	155062
CH322-29I06	CHORI-322	3L	13474667	13496382
CH322-29I20	CHORI-322	3L	17092090	17113721
CH322-29K01	CHORI-322	2L	11172980	11192464

CH322-29K02	CHORI-322	2L	12667015	12686259
CH322-29L01	CHORI-322	X	5006930	5027036
CH322-29M03	CHORI-322	2L	17991249	18006822
CH322-29M11	CHORI-322	3L	10784382	10803092
CH322-29M12	CHORI-322	2R	11906730	11929887
CH322-29M13	CHORI-322	2L	15772035	15791692
CH322-29M16	CHORI-322	3R	10906989	10927509
CH322-29N01	CHORI-322	3R	16019078	16038575
CH322-29N12	CHORI-322	3L	3488899	3508413
CH322-29N16	CHORI-322	2L	4802727	4823780
CH322-29N18	CHORI-322	3R	14298108	14320215
CH322-29N24	CHORI-322	3R	23419248	23441084
CH322-29O01	CHORI-322	3L	7735176	7755017
CH322-29O02	CHORI-322	3R	7419462	7438673
CH322-29O12	CHORI-322	2R	11493692	11515877
CH322-29O15	CHORI-322	3L	8508697	8531546
CH322-29O23	CHORI-322	3L	2114940	2138266
CH322-29P03	CHORI-322	3L	22403184	22424009
CH322-29P04	CHORI-322	X	6266218	6285534
CH322-29P06	CHORI-322	3R	20194790	20216451
CH322-29P07	CHORI-322	3L	15868019	15888742
CH322-29P08	CHORI-322	3R	12643412	12663434
CH322-29P09	CHORI-322	3R	2457877	2478102
CH322-29P11	CHORI-322	3L	20526163	20547643
CH322-29P14	CHORI-322	3R	17172493	17195968
CH322-29P15	CHORI-322	3L	16435232	16455087
CH322-29P17	CHORI-322	3R	15527381	15549251
CH322-29P19	CHORI-322	2R	13735547	13757671
CH322-29P20	CHORI-322	2L	14838068	14861207
CH322-29P21	CHORI-322	X	15016908	15040139
CH322-29P22	CHORI-322	X	3132373	3152902
CH322-30A03	CHORI-322	3R	5190101	5211212
CH322-30A04	CHORI-322	X	976785	997468
CH322-30A08	CHORI-322	X	891615	914714
CH322-30A10	CHORI-322	3R	19731329	19752495
CH322-30A21	CHORI-322	2R	5759408	5783325
CH322-30A23	CHORI-322	3R	22056444	22077603
CH322-30B01	CHORI-322	3L	10135096	10153302
CH322-30B02	CHORI-322	2R	20096853	20118585
CH322-30B04	CHORI-322	2R	7058950	7079299
CH322-30B05	CHORI-322	3R	12558196	12577561
CH322-30B06	CHORI-322	2L	2654526	2675169
CH322-30B07	CHORI-322	2R	6930943	6951205
CH322-30B08	CHORI-322	3L	4467268	4485256
CH322-30B09	CHORI-322	3R	8427616	8447049
CH322-30B12	CHORI-322	2R	2633769	2654080
CH322-30B16	CHORI-322	3L	2001029	2022708
CH322-30B18	CHORI-322	X	20728019	20746705
CH322-30B23	CHORI-322	2R	1828618	1853514
CH322-30C02	CHORI-322	3R	3409412	3431203
CH322-30C03	CHORI-322	2RHet	30017	52605
CH322-30C05	CHORI-322	X	1901909	1920951
CH322-30C06	CHORI-322	3R	21185393	21208606
CH322-30C14	CHORI-322	3R	25277696	25297676

CH322-30C21	CHORI-322	3L	11880346	11902117
CH322-30C22	CHORI-322	3L	7944075	7964186
CH322-30D01	CHORI-322	3R	24754709	24774881
CH322-30D02	CHORI-322	2L	8092758	8114352
CH322-30D08	CHORI-322	3L	6604533	6625718
CH322-30D09	CHORI-322	3R	960551	984279
CH322-30D21	CHORI-322	2R	17716292	17735938
CH322-30D23	CHORI-322	2R	17812438	17834413
CH322-30D24	CHORI-322	3R	10463082	10483606
CH322-30E01	CHORI-322	2L	17191081	17212716
CH322-30E02	CHORI-322	3L	1017114	1036182
CH322-30E03	CHORI-322	2L	16080067	16101639
CH322-30E13	CHORI-322	3R	26540884	26561721
CH322-30E24	CHORI-322	3L	17918197	17939943
CH322-30F01	CHORI-322	2L	17178300	17198413
CH322-30F04	CHORI-322	3R	10156796	10177352
CH322-30F06	CHORI-322	2R	20320284	20339003
CH322-30F24	CHORI-322	2R	19214137	19233630
CH322-30G01	CHORI-322	2L	7753187	7772533
CH322-30G02	CHORI-322	3R	18562993	18583099
CH322-30G13	CHORI-322	2L	22890357	22910896
CH322-30G24	CHORI-322	2R	15170968	15188864
CH322-30H02	CHORI-322	3R	26960984	26981565
CH322-30H04	CHORI-322	2R	8794110	8815953
CH322-30H06	CHORI-322	2R	14774614	14796347
CH322-30H07	CHORI-322	3R	6819213	6840535
CH322-30H11	CHORI-322	3R	7950856	7970625
CH322-30I11	CHORI-322	3R	4656492	4677161
CH322-30I22	CHORI-322	2L	920457	944026
CH322-30I23	CHORI-322	3R	9989448	10012009
CH322-30J01	CHORI-322	X	20765997	20785524
CH322-30J02	CHORI-322	3R	24999967	25021454
CH322-30J06	CHORI-322	3L	19363713	19385737
CH322-30J11	CHORI-322	2L	20910944	20931826
CH322-30J17	CHORI-322	X	18517812	18539702
CH322-30J24	CHORI-322	2L	8252056	8271333
CH322-30K01	CHORI-322	3L	6606035	6625319
CH322-30K02	CHORI-322	3R	10838153	10856769
CH322-30K12	CHORI-322	2L	3993243	4011862
CH322-30K13	CHORI-322	2L	10043665	10065368
CH322-30K21	CHORI-322	3L	9412162	9429586
CH322-30K22	CHORI-322	X	19556108	19580463
CH322-30L01	CHORI-322	2L	836743	856859
CH322-30L02	CHORI-322	2R	1158405	1180710
CH322-30L11	CHORI-322	3R	14226732	14246876
CH322-30L14	CHORI-322	3R	4889096	4911059
CH322-30M01	CHORI-322	2R	1597972	1618362
CH322-30M22	CHORI-322	2R	7890483	7911185
CH322-30M23	CHORI-322	3R	25902602	25925650
CH322-30N01	CHORI-322	3R	17923864	17942754
CH322-30N02	CHORI-322	2L	3181198	3200486
CH322-30N03	CHORI-322	3L	9966152	9986384
CH322-30N05	CHORI-322	3R	18801392	18823392
CH322-30N17	CHORI-322	2L	20235778	20256535

CH322-30N18	CHORI-322	3L	15614770	15635825
CH322-30N20	CHORI-322	3R	18098421	18120002
CH322-30N22	CHORI-322	2L	4835173	4855542
CH322-30N23	CHORI-322	4	1070793	1091218
CH322-30N24	CHORI-322	3R	22846729	22868221
CH322-30O02	CHORI-322	3R	18934659	18955568
CH322-30O09	CHORI-322	2L	11105347	11128338
CH322-30O17	CHORI-322	2R	19077613	19096711
CH322-30O21	CHORI-322	2R	9190452	9210633
CH322-30O23	CHORI-322	X	18310120	18332068
CH322-30O24	CHORI-322	3R	20234241	20253372
CH322-30P01	CHORI-322	2L	1314801	1336924
CH322-30P02	CHORI-322	3R	14145070	14165000
CH322-30P04	CHORI-322	2R	3777433	3796712
CH322-30P09	CHORI-322	3R	9554981	9575695
CH322-30P10	CHORI-322	2R	16067406	16085214
CH322-30P13	CHORI-322	3L	8904784	8924631
CH322-30P14	CHORI-322	X	18870537	18893649
CH322-30P17	CHORI-322	3R	18358898	18379424
CH322-30P18	CHORI-322	3R	4887843	4911059
CH322-30P19	CHORI-322	3L	14184814	14204259
CH322-30P22	CHORI-322	X	2777261	2797393
CH322-30P23	CHORI-322	X	1034464	1053916
CH322-31A03	CHORI-322	3L	20463157	20481721
CH322-31A04	CHORI-322	3R	21199432	21221055
CH322-31A08	CHORI-322	3R	4191349	4212574
CH322-31A09	CHORI-322	2L	86214	107821
CH322-31A10	CHORI-322	3L	13132672	13153262
CH322-31A12	CHORI-322	X	8949658	8970450
CH322-31A15	CHORI-322	2R	14894151	14912940
CH322-31A16	CHORI-322	3R	11081847	11102441
CH322-31A17	CHORI-322	2R	15297245	15315716
CH322-31A18	CHORI-322	2L	2268622	2288689
CH322-31A20	CHORI-322	2R	10318240	10339389
CH322-31A21	CHORI-322	2R	10142662	10162546
CH322-31A22	CHORI-322	3L	6368919	6388655
CH322-31A24	CHORI-322	X	20120123	20142950
CH322-31B02	CHORI-322	2L	1519377	1540598
CH322-31B03	CHORI-322	2L	19472290	19491777
CH322-31B06	CHORI-322	3R	10335760	10357064
CH322-31B09	CHORI-322	3R	1815494	1837549
CH322-31B13	CHORI-322	2R	15180455	15202229
CH322-31B14	CHORI-322	X	6096332	6118151
CH322-31B15	CHORI-322	3R	2595065	2616639
CH322-31B21	CHORI-322	X	6943833	6964386
CH322-31B22	CHORI-322	3R	10388834	10409164
CH322-31B24	CHORI-322	3L	10646570	10666378
CH322-31C01	CHORI-322	X	8964075	8985637
CH322-31C02	CHORI-322	2R	15439835	15459612
CH322-31C10	CHORI-322	3RHet	2490562	2510475
CH322-31C17	CHORI-322	3R	4297964	4320397
CH322-31C20	CHORI-322	2R	2649183	2669675
CH322-31C21	CHORI-322	3R	2190020	2211739
CH322-31C22	CHORI-322	2L	2128688	2147839

CH322-31D01	CHORI-322	2L	13674392	13694801
CH322-31D02	CHORI-322	3L	12756335	12775678
CH322-31D08	CHORI-322	X	16359074	16379840
CH322-31D12	CHORI-322	3L	7566381	7586670
CH322-31D21	CHORI-322	2R	5006760	5028055
CH322-31D24	CHORI-322	2L	4746835	4770397
CH322-31E16	CHORI-322	X	10130416	10149585
CH322-31E23	CHORI-322	2L	6467105	6487795
CH322-31F06	CHORI-322	3L	7724734	7747457
CH322-31F11	CHORI-322	X	10251571	10275271
CH322-31F12	CHORI-322	2R	14749223	14769724
CH322-31F14	CHORI-322	2L	15994486	16013686
CH322-31F16	CHORI-322	X	2575621	2599062
CH322-31F18	CHORI-322	3R	1763651	1785070
CH322-31F19	CHORI-322	4	720757	739746
CH322-31F20	CHORI-322	3L	6145360	6164847
CH322-31G01	CHORI-322	X	11394307	11414678
CH322-31G13	CHORI-322	3R	238589	257637
CH322-31G20	CHORI-322	3L	2401928	2422978
CH322-31G22	CHORI-322	2R	1210290	1231454
CH322-31H09	CHORI-322	3L	16732110	16752063
CH322-31H10	CHORI-322	3R	4191877	4212808
CH322-31H11	CHORI-322	2L	14502130	14522608
CH322-31H15	CHORI-322	3R	27354672	27374414
CH322-31H16	CHORI-322	2R	7048404	7069162
CH322-31H20	CHORI-322	3R	16904380	16925596
CH322-31I01	CHORI-322	X	1449786	1470594
CH322-31I02	CHORI-322	3L	23956670	23978043
CH322-31I04	CHORI-322	X	9371228	9391089
CH322-31I13	CHORI-322	2R	20858402	20879066
CH322-31I14	CHORI-322	2R	4896082	4918933
CH322-31I17	CHORI-322	2L	12372498	12394192
CH322-31I21	CHORI-322	2R	20841622	20861459
CH322-31J04	CHORI-322	2L	7354524	7373568
CH322-31J05	CHORI-322	2R	4276123	4297152
CH322-31J11	CHORI-322	3R	1190404	1210133
CH322-31J13	CHORI-322	3R	11648357	11668698
CH322-31J14	CHORI-322	3L	2771756	2792085
CH322-31J18	CHORI-322	3R	6649057	6669789
CH322-31K03	CHORI-322	3R	24699563	24722204
CH322-31K09	CHORI-322	3R	3121989	3142387
CH322-31K12	CHORI-322	X	15254928	15274909
CH322-31K17	CHORI-322	X	21128169	21149601
CH322-31L02	CHORI-322	3LHet	2455483	2476323
CH322-31L04	CHORI-322	2R	13098731	13116704
CH322-31L05	CHORI-322	4	723447	743630
CH322-31L09	CHORI-322	3R	26817784	26841282
CH322-31L10	CHORI-322	2R	13782616	13802906
CH322-31L18	CHORI-322	3R	25255097	25278574
CH322-31M01	CHORI-322	2R	7822741	7843173
CH322-31M02	CHORI-322	3R	27447304	27466751
CH322-31M16	CHORI-322	2R	11149627	11172192
CH322-31M21	CHORI-322	3L	21731550	21753311
CH322-31N12	CHORI-322	X	8049789	8070318

CH322-31N17	CHORI-322	2L	12404877	12424439
CH322-31N20	CHORI-322	3L	4270854	4293387
CH322-31N21	CHORI-322	3R	26359780	26381865
CH322-31N22	CHORI-322	3L	2954069	2976779
CH322-31O01	CHORI-322	3R	6849433	6869407
CH322-31O05	CHORI-322	X	17204511	17223674
CH322-31O11	CHORI-322	3L	10745221	10764244
CH322-31O12	CHORI-322	3L	17814369	17835106
CH322-31O13	CHORI-322	3L	13190021	13212368
CH322-31O15	CHORI-322	2L	9709607	9732019
CH322-31O17	CHORI-322	3L	18665247	18686365
CH322-31O18	CHORI-322	3R	23870917	23891118
CH322-31P02	CHORI-322	X	2150203	2171583
CH322-31P08	CHORI-322	X	17969403	17989661
CH322-31P11	CHORI-322	2R	18579871	18602621
CH322-31P14	CHORI-322	3L	14616290	14636878
CH322-31P18	CHORI-322	2L	10171035	10190869
CH322-31P19	CHORI-322	2L	11858490	11880528
CH322-31P20	CHORI-322	3R	12638054	12657105
CH322-31P24	CHORI-322	3R	21501528	21523543
CH322-32B06	CHORI-322	2R	4567788	4589500
CH322-32B14	CHORI-322	3L	11398143	11419464
CH322-32B15	CHORI-322	X	15514411	15535327
CH322-32B16	CHORI-322	3R	23967391	23987293
CH322-32B17	CHORI-322	3L	17140055	17160174
CH322-32B18	CHORI-322	3L	5384144	5405454
CH322-32C05	CHORI-322	X	3562546	3581373
CH322-32C11	CHORI-322	3R	22405083	22426629
CH322-32C12	CHORI-322	3L	15043080	15063442
CH322-32C13	CHORI-322	2R	13033813	13053125
CH322-32C14	CHORI-322	3L	5068123	5089128
CH322-32C16	CHORI-322	2R	3256029	3278460
CH322-32C17	CHORI-322	3L	256607	278449
CH322-32C18	CHORI-322	2L	951682	972240
CH322-32C19	CHORI-322	3R	14874146	14895440
CH322-32C21	CHORI-322	2L	11290530	11311384
CH322-32C22	CHORI-322	3R	7112231	7131334
CH322-32D11	CHORI-322	2L	8387014	8405413
CH322-32D15	CHORI-322	2L	409943	430228
CH322-32D17	CHORI-322	2R	15963635	15981990
CH322-32E14	CHORI-322	X	2770313	2790231
CH322-32E16	CHORI-322	2L	2928221	2946777
CH322-32E19	CHORI-322	X	6076066	6098806
CH322-32E21	CHORI-322	3R	9535181	9553504
CH322-32E22	CHORI-322	2L	4279062	4298989
CH322-32F01	CHORI-322	3L	13345276	13366391
CH322-32F21	CHORI-322	X	6425596	6448158
CH322-32I13	CHORI-322	3L	21750436	21773434
CH322-32I14	CHORI-322	3R	23715869	23737016
CH322-32I23	CHORI-322	2L	14333316	14352544
CH322-32L23	CHORI-322	3R	8151379	8169924
CH322-32L24	CHORI-322	3R	16276821	16296213
CH322-32M13	CHORI-322	2L	17836319	17856234
CH322-32M16	CHORI-322	X	18600461	18619465

CH322-32M18	CHORI-322	3R	350624	371994
CH322-32M23	CHORI-322	3R	3589613	3610910
CH322-32N15	CHORI-322	2L	17374491	17393067
CH322-32N22	CHORI-322	4	361925	381064
CH322-32N23	CHORI-322	2L	11152256	11172983
CH322-32N24	CHORI-322	2L	6831690	6852356
CH322-32O15	CHORI-322	2L	4808561	4826928
CH322-32O19	CHORI-322	2L	1370300	1388597
CH322-32O23	CHORI-322	2L	1360306	1380349
CH322-32P15	CHORI-322	2L	11345724	11366265
CH322-32P16	CHORI-322	3L	20160482	20180535
CH322-32P17	CHORI-322	3L	1199993	1219775
CH322-32P18	CHORI-322	3L	4153521	4176189
CH322-32P19	CHORI-322	3R	1431410	1451086
CH322-32P20	CHORI-322	2R	20207757	20231486
CH322-33A01	CHORI-322	2L	20703640	20724424
CH322-33A03	CHORI-322	3L	3784528	3803440
CH322-33A04	CHORI-322	3R	7928399	7951432
CH322-33A05	CHORI-322	3R	14477253	14498667
CH322-33A06	CHORI-322	2L	13613580	13635811
CH322-33A07	CHORI-322	3R	127962	147781
CH322-33A08	CHORI-322	2L	6984548	7006507
CH322-33A10	CHORI-322	3R	3638132	3658945
CH322-33A12	CHORI-322	2R	6644605	6666518
CH322-33A13	CHORI-322	2R	9735414	9754880
CH322-33A21	CHORI-322	3L	20818223	20838014
CH322-33A22	CHORI-322	3R	11535360	11557661
CH322-33B01	CHORI-322	3R	25368268	25388733
CH322-33B09	CHORI-322	2R	19878394	19899263
CH322-33B13	CHORI-322	X	22295706	22315916
CH322-33C02	CHORI-322	X	5251110	5270243
CH322-33C03	CHORI-322	2L	19226507	19249722
CH322-33C04	CHORI-322	2L	20535710	20556646
CH322-33C17	CHORI-322	3L	10922274	10941774
CH322-33C21	CHORI-322	2R	19297078	19318400
CH322-33D04	CHORI-322	2L	15520064	15541767
CH322-33D06	CHORI-322	2L	16671600	16692173
CH322-33D21	CHORI-322	3L	11192570	11213410
CH322-33D23	CHORI-322	3R	18019072	18041428
CH322-33G01	CHORI-322	X	3775692	3795258
CH322-33H09	CHORI-322	2L	13319056	13338196
CH322-33H11	CHORI-322	3R	6927669	6949076
CH322-33K01	CHORI-322	3R	26970567	26988512
CH322-33L12	CHORI-322	2L	15623046	15643769
CH322-33M02	CHORI-322	2R	3630297	3649883
CH322-33M11	CHORI-322	3L	4063323	4084139
CH322-33N05	CHORI-322	3L	2152752	2172238
CH322-33N14	CHORI-322	2L	5476505	5496235
CH322-33O01	CHORI-322	3L	4492098	4514219
CH322-33O17	CHORI-322	X	11299099	11318262
CH322-33O22	CHORI-322	2L	1637600	1658610
CH322-33P01	CHORI-322	2R	20366462	20386575
CH322-33P04	CHORI-322	X	2406907	2425400
CH322-34A01	CHORI-322	3R	24119454	24141441

CH322-34A03	CHORI-322	3L	18296846	18316960
CH322-34A06	CHORI-322	3L	22345298	22366810
CH322-34A08	CHORI-322	3L	11193405	11213410
CH322-34A10	CHORI-322	2R	10459178	10480378
CH322-34A11	CHORI-322	X	4314030	4331945
CH322-34B01	CHORI-322	3R	9212851	9232412
CH322-34B07	CHORI-322	2L	21927392	21947502
CH322-34B09	CHORI-322	X	5152810	5173343
CH322-34B10	CHORI-322	3R	7866577	7885915
CH322-34B12	CHORI-322	2R	10278815	10303417
CH322-34C01	CHORI-322	2L	1094286	1115187
CH322-34C02	CHORI-322	3R	8429538	8450489
CH322-34C05	CHORI-322	2L	17901656	17920953
CH322-34C08	CHORI-322	2L	10063961	10085901
CH322-34C10	CHORI-322	3L	7846663	7867239
CH322-34C11	CHORI-322	3R	13797294	13817525
CH322-34D01	CHORI-322	3R	2944550	2964213
CH322-34D03	CHORI-322	2L	4711039	4730659
CH322-34D05	CHORI-322	3L	13227866	13246495
CH322-34D06	CHORI-322	2R	12931004	12953381
CH322-34D08	CHORI-322	X	18466198	18488889
CH322-34D11	CHORI-322	3L	22579860	22598419
CH322-34D12	CHORI-322	3L	5563741	5583094
CH322-34E02	CHORI-322	3R	25136897	25158367
CH322-34E03	CHORI-322	3R	17402664	17423291
CH322-34E05	CHORI-322	X	997677	1018347
CH322-34E06	CHORI-322	3R	22564090	22586498
CH322-34E08	CHORI-322	2L	12077117	12095857
CH322-34E09	CHORI-322	3L	5169858	5189146
CH322-34F01	CHORI-322	3L	10109265	10129961
CH322-34F02	CHORI-322	3R	17719854	17740336
CH322-34F04	CHORI-322	3R	15798745	15819757
CH322-34F09	CHORI-322	3R	18594762	18613213
CH322-34F11	CHORI-322	3R	15809353	15828661
CH322-34F12	CHORI-322	X	18945488	18966242
CH322-34G02	CHORI-322	3L	12992644	13014558
CH322-34G03	CHORI-322	X	5491291	5515022
CH322-34G04	CHORI-322	2R	15169449	15192288
CH322-34G05	CHORI-322	2L	2993357	3015324
CH322-34G09	CHORI-322	X	19215756	19235850
CH322-34G10	CHORI-322	X	12536237	12557936
CH322-34H01	CHORI-322	2R	26211 46788	
CH322-34H02	CHORI-322	3R	8591031	8612604
CH322-34H03	CHORI-322	3R	22380621	22402235
CH322-34H04	CHORI-322	3L	19303815	19322929
CH322-34H10	CHORI-322	2L	13938761	13957374
CH322-34H11	CHORI-322	3L	12887075	12907588
CH322-34I02	CHORI-322	2R	19698471	19718072
CH322-34I04	CHORI-322	2R	16371733	16392366
CH322-34I05	CHORI-322	X	8767523	8787901
CH322-34I08	CHORI-322	3R	12252641	12274174
CH322-34I10	CHORI-322	2L	16968617	16991232
CH322-34I12	CHORI-322	3R	14745767	14765502
CH322-34J01	CHORI-322	2L	4622273	4644212

CH322-34J11	CHORI-322	3L	23696035	23714978
CH322-34J12	CHORI-322	3L	19642831	19661879
CH322-34K03	CHORI-322	3R	18442779	18462541
CH322-34K10	CHORI-322	3R	12305788	12326615
CH322-34L07	CHORI-322	3R	15806449	15830211
CH322-34L08	CHORI-322	X	12136083	12157079
CH322-34L11	CHORI-322	X	19489534	19510185
CH322-34L13	CHORI-322	2L	14550005	14571979
CH322-34M01	CHORI-322	3L	8854116	8872699
CH322-34M08	CHORI-322	3R	15388508	15407384
CH322-34M10	CHORI-322	2L	3834777	3856794
CH322-34M11	CHORI-322	2L	18786158	18805741
CH322-34M13	CHORI-322	3L	5723788	5744637
CH322-34N02	CHORI-322	3L	5187796	5209951
CH322-34N08	CHORI-322	X	2369634	2391010
CH322-34N13	CHORI-322	3L	13566822	13589397
CH322-34N14	CHORI-322	2R	20460816	20483206
CH322-34O01	CHORI-322	2R	13445975	13468103
CH322-34O05	CHORI-322	X	10502158	10526063
CH322-34O10	CHORI-322	3R	5712385	5732490
CH322-34O13	CHORI-322	2L	15188895	15209942
CH322-34O14	CHORI-322	X	16611837	16632390
CH322-34O15	CHORI-322	2R	5741418	5760989
CH322-34P01	CHORI-322	X	8540755	8560667
CH322-34P13	CHORI-322	3L	7693123	7712215
CH322-35A02	CHORI-322	3R	18090809	18110602
CH322-35A03	CHORI-322	2L	10489808	10511559
CH322-35A04	CHORI-322	3R	11288732	11311020
CH322-35A09	CHORI-322	3L	12943492	12964704
CH322-35A12	CHORI-322	X	11662729	11685130
CH322-35A14	CHORI-322	3R	1757979	1779374
CH322-35A15	CHORI-322	X	13292577	13313607
CH322-35A16	CHORI-322	X	15874438	15897009
CH322-35A17	CHORI-322	2R	15549106	15570342
CH322-35A19	CHORI-322	3L	23006395	23027829
CH322-35A20	CHORI-322	2R	18164580	18183424
CH322-35A21	CHORI-322	X	20562672	20584657
CH322-35A22	CHORI-322	3R	5291295	5310768
CH322-35A23	CHORI-322	3R	8428893	8451522
CH322-35A24	CHORI-322	2R	15412860	15433228
CH322-35B01	CHORI-322	3R	9860168	9878884
CH322-35B02	CHORI-322	2L	12377523	12399978
CH322-35B05	CHORI-322	3R	19970903	19992404
CH322-35B09	CHORI-322	3R	10311137	10331122
CH322-35B10	CHORI-322	3L	19461928	19481542
CH322-35B11	CHORI-322	3R	7653948	7674225
CH322-35B12	CHORI-322	3R	22530204	22552154
CH322-35B13	CHORI-322	2L	13913543	13936450
CH322-35B14	CHORI-322	X	20128007	20147811
CH322-35B18	CHORI-322	2R	17525141	17544991
CH322-35B20	CHORI-322	2R	8375094	8395746
CH322-35B21	CHORI-322	X	21357939	21377081
CH322-35B24	CHORI-322	3R	14785078	14804481
CH322-35C01	CHORI-322	3R	26499986	26521741

CH322-35C03	CHORI-322	3L	8907508	8929107
CH322-35C06	CHORI-322	2L	15385262	15401959
CH322-35C11	CHORI-322	2L	11856157	11876270
CH322-35C14	CHORI-322	3L	10230753	10253419
CH322-35C15	CHORI-322	2L	19094991	19116007
CH322-35C16	CHORI-322	X	5760341	5780825
CH322-35C18	CHORI-322	3R	4292802	4312264
CH322-35C19	CHORI-322	3L	9259803	9279440
CH322-35C21	CHORI-322	2L	5471464	5491415
CH322-35C22	CHORI-322	3L	330433	350241
CH322-35C23	CHORI-322	2R	20911654	20933111
CH322-35D01	CHORI-322	3R	5298387	5321907
CH322-35D06	CHORI-322	3R	4992366	5014219
CH322-35D07	CHORI-322	2L	1251620	1271758
CH322-35D08	CHORI-322	2R	12831764	12853873
CH322-35D10	CHORI-322	2R	14775765	14797714
CH322-35D14	CHORI-322	X	10397386	10418761
CH322-35D15	CHORI-322	3L	4831569	4855604
CH322-35D20	CHORI-322	3L	22860450	22879013
CH322-35D21	CHORI-322	2R	14894503	14913903
CH322-35D22	CHORI-322	3R	22519281	22543692
CH322-35D23	CHORI-322	3R	5643664	5663036
CH322-35D24	CHORI-322	3R	7706111	7725651
CH322-35E01	CHORI-322	3R	22703959	22727300
CH322-35E02	CHORI-322	3L	17548793	17568305
CH322-35E08	CHORI-322	3R	2296270	2316543
CH322-35E13	CHORI-322	2R	19695781	19719266
CH322-35E15	CHORI-322	2R	6642985	6662906
CH322-35E16	CHORI-322	2L	4578040	4599075
CH322-35E17	CHORI-322	3LHet	694032	716949
CH322-35E18	CHORI-322	2R	7737645	7756691
CH322-35E20	CHORI-322	3R	15947760	15965003
CH322-35E21	CHORI-322	X	5324185	5344628
CH322-35E22	CHORI-322	3R	26980697	27002143
CH322-35E23	CHORI-322	3R	22510423	22531120
CH322-35E24	CHORI-322	2L	18453145	18476456
CH322-35F02	CHORI-322	3L	3059589	3080551
CH322-35F03	CHORI-322	2RHet	2898975	2917774
CH322-35F05	CHORI-322	2L	16688507	16709831
CH322-35F07	CHORI-322	3L	20096480	20120821
CH322-35F10	CHORI-322	X	15449144	15470834
CH322-35F13	CHORI-322	2L	17652305	17675242
CH322-35F14	CHORI-322	3R	19496224	19517456
CH322-35F17	CHORI-322	2L	22124162	22143711
CH322-35F18	CHORI-322	3L	1782171	1804261
CH322-35F20	CHORI-322	3L	9354477	9375577
CH322-35F21	CHORI-322	3L	8889886	8909285
CH322-35F22	CHORI-322	2L	13992074	14011069
CH322-35G03	CHORI-322	3R	22510426	22531120
CH322-35G04	CHORI-322	2R	8826299	8846763
CH322-35G09	CHORI-322	X	16072233	16093578
CH322-35G11	CHORI-322	3R	25029281	25050667
CH322-35G21	CHORI-322	2L	6462334	6482104
CH322-35G22	CHORI-322	3R	17719854	17739186

CH322-35H01	CHORI-322	3L	17685893	17707121
CH322-35H16	CHORI-322	X	17598703	17619778
CH322-35I02	CHORI-322	3R	14805623	14825228
CH322-35I13	CHORI-322	3R	27763632	27784312
CH322-35I18	CHORI-322	2L	10152698	10173549
CH322-35I19	CHORI-322	X	2969407	2988653
CH322-35I20	CHORI-322	2R	16985316	17007101
CH322-35I21	CHORI-322	X	12952588	12971637
CH322-35J02	CHORI-322	2R	7630591	7650442
CH322-35J12	CHORI-322	2L	12317026	12338945
CH322-35K10	CHORI-322	X	18942259	18963345
CH322-35K11	CHORI-322	2R	12358426	12380472
CH322-35K12	CHORI-322	X	7548712	7567859
CH322-35K20	CHORI-322	2R	17446935	17471482
CH322-35L02	CHORI-322	X	5354971	5372716
CH322-35L03	CHORI-322	3R	26868325	26888430
CH322-35M02	CHORI-322	2R	2949023	2971962
CH322-35M04	CHORI-322	2L	14453392	14470814
CH322-35M08	CHORI-322	2R	5164857	5183365
CH322-35M11	CHORI-322	2L	13346368	13368157
CH322-35M20	CHORI-322	3R	1808989	1828945
CH322-35M22	CHORI-322	2L	8023727	8044267
CH322-35M24	CHORI-322	3R	9639671	9661670
CH322-35N12	CHORI-322	3L	18811099	18832797
CH322-35N18	CHORI-322	2R	4302597	4325872
CH322-35N19	CHORI-322	2L	14229567	14252890
CH322-35N20	CHORI-322	X	8298925	8319012
CH322-35N22	CHORI-322	2R	4254942	4275977
CH322-35O05	CHORI-322	2L	22835049	22855112
CH322-35O06	CHORI-322	3R	11443357	11463765
CH322-35O12	CHORI-322	3L	16204809	16228119
CH322-35O14	CHORI-322	3L	8359452	8379971
CH322-35O15	CHORI-322	2R	18745018	18763191
CH322-35O16	CHORI-322	3L	3260820	3281113
CH322-35O21	CHORI-322	X	15338653	15360311
CH322-35O22	CHORI-322	X	603132	623000
CH322-35O24	CHORI-322	3L	2338125	2361072
CH322-35P01	CHORI-322	3L	4035081	4057425
CH322-35P02	CHORI-322	X	18486116	18505901
CH322-35P03	CHORI-322	X	2451078	2473861
CH322-35P16	CHORI-322	2L	17535855	17555887
CH322-36A01	CHORI-322	3L	6630134	6649798
CH322-36A02	CHORI-322	3R	23548299	23569367
CH322-36A03	CHORI-322	X	9525054	9542686
CH322-36A04	CHORI-322	3L	19650423	19669855
CH322-36A05	CHORI-322	2L	684972	704999
CH322-36A07	CHORI-322	2L	684972	704999
CH322-36A08	CHORI-322	3L	12143137	12164668
CH322-36A09	CHORI-322	3R	13671057	13690129
CH322-36A10	CHORI-322	2R	10983431	11005408
CH322-36A11	CHORI-322	2L	16205400	16224296
CH322-36A14	CHORI-322	2R	4753554	4775623
CH322-36A15	CHORI-322	3L	3346051	3364581
CH322-36A20	CHORI-322	2L	10908013	10927725

CH322-36A23	CHORI-322	2R	5524299	5542627
CH322-36B01	CHORI-322	X	9782691	9799735
CH322-36B05	CHORI-322	2L	12207245	12226026
CH322-36B06	CHORI-322	3R	22809859	22832210
CH322-36B15	CHORI-322	3R	7518128	7539019
CH322-36B19	CHORI-322	3R	17452698	17474282
CH322-36B20	CHORI-322	2L	2300582	2319618
CH322-36B22	CHORI-322	3R	8411783	8433732
CH322-36B23	CHORI-322	2R	11521697	11541255
CH322-36B24	CHORI-322	3R	3264592	3286209
CH322-36C01	CHORI-322	3R	18813018	18833825
CH322-36C02	CHORI-322	3L	15380326	15401592
CH322-36C05	CHORI-322	2L	7855633	7876772
CH322-36C09	CHORI-322	3R	2093509	2113883
CH322-36C13	CHORI-322	2L	17741018	17760956
CH322-36C17	CHORI-322	2L	19242518	19261609
CH322-36C18	CHORI-322	X	20235729	20254892
CH322-36C22	CHORI-322	3L	11822878	11843901
CH322-36C24	CHORI-322	2R	6219310	6242066
CH322-36D01	CHORI-322	3R	9742616	9762994
CH322-36D02	CHORI-322	2L	10339599	10359083
CH322-36D03	CHORI-322	3L	14607344	14626601
CH322-36D04	CHORI-322	2R	1583520	1602448
CH322-36D05	CHORI-322	3R	1823213	1841754
CH322-36D06	CHORI-322	3R	5004540	5023256
CH322-36D09	CHORI-322	3L	15312056	15333480
CH322-36D11	CHORI-322	3R	27353897	27373300
CH322-36D12	CHORI-322	2L	12977591	13001447
CH322-36D13	CHORI-322	2L	13810815	13832376
CH322-36D15	CHORI-322	3R	14028897	14050319
CH322-36D16	CHORI-322	3R	16819018	16837043
CH322-36D17	CHORI-322	X	7091672	7112694
CH322-36E04	CHORI-322	2L	19793080	19816382
CH322-36E07	CHORI-322	2R	16029574	16049698
CH322-36E15	CHORI-322	2L	9601493	9620778
CH322-36E20	CHORI-322	3R	19247546	19267923
CH322-36E21	CHORI-322	X	12039837	12058172
CH322-36F03	CHORI-322	2R	13100505	13118537
CH322-36F04	CHORI-322	3R	16111794	16134011
CH322-36F05	CHORI-322	2R	1705114	1725456
CH322-36F06	CHORI-322	2L	18765577	18787119
CH322-36F07	CHORI-322	2L	13535015	13558659
CH322-36F10	CHORI-322	3L	3541931	3563767
CH322-36F12	CHORI-322	2R	19774356	19796535
CH322-36F13	CHORI-322	3L	9189714	9212471
CH322-36F15	CHORI-322	3R	26925986	26945705
CH322-36F17	CHORI-322	2R	19526370	19547336
CH322-36F22	CHORI-322	X	241277	259852
CH322-36G01	CHORI-322	3L	9163897	9186228
CH322-36G02	CHORI-322	X	1383492	1405160
CH322-36G03	CHORI-322	2R	20340421	20362098
CH322-36G04	CHORI-322	2L	14705954	14728244
CH322-36G09	CHORI-322	3L	4473972	4495307
CH322-36G10	CHORI-322	2L	11407332	11428778

CH322-36G17	CHORI-322	3R	13636118	13654892
CH322-36G18	CHORI-322	3R	27821796	27840261
CH322-36G23	CHORI-322	3L	19559401	19580395
CH322-36H01	CHORI-322	3R	15396715	15416857
CH322-36H02	CHORI-322	2R	5670807	5692016
CH322-36H04	CHORI-322	2L	6937858	6960369
CH322-36H08	CHORI-322	3R	7915562	7935776
CH322-36H09	CHORI-322	2L	15143159	15163692
CH322-36H12	CHORI-322	2L	11110361	11132890
CH322-36H13	CHORI-322	3R	24310690	24329645
CH322-36H15	CHORI-322	2L	17778386	17797541
CH322-36H19	CHORI-322	X	1664283	1687096
CH322-36H24	CHORI-322	2L	16667355	16686147
CH322-36I01	CHORI-322	2L	12548233	12568624
CH322-36I02	CHORI-322	2L	18002903	18022066
CH322-36I14	CHORI-322	2R	12828671	12846564
CH322-36I20	CHORI-322	3L	21893342	21914892
CH322-36J03	CHORI-322	3R	5278675	5298047
CH322-36J05	CHORI-322	3R	25731658	25751290
CH322-36J07	CHORI-322	3R	10265005	10283804
CH322-36J19	CHORI-322	2L	13048615	13069626
CH322-36K02	CHORI-322	3R	8542795	8562609
CH322-36K03	CHORI-322	3L	12990162	13010392
CH322-36K04	CHORI-322	X	14635225	14653598
CH322-36K06	CHORI-322	X	16137536	16156414
CH322-36K13	CHORI-322	2R	9347533	9369545
CH322-36K14	CHORI-322	X	9189211	9211527
CH322-36L01	CHORI-322	3L	10683602	10705583
CH322-36L02	CHORI-322	3R	25145240	25165631
CH322-36L03	CHORI-322	3L	9642026	9664168
CH322-36L04	CHORI-322	2R	9404237	9423847
CH322-36L05	CHORI-322	3R	1510177	1531581
CH322-36L06	CHORI-322	3R	8681982	8702668
CH322-36M01	CHORI-322	3R	16495440	16516633
CH322-36M03	CHORI-322	2L	6735087	6755941
CH322-36M05	CHORI-322	2L	7901984	7922747
CH322-36M07	CHORI-322	X	4697235	4717960
CH322-36M08	CHORI-322	2L	12393866	12413071
CH322-36M09	CHORI-322	2R	11273830	11293567
CH322-36M13	CHORI-322	3R	27164914	27186463
CH322-36M18	CHORI-322	X	19349754	19369442
CH322-36M19	CHORI-322	3R	12100675	12123458
CH322-36N02	CHORI-322	3L	17762895	17783990
CH322-36N03	CHORI-322	2L	21059520	21079482
CH322-36N04	CHORI-322	3L	12966298	12985989
CH322-36N05	CHORI-322	2L	10430478	10453960
CH322-36N07	CHORI-322	3R	3184892	3204651
CH322-36N09	CHORI-322	3R	2176081	2197384
CH322-36N12	CHORI-322	3L	22110955	22130610
CH322-36N13	CHORI-322	X	11284159	11304410
CH322-36N14	CHORI-322	3R	15876500	15899586
CH322-36N22	CHORI-322	3L	10510051	10527803
CH322-36O01	CHORI-322	3R	7111788	7132842
CH322-36O04	CHORI-322	3R	1076146	1094998

CH322-36O05	CHORI-322	3R	14005761	14025976
CH322-36O07	CHORI-322	3L	11040665	11059197
CH322-36O09	CHORI-322	3L	20886060	20907401
CH322-36O10	CHORI-322	3R	15736287	15759868
CH322-36O12	CHORI-322	X	13645420	13664044
CH322-36O13	CHORI-322	2RHet	1875334	1897896
CH322-36O14	CHORI-322	2R	2604595	2625541
CH322-36O15	CHORI-322	2L	6273527	6293581
CH322-36O17	CHORI-322	3L	8908860	8929605
CH322-36P01	CHORI-322	3L	2148412	2168071
CH322-36P02	CHORI-322	2L	8484434	8504868
CH322-36P06	CHORI-322	X	9420026	9441044
CH322-36P07	CHORI-322	X	10910986	10932964
CH322-36P09	CHORI-322	3L	18351977	18370996
CH322-36P10	CHORI-322	X	2065187	2085672
CH322-36P12	CHORI-322	3R	16796350	16815695
CH322-36P14	CHORI-322	3L	11155611	11175855
CH322-36P16	CHORI-322	2L	14104046	14123626
CH322-36P17	CHORI-322	2R	14968150	14987346
CH322-36P20	CHORI-322	2L	7477307	7498796
CH322-36P21	CHORI-322	2R	5155338	5174669
CH322-36P22	CHORI-322	X	20235729	20256523
CH322-36P23	CHORI-322	3R	16874779	16892608
CH322-37A01	CHORI-322	2L	3471653	3491260
CH322-37A02	CHORI-322	3R	1374617	1395594
CH322-37A04	CHORI-322	2L	8413104	8435279
CH322-37A05	CHORI-322	3L	9593674	9614038
CH322-37A07	CHORI-322	2R	9670969	9692315
CH322-37A08	CHORI-322	3R	442576	460581
CH322-37A10	CHORI-322	X	21081646	21101521
CH322-37A11	CHORI-322	3R	8870421	8890881
CH322-37A15	CHORI-322	3R	8870421	8890881
CH322-37A16	CHORI-322	2L	2010609	2033976
CH322-37A17	CHORI-322	2L	22624735	22644955
CH322-37A18	CHORI-322	3L	20050569	20068321
CH322-37A22	CHORI-322	3R	12399048	12419205
CH322-37B01	CHORI-322	2L	18934102	18955822
CH322-37B03	CHORI-322	2L	12349495	12370096
CH322-37B04	CHORI-322	3L	846775	868712
CH322-37B10	CHORI-322	2R	13943927	13963664
CH322-37B11	CHORI-322	3L	7691100	7712459
CH322-37B17	CHORI-322	2R	7542467	7563134
CH322-37B18	CHORI-322	2L	3550135	3569442
CH322-37B21	CHORI-322	3R	1095419	1114102
CH322-37B22	CHORI-322	2L	13510828	13532637
CH322-37B23	CHORI-322	2L	5483672	5505951
CH322-37B24	CHORI-322	2L	17267260	17289353
CH322-37C01	CHORI-322	3R	7867199	7887202
CH322-37C04	CHORI-322	3R	5296448	5316289
CH322-37C14	CHORI-322	2L	10101165	10122395
CH322-37C18	CHORI-322	4	398494	418766
CH322-37C23	CHORI-322	3R	14668415	14686520
CH322-37C24	CHORI-322	3R	12623529	12642311
CH322-37D01	CHORI-322	2R	20355751	20380312

CH322-37D02	CHORI-322	2L	7855633	7876768
CH322-37D07	CHORI-322	3L	12294877	12315010
CH322-37D08	CHORI-322	2R	14979973	15001162
CH322-37D09	CHORI-322	X	21150255	21170253
CH322-37D10	CHORI-322	X	1210459	1228992
CH322-37D12	CHORI-322	X	14722344	14743332
CH322-37D13	CHORI-322	X	17408414	17428157
CH322-37D17	CHORI-322	3L	9407395	9429722
CH322-37D18	CHORI-322	3R	12776198	12798860
CH322-37D22	CHORI-322	2R	1583520	1607365
CH322-37E16	CHORI-322	X	16487854	16509520
CH322-37E18	CHORI-322	3R	26776880	26795741
CH322-37F01	CHORI-322	3L	8999002	9018281
CH322-37F08	CHORI-322	3L	13032550	13054403
CH322-37F17	CHORI-322	X	1678998	1700402
CH322-37F18	CHORI-322	2L	10400166	10418082
CH322-37F20	CHORI-322	3L	21496350	21518669
CH322-37F21	CHORI-322	2R	2925239	2946697
CH322-37F22	CHORI-322	3L	2904569	2924500
CH322-37G01	CHORI-322	X	8468915	8489067
CH322-37G02	CHORI-322	X	9805224	9823752
CH322-37G21	CHORI-322	2L	12042573	12062652
CH322-37H01	CHORI-322	X	13792539	13812054
CH322-37H02	CHORI-322	2R	18639001	18660566
CH322-37H17	CHORI-322	3R	1225681	1246440
CH322-37H20	CHORI-322	3R	6689699	6711309
CH322-37I02	CHORI-322	2L	8325908	8347209
CH322-37I10	CHORI-322	2L	12314123	12333834
CH322-37I13	CHORI-322	3L	14375090	14398253
CH322-37I19	CHORI-322	3R	4186737	4206845
CH322-37J01	CHORI-322	3LHet	2000132	2020626
CH322-37J04	CHORI-322	3R	4221412	4243329
CH322-37J07	CHORI-322	X	18010180	18029474
CH322-37K06	CHORI-322	3R	20960545	20983117
CH322-37K12	CHORI-322	2L	7163301	7183946
CH322-37K13	CHORI-322	4	863357	882827
CH322-37L01	CHORI-322	2L	17534689	17554666
CH322-37L15	CHORI-322	3R	8384810	8402594
CH322-37M08	CHORI-322	3L	24345148	24366747
CH322-37M13	CHORI-322	X	20851825	20869698
CH322-37M15	CHORI-322	3R	3683634	3705761
CH322-37M22	CHORI-322	3L	20048773	20068066
CH322-37M23	CHORI-322	3R	15397527	15416724
CH322-37M24	CHORI-322	2R	14355510	14374240
CH322-37N02	CHORI-322	2R	17688307	17710406
CH322-37N11	CHORI-322	X	15116897	15138065
CH322-37N16	CHORI-322	2L	19339963	19359000
CH322-37N18	CHORI-322	2L	422255	440772
CH322-37N22	CHORI-322	2R	7084335	7106092
CH322-37N23	CHORI-322	2R	11051474	11072631
CH322-37O01	CHORI-322	3R	17161120	17180001
CH322-37O02	CHORI-322	2L	14706258	14725526
CH322-37O06	CHORI-322	3L	9540709	9559685
CH322-37O15	CHORI-322	3R	26553530	26572922

CH322-37O23	CHORI-322	X	19007397	19030769
CH322-37O24	CHORI-322	2L	12861151	12883826
CH322-37P01	CHORI-322	3R	6839475	6861043
CH322-37P02	CHORI-322	2R	8499384	8521321
CH322-37P03	CHORI-322	2L	18875006	18895362
CH322-37P04	CHORI-322	3L	21681793	21701100
CH322-37P05	CHORI-322	X	16929067	16950013
CH322-37P06	CHORI-322	3L	17236853	17255674
CH322-37P10	CHORI-322	3R	1618169	1638227
CH322-37P15	CHORI-322	X	18021794	18042597
CH322-37P21	CHORI-322	2L	18909678	18931766
CH322-37P23	CHORI-322	3L	3953343	3974837
CH322-38A01	CHORI-322	3R	22543993	22565080
CH322-38A02	CHORI-322	3R	6235855	6256265
CH322-38A03	CHORI-322	2L	8299028	8320791
CH322-38A05	CHORI-322	2L	13174536	13194871
CH322-38A06	CHORI-322	3L	12645785	12666658
CH322-38A07	CHORI-322	2R	1994087	2016854
CH322-38A09	CHORI-322	3R	17540612	17561133
CH322-38A11	CHORI-322	3R	27198835	27218006
CH322-38A12	CHORI-322	X	11830041	11853147
CH322-38A15	CHORI-322	2L	18405424	18426347
CH322-38A16	CHORI-322	2R	20304916	20327748
CH322-38A17	CHORI-322	3R	24988339	25010070
CH322-38A18	CHORI-322	2L	20237858	20260270
CH322-38A22	CHORI-322	4	283239	303199
CH322-38A23	CHORI-322	2L	10129057	10147658
CH322-38A24	CHORI-322	2R	10580292	10599874
CH322-38B02	CHORI-322	2L	917675	936690
CH322-38B04	CHORI-322	X	10355150	10375671
CH322-38B09	CHORI-322	2L	18135927	18157283
CH322-38B10	CHORI-322	2R	6744186	6766655
CH322-38B12	CHORI-322	3R	25261831	25281441
CH322-38B15	CHORI-322	4	65560 88978	
CH322-38B18	CHORI-322	2R	18379111	18399277
CH322-38B19	CHORI-322	3L	21450061	21469321
CH322-38B20	CHORI-322	3L	10394078	10412902
CH322-38B21	CHORI-322	3R	10433615	10457005
CH322-38B22	CHORI-322	3R	20809686	20829415
CH322-38B23	CHORI-322	3R	18099295	18119981
CH322-38B24	CHORI-322	3R	20284556	20305001
CH322-38C01	CHORI-322	3R	2507056	2527046
CH322-38C02	CHORI-322	3L	1067142	1086370
CH322-38C03	CHORI-322	3R	24409431	24429943
CH322-38C05	CHORI-322	2L	7901744	7924247
CH322-38C06	CHORI-322	3R	25659329	25676861
CH322-38C12	CHORI-322	2L	17047472	17068022
CH322-38C13	CHORI-322	3R	19508843	19529363
CH322-38C14	CHORI-322	X	10510579	10529147
CH322-38C21	CHORI-322	3R	7130379	7151864
CH322-38C23	CHORI-322	2R	4185719	4204664
CH322-38C24	CHORI-322	3R	7543093	7565706
CH322-38D01	CHORI-322	3L	10217345	10237706
CH322-38D06	CHORI-322	X	15754348	15775172

CH322-38D15	CHORI-322	3L	3155387	3177218
CH322-38D16	CHORI-322	X	19392015	19414900
CH322-38D18	CHORI-322	X	8704779	8726056
CH322-38D21	CHORI-322	2L	9654263	9674908
CH322-38D22	CHORI-322	3L	2758379	2780566
CH322-38D23	CHORI-322	3L	2144674	2163996
CH322-38E05	CHORI-322	3R	25348770	25369958
CH322-38E08	CHORI-322	3R	27267620	27290394
CH322-38E13	CHORI-322	2R	5628626	5649015
CH322-38E23	CHORI-322	2R	15936042	15955437
CH322-38E24	CHORI-322	X	3381860	3401999
CH322-38F01	CHORI-322	2L	7140992	7161779
CH322-38F02	CHORI-322	3R	15819748	15841777
CH322-38F05	CHORI-322	3RHet	836935	860939
CH322-38F08	CHORI-322	3L	5152738	5169790
CH322-38F12	CHORI-322	X	762556	785670
CH322-38F13	CHORI-322	X	7548710	7569045
CH322-38F24	CHORI-322	2L	5886940	5906380
CH322-38G01	CHORI-322	3R	2217608	2237429
CH322-38G02	CHORI-322	3R	5848980	5870856
CH322-38G06	CHORI-322	2R	2506723	2528706
CH322-38G09	CHORI-322	3L	18395199	18414190
CH322-38G10	CHORI-322	2R	14817524	14836315
CH322-38G12	CHORI-322	2R	10116976	10138408
CH322-38G19	CHORI-322	3R	24703387	24727388
CH322-38G23	CHORI-322	3L	6271508	6291081
CH322-38H01	CHORI-322	3L	19840123	19859255
CH322-38H02	CHORI-322	3L	22467911	22489086
CH322-38H04	CHORI-322	2L	10617486	10640062
CH322-38H11	CHORI-322	3R	5368254	5389882
CH322-38H17	CHORI-322	2L	5786530	5805454
CH322-38H22	CHORI-322	2R	3054582	3074737
CH322-38I01	CHORI-322	3L	3615923	3634236
CH322-38I18	CHORI-322	2R	20910010	20929785
CH322-38I21	CHORI-322	2R	17740268	17761738
CH322-38J14	CHORI-322	2R	4754805	4779027
CH322-38K01	CHORI-322	3R	13158824	13179252
CH322-38K03	CHORI-322	2R	6729679	6748763
CH322-38K10	CHORI-322	2L	9373645	9392875
CH322-38K12	CHORI-322	2R	8618849	8639689
CH322-38K13	CHORI-322	3R	7164644	7188524
CH322-38L01	CHORI-322	3R	25535067	25554399
CH322-38L02	CHORI-322	X	18249986	18269899
CH322-38L03	CHORI-322	X	14652091	14671292
CH322-38L06	CHORI-322	2R	5589491	5608545
CH322-38L14	CHORI-322	3R	23796576	23816435
CH322-38L15	CHORI-322	2L	14368017	14389545
CH322-38M01	CHORI-322	3R	4006979	4026857
CH322-38M02	CHORI-322	2L	22568483	22588945
CH322-38M10	CHORI-322	2L	11591498	11610246
CH322-38M11	CHORI-322	2R	6732153	6750416
CH322-38M13	CHORI-322	X	4080316	4101564
CH322-38M17	CHORI-322	3R	4314612	4335784
CH322-38M19	CHORI-322	3R	14810201	14829411

CH322-38M22	CHORI-322	X	17276292	17296277
CH322-38M24	CHORI-322	3L	6486572	6506572
CH322-38N02	CHORI-322	X	17156445	17178127
CH322-38N03	CHORI-322	3R	26038313	26060184
CH322-38N11	CHORI-322	3L	9422239	9443421
CH322-38N13	CHORI-322	2R	17451829	17474623
CH322-38N14	CHORI-322	2R	18114679	18132023
CH322-38N18	CHORI-322	2R	4931921	4954638
CH322-38N19	CHORI-322	2R	3720566	3742443
CH322-38N20	CHORI-322	2R	19194171	19213435
CH322-38N22	CHORI-322	3L	1713931	1736992
CH322-38N23	CHORI-322	X	18925220	18947994
CH322-38O01	CHORI-322	3R	13637275	13657228
CH322-38O02	CHORI-322	X	5486965	5506592
CH322-38O03	CHORI-322	2L	17322563	17340063
CH322-38O05	CHORI-322	2L	21952769	21972731
CH322-38O06	CHORI-322	2L	16569940	16589580
CH322-38O13	CHORI-322	3R	20113295	20136625
CH322-38O14	CHORI-322	2L	19042166	19061885
CH322-38O15	CHORI-322	2R	14473357	14492103
CH322-38O16	CHORI-322	3R	5262367	5281664
CH322-38O23	CHORI-322	2L	11402727	11424596
CH322-38O24	CHORI-322	2R	13495490	13516570
CH322-38P01	CHORI-322	3L	18106348	18125420
CH322-38P02	CHORI-322	2R	5310286	5330531
CH322-38P05	CHORI-322	3L	3580709	3599191
CH322-38P07	CHORI-322	2L	12060952	12083233
CH322-38P17	CHORI-322	3L	6244781	6266182
CH322-38P24	CHORI-322	2L	16574329	16594823
CH322-39A01	CHORI-322	3R	27070577	27089352
CH322-39A02	CHORI-322	3L	5937272	5956775
CH322-39A07	CHORI-322	3R	7003379	7024467
CH322-39A09	CHORI-322	2R	14373047	14391930
CH322-39A12	CHORI-322	3R	23972786	23992091
CH322-39A15	CHORI-322	2R	12713356	12734019
CH322-39A19	CHORI-322	3L	4600327	4621543
CH322-39A21	CHORI-322	2RHet	2795075	2816790
CH322-39A22	CHORI-322	3L	4792429	4813401
CH322-39A24	CHORI-322	X	13742958	13763825
CH322-39B01	CHORI-322	3L	1440564	1462563
CH322-39B04	CHORI-322	2R	11602010	11624027
CH322-39B11	CHORI-322	2R	16400361	16419580
CH322-39B16	CHORI-322	2R	15765866	15787336
CH322-39B20	CHORI-322	2L	20701283	20722190
CH322-39B21	CHORI-322	X	2133144	2155990
CH322-39B24	CHORI-322	3L	5373973	5393383
CH322-39C03	CHORI-322	3R	9981288	10003837
CH322-39C05	CHORI-322	3L	20014625	20038641
CH322-39C12	CHORI-322	3R	13480039	13502408
CH322-39C15	CHORI-322	3L	3787047	3808720
CH322-39C17	CHORI-322	2R	5110232	5129911
CH322-39C18	CHORI-322	3L	11700520	11721774
CH322-39C22	CHORI-322	X	8333923	8353431
CH322-39C23	CHORI-322	3R	27567724	27591912

CH322-39D01	CHORI-322	2R	4851372	4874106
CH322-39D02	CHORI-322	3L	10773477	10795194
CH322-39D06	CHORI-322	3L	21088427	21108022
CH322-39D08	CHORI-322	2L	2399554	2422272
CH322-39D15	CHORI-322	3R	444906	464226
CH322-39D16	CHORI-322	3R	1762639	1782487
CH322-39D17	CHORI-322	3R	26435266	26455679
CH322-39D18	CHORI-322	3L	18548432	18568481
CH322-39D22	CHORI-322	3R	26233435	26253551
CH322-39E01	CHORI-322	3L	1057138	1080155
CH322-39E02	CHORI-322	3L	7155447	7176880
CH322-39E08	CHORI-322	3R	16033819	16053467
CH322-39E20	CHORI-322	X	7131723	7149688
CH322-39E23	CHORI-322	3L	6497310	6520120
CH322-39E24	CHORI-322	2L	8961020	8981736
CH322-39F02	CHORI-322	3R	12418126	12437570
CH322-39F04	CHORI-322	3R	9090849	9110941
CH322-39F16	CHORI-322	2L	1590168	1612853
CH322-39F21	CHORI-322	3L	7392619	7411425
CH322-39G12	CHORI-322	4	1104288	1123397
CH322-39G16	CHORI-322	2L	2675644	2696477
CH322-39G20	CHORI-322	3R	18272770	18296534
CH322-39H01	CHORI-322	2R	15396376	15415805
CH322-39H03	CHORI-322	2L	7553147	7573141
CH322-39H04	CHORI-322	2R	15546063	15568752
CH322-39H11	CHORI-322	2L	6673952	6694156
CH322-39H21	CHORI-322	2L	11626881	11647793
CH322-39I02	CHORI-322	2L	13723195	13743456
CH322-39I03	CHORI-322	3L	17872862	17894507
CH322-39I10	CHORI-322	X	8180204	8200356
CH322-39I11	CHORI-322	3R	13043344	13064664
CH322-39I12	CHORI-322	2R	4163949	4182362
CH322-39I16	CHORI-322	2L	14492548	14512506
CH322-39I18	CHORI-322	2L	15628176	15648300
CH322-39I19	CHORI-322	2L	6886673	6904312
CH322-39J04	CHORI-322	2L	817877	839898
CH322-39J06	CHORI-322	3L	16299181	16318818
CH322-39J09	CHORI-322	3L	12736671	12755156
CH322-39J11	CHORI-322	3R	20982831	21004023
CH322-39J14	CHORI-322	2R	17858767	17881761
CH322-39K04	CHORI-322	2L	17719112	17742851
CH322-39K11	CHORI-322	2L	17341717	17362523
CH322-39K12	CHORI-322	3L	10455438	10477335
CH322-39K15	CHORI-322	ArmU	2065689	2086189
CH322-39L01	CHORI-322	2L	22432150	22453051
CH322-39L03	CHORI-322	3L	19210265	19230401
CH322-39L07	CHORI-322	3R	7347478	7370450
CH322-39L08	CHORI-322	2L	3080121	3101937
CH322-39L14	CHORI-322	3R	726188	745495
CH322-39L18	CHORI-322	3L	15044214	15065892
CH322-39M01	CHORI-322	3L	13719893	13738053
CH322-39M02	CHORI-322	X	22196400	22219886
CH322-39M08	CHORI-322	2L	20799256	20819576
CH322-39M12	CHORI-322	X	14595430	14614961

CH322-39M16	CHORI-322	3L	16896943	16915143
CH322-39M19	CHORI-322	3L	22154623	22176902
CH322-39M20	CHORI-322	3R	13489306	13512456
CH322-39M22	CHORI-322	2R	11493737	11514920
CH322-39M24	CHORI-322	2L	13306964	13327708
CH322-39N02	CHORI-322	X	8003849	8023750
CH322-39N07	CHORI-322	2L	4230505	4250271
CH322-39N08	CHORI-322	3L	5831043	5849745
CH322-39N13	CHORI-322	X	15759660	15779579
CH322-39N15	CHORI-322	3R	27454357	27476783
CH322-39N16	CHORI-322	2L	17556498	17575818
CH322-39N21	CHORI-322	3R	9063066	9082683
CH322-39N22	CHORI-322	X	10489428	10510918
CH322-39O11	CHORI-322	X	21103628	21123500
CH322-39O12	CHORI-322	X	4286710	4308706
CH322-39O14	CHORI-322	3R	12001583	12024714
CH322-39O15	CHORI-322	3L	7283554	7302742
CH322-39O17	CHORI-322	X	9324367	9345243
CH322-39P03	CHORI-322	3R	3169638	3189865
CH322-39P05	CHORI-322	3R	15361766	15380582
CH322-39P12	CHORI-322	2L	22849534	22871418
CH322-39P14	CHORI-322	3R	5901328	5919122
CH322-39P16	CHORI-322	X	10051173	10071722
CH322-39P21	CHORI-322	3R	27565522	27588571
CH322-39P22	CHORI-322	3R	10353380	10374678
CH322-40A01	CHORI-322	3R	8454038	8478080
CH322-40A03	CHORI-322	X	12929490	12947690
CH322-40A04	CHORI-322	3L	19487139	19508438
CH322-40A05	CHORI-322	3L	9505562	9523658
CH322-40A08	CHORI-322	2L	1251657	1273588
CH322-40A09	CHORI-322	2L	67816	86079
CH322-40A10	CHORI-322	2R	2646919	2667312
CH322-40A12	CHORI-322	X	9161997	9181791
CH322-40A14	CHORI-322	3L	16874032	16892141
CH322-40A15	CHORI-322	2R	7602718	7619606
CH322-40A16	CHORI-322	2RHet	707909	727456
CH322-40A17	CHORI-322	2L	10257792	10276387
CH322-40A18	CHORI-322	3R	26158019	26181079
CH322-40A21	CHORI-322	2R	6951202	6972303
CH322-40A22	CHORI-322	3L	4027782	4046123
CH322-40A23	CHORI-322	2L	12465357	12484713
CH322-40A24	CHORI-322	3R	21568311	21588136
CH322-40B01	CHORI-322	2R	11729132	11746832
CH322-40B03	CHORI-322	3R	15032286	15053519
CH322-40B05	CHORI-322	3R	23255051	23274350
CH322-40B06	CHORI-322	2R	17425378	17443570
CH322-40B11	CHORI-322	X	4814480	4834241
CH322-40B12	CHORI-322	2L	1052122	1073068
CH322-40B13	CHORI-322	2R	18991690	19012413
CH322-40B15	CHORI-322	3R	7111479	7131837
CH322-40B19	CHORI-322	3L	13582820	13603161
CH322-40B21	CHORI-322	3R	14987037	15003930
CH322-40B22	CHORI-322	3L	23053347	23073766
CH322-40B23	CHORI-322	3L	9307930	9329918

CH322-40B24	CHORI-322	3R	15800406	15823888
CH322-40C01	CHORI-322	2L	19494759	19514760
CH322-40C02	CHORI-322	X	10948026	10968135
CH322-40C03	CHORI-322	3R	3648789	3669204
CH322-40C05	CHORI-322	2R	17263758	17286386
CH322-40C06	CHORI-322	3R	24311366	24329247
CH322-40C08	CHORI-322	2R	2053220	2071371
CH322-40C11	CHORI-322	2R	10326055	10346098
CH322-40C13	CHORI-322	3R	18456779	18475517
CH322-40C14	CHORI-322	2R	19732476	19753379
CH322-40C15	CHORI-322	2R	7663406	7681665
CH322-40C17	CHORI-322	3R	3123525	3143771
CH322-40C21	CHORI-322	2R	13427599	13450544
CH322-40D03	CHORI-322	3L	1063550	1082671
CH322-40D06	CHORI-322	2L	13673808	13694801
CH322-40D07	CHORI-322	2L	19494759	19514760
CH322-40D08	CHORI-322	X	7324129	7346930
CH322-40D09	CHORI-322	3R	3648789	3669204
CH322-40D10	CHORI-322	3L	2545785	2566312
CH322-40D12	CHORI-322	2R	1003991	1023792
CH322-40D13	CHORI-322	3R	3123532	3143771
CH322-40D14	CHORI-322	3R	7404490	7422783
CH322-40D17	CHORI-322	2L	6631867	6655871
CH322-40D18	CHORI-322	2R	12759059	12777950
CH322-40D23	CHORI-322	2L	15760506	15781166
CH322-40E05	CHORI-322	3L	4939310	4957087
CH322-40E10	CHORI-322	3R	11623116	11645593
CH322-40E12	CHORI-322	X	9905575	9926682
CH322-40E13	CHORI-322	X	2951274	2968094
CH322-40E15	CHORI-322	2L	1285900	1303709
CH322-40E16	CHORI-322	2L	12009863	12031309
CH322-40E22	CHORI-322	X	16664575	16684159
CH322-40E24	CHORI-322	2L	14817250	14836898
CH322-40F03	CHORI-322	X	4927594	4947383
CH322-40F12	CHORI-322	2L	4234616	4255101
CH322-40F17	CHORI-322	2R	9642058	9660998
CH322-40F24	CHORI-322	X	9905575	9926682
CH322-40G03	CHORI-322	3L	12280698	12303363
CH322-40G13	CHORI-322	3L	3935697	3955470
CH322-40G14	CHORI-322	3R	2052482	2072942
CH322-40G16	CHORI-322	3L	10021614	10041978
CH322-40G17	CHORI-322	2L	17716155	17739541
CH322-40G23	CHORI-322	2L	7579189	7600894
CH322-40H02	CHORI-322	2L	15390138	15411080
CH322-40H05	CHORI-322	3L	12587575	12610239
CH322-40H07	CHORI-322	X	7521707	7539350
CH322-40H08	CHORI-322	2L	7126008	7149184
CH322-40H18	CHORI-322	2L	15382687	15403102
CH322-40H24	CHORI-322	3L	1861112	1880039
CH322-40I07	CHORI-322	X	19002852	19024448
CH322-40I08	CHORI-322	3L	18844200	18861643
CH322-40I13	CHORI-322	X	4308215	4330439
CH322-40I14	CHORI-322	2R	6412030	6431815
CH322-40I15	CHORI-322	3R	22166630	22187162

CH322-40J01	CHORI-322	2L	4423987	4444944
CH322-40J04	CHORI-322	X	16386161	16407094
CH322-40J12	CHORI-322	3R	16346986	16365811
CH322-40J14	CHORI-322	3R	12724252	12747087
CH322-40K01	CHORI-322	3L	1078990	1100685
CH322-40K02	CHORI-322	2L	2302157	2321926
CH322-40K03	CHORI-322	3R	2812727	2830089
CH322-40K04	CHORI-322	3R	24124956	24145629
CH322-40K05	CHORI-322	2L	5923086	5944850
CH322-40K10	CHORI-322	X	12750849	12772801
CH322-40K11	CHORI-322	X	3236479	3257761
CH322-40K12	CHORI-322	3L	3617779	3640900
CH322-40K13	CHORI-322	2R	17487429	17508332
CH322-40K14	CHORI-322	3R	15386330	15403441
CH322-40K21	CHORI-322	3L	8636367	8657184
CH322-40K24	CHORI-322	3R	23794249	23814070
CH322-40L01	CHORI-322	3L	17269189	17286354
CH322-40L04	CHORI-322	3R	23794249	23814070
CH322-40L12	CHORI-322	3L	19336249	19356579
CH322-40L13	CHORI-322	2L	22874644	22894050
CH322-40L21	CHORI-322	3R	10927506	10948751
CH322-40L24	CHORI-322	2L	1063881	1084136
CH322-40M01	CHORI-322	2L	16379072	16398359
CH322-40M02	CHORI-322	3R	19778387	19800429
CH322-40M05	CHORI-322	3L	18335573	18356112
CH322-40M06	CHORI-322	2R	10881246	10902843
CH322-40M07	CHORI-322	X	18351832	18375088
CH322-40M08	CHORI-322	2R	9672511	9691993
CH322-40M09	CHORI-322	2R	14603046	14623806
CH322-40M12	CHORI-322	2L	10257792	10276387
CH322-40M13	CHORI-322	3R	15132863	15152885
CH322-40M14	CHORI-322	3L	17915695	17935423
CH322-40M15	CHORI-322	2R	16326338	16347516
CH322-40M16	CHORI-322	3R	12489388	12511320
CH322-40M17	CHORI-322	2R	5186455	5207752
CH322-40M23	CHORI-322	3L	998426	1018912
CH322-40N01	CHORI-322	2L	3169730	3193074
CH322-40N02	CHORI-322	3L	3846181	3866334
CH322-40N04	CHORI-322	2L	1429893	1452004
CH322-40N06	CHORI-322	2R	14513249	14536450
CH322-40N09	CHORI-322	3R	22993157	23015820
CH322-40N13	CHORI-322	3L	7631486	7653715
CH322-40N17	CHORI-322	3L	22917570	22935763
CH322-40N19	CHORI-322	3R	21190490	21208127
CH322-40N24	CHORI-322	3R	10876366	10898663
CH322-40O01	CHORI-322	2L	13221061	13239120
CH322-40O03	CHORI-322	2L	14450834	14469302
CH322-40O06	CHORI-322	2L	12169022	12189411
CH322-40O09	CHORI-322	2R	12056388	12077590
CH322-40O15	CHORI-322	X	11407738	11424935
CH322-40O18	CHORI-322	2R	17686583	17707100
CH322-40O19	CHORI-322	2L	18538704	18559201
CH322-40P01	CHORI-322	3R	8831441	8855593
CH322-40P03	CHORI-322	2R	18264170	18285738

CH322-40P04	CHORI-322	2L	19871388	19891417
CH322-40P05	CHORI-322	2L	5668786	5688859
CH322-40P06	CHORI-322	3R	5706901	5724903
CH322-40P09	CHORI-322	2L	8444955	8465656
CH322-40P10	CHORI-322	2L	5713130	5736278
CH322-40P11	CHORI-322	X	10723653	10743672
CH322-40P13	CHORI-322	3R	26580144	26601048
CH322-40P15	CHORI-322	2L	13077744	13095056
CH322-40P18	CHORI-322	3L	12731821	12752011
CH322-40P21	CHORI-322	3L	1922359	1943535
CH322-40P23	CHORI-322	X	20717407	20735570
CH322-40P24	CHORI-322	2R	13216607	13237319
CH322-41A04	CHORI-322	2R	4524734	4545076
CH322-41A05	CHORI-322	2L	10821614	10843813
CH322-41A06	CHORI-322	3R	14351388	14369773
CH322-41A07	CHORI-322	3R	26218025	26239267
CH322-41A08	CHORI-322	2L	536031	555785
CH322-41A12	CHORI-322	X	10683264	10704881
CH322-41A15	CHORI-322	2L	6308652	6330710
CH322-41A16	CHORI-322	3R	8699564	8717854
CH322-41A17	CHORI-322	3R	14686517	14706266
CH322-41A22	CHORI-322	3R	25856439	25878736
CH322-41B03	CHORI-322	3R	7887984	7908155
CH322-41B04	CHORI-322	3R	12305669	12328204
CH322-41B05	CHORI-322	3L	20811334	20829789
CH322-41B09	CHORI-322	2L	14481111	14502133
CH322-41B13	CHORI-322	2L	8627296	8650369
CH322-41B14	CHORI-322	2R	9861966	9882932
CH322-41B17	CHORI-322	2R	11609470	11628412
CH322-41B18	CHORI-322	3R	4792754	4812726
CH322-41B20	CHORI-322	3R	24973569	24995778
CH322-41B23	CHORI-322	3R	11376034	11395324
CH322-41C01	CHORI-322	X	1222172	1241255
CH322-41C02	CHORI-322	2L	12891952	12915173
CH322-41C03	CHORI-322	2R	15414646	15436737
CH322-41C04	CHORI-322	X	9110083	9130954
CH322-41C06	CHORI-322	2L	10104212	10125167
CH322-41C07	CHORI-322	3R	14812147	14829726
CH322-41C10	CHORI-322	2R	3922404	3942196
CH322-41C14	CHORI-322	X	15058217	15079578
CH322-41C18	CHORI-322	X	18075550	18096039
CH322-41C22	CHORI-322	3L	12421695	12441080
CH322-41D01	CHORI-322	3R	21854677	21878208
CH322-41D03	CHORI-322	2L	12612141	12630004
CH322-41D11	CHORI-322	3R	9710469	9729822
CH322-41D22	CHORI-322	3L	8830261	8854124
CH322-41E01	CHORI-322	2L	20984423	21002537
CH322-41E02	CHORI-322	3L	16299086	16321363
CH322-41E03	CHORI-322	3L	4996293	5019515
CH322-41E05	CHORI-322	2L	11230648	11252915
CH322-41E07	CHORI-322	3R	13488625	13510345
CH322-41E08	CHORI-322	3L	2755835	2775455
CH322-41E09	CHORI-322	3L	13096862	13120094
CH322-41E10	CHORI-322	3R	23268710	23290741

CH322-41E11	CHORI-322	4	249853	268321
CH322-41E13	CHORI-322	3L	18225153	18245417
CH322-41E17	CHORI-322	3L	11435783	11454917
CH322-41E18	CHORI-322	3L	15354484	15376522
CH322-41E21	CHORI-322	3R	26787497	26806241
CH322-41E22	CHORI-322	3L	13248601	13269523
CH322-41F02	CHORI-322	2L	8332459	8351920
CH322-41F04	CHORI-322	3R	14118924	14138076
CH322-41F05	CHORI-322	X	7675296	7695076
CH322-41F06	CHORI-322	3R	2037513	2058931
CH322-41F09	CHORI-322	3L	7033906	7052555
CH322-41F13	CHORI-322	2R	20407875	20430408
CH322-41F15	CHORI-322	2L	9367781	9390942
CH322-41F21	CHORI-322	X	20882176	20901538
CH322-41G01	CHORI-322	3L	4652129	4670986
CH322-41G02	CHORI-322	X	10911213	10931592
CH322-41G04	CHORI-322	3L	8070567	8090436
CH322-41G05	CHORI-322	X	1490172	1509426
CH322-41G06	CHORI-322	3L	221226	242254
CH322-41G07	CHORI-322	3R	3951162	3972086
CH322-41G08	CHORI-322	2R	18906443	18925460
CH322-41G09	CHORI-322	2L	2210964	2232287
CH322-41G10	CHORI-322	2R	4081008	4103451
CH322-41G11	CHORI-322	3L	14098016	14117437
CH322-41G12	CHORI-322	3L	21521101	21543722
CH322-41G14	CHORI-322	X	4631029	4651980
CH322-41G16	CHORI-322	2L	385097	404991
CH322-41G18	CHORI-322	2R	9410271	9429724
CH322-41G19	CHORI-322	3R	14618021	14640224
CH322-41G20	CHORI-322	2L	10557191	10576823
CH322-41G21	CHORI-322	2L	2041321	2061696
CH322-41G22	CHORI-322	3R	656173	675038
CH322-41H06	CHORI-322	3L	13890611	13911005
CH322-41H09	CHORI-322	3L	6352841	6374369
CH322-41I02	CHORI-322	3L	20801359	20821077
CH322-41I03	CHORI-322	3L	15595699	15614708
CH322-41I04	CHORI-322	2L	11384492	11405040
CH322-41I05	CHORI-322	2L	13179017	13198896
CH322-41I06	CHORI-322	2R	1002211	1021234
CH322-41I07	CHORI-322	2R	8004257	8024454
CH322-41I08	CHORI-322	2R	3146083	3168657
CH322-41I10	CHORI-322	2R	20683043	20702803
CH322-41I11	CHORI-322	2L	2625391	2646151
CH322-41I14	CHORI-322	3R	26757789	26781262
CH322-41I15	CHORI-322	2L	18729736	18747329
CH322-41I17	CHORI-322	3L	4071092	4091911
CH322-41I18	CHORI-322	X	420270	440634
CH322-41I20	CHORI-322	3R	22113318	22134244
CH322-41I21	CHORI-322	2R	11155576	11177780
CH322-41I22	CHORI-322	X	3742075	3761583
CH322-41J01	CHORI-322	3R	3801196	3822673
CH322-41J03	CHORI-322	X	9179197	9200345
CH322-41J04	CHORI-322	2R	6210703	6231587
CH322-41J05	CHORI-322	3L	10717167	10736127

CH322-41J11	CHORI-322	2L	4079751	4099219
CH322-41J13	CHORI-322	3L	22746342	22769444
CH322-41K05	CHORI-322	2L	4987426	5007616
CH322-41K08	CHORI-322	3R	3677523	3697560
CH322-41K09	CHORI-322	2L	21064354	21084080
CH322-41K10	CHORI-322	2L	20553537	20574012
CH322-41K14	CHORI-322	3L	18917131	18935443
CH322-41K17	CHORI-322	2L	3399807	3421231
CH322-41K20	CHORI-322	2L	2046618	2068128
CH322-41L01	CHORI-322	3R	3221127	3238903
CH322-41L13	CHORI-322	3R	23743041	23766748
CH322-41L14	CHORI-322	2L	2631799	2655031
CH322-41M02	CHORI-322	3LHet	1927270	1946293
CH322-41M03	CHORI-322	X	12701610	12722160
CH322-41M04	CHORI-322	2L	7754377	7774407
CH322-41M05	CHORI-322	2L	1882498	1905320
CH322-41M12	CHORI-322	4	392875	416441
CH322-41M13	CHORI-322	3R	20552447	20572972
CH322-41M14	CHORI-322	X	516586	538265
CH322-41M15	CHORI-322	3R	16290050	16309953
CH322-41M17	CHORI-322	2L	11972678	11992334
CH322-41M18	CHORI-322	3R	26040775	26063830
CH322-41M19	CHORI-322	2R	1536501	1556617
CH322-41M23	CHORI-322	2L	11475477	11495963
CH322-41N02	CHORI-322	3R	5724935	5745606
CH322-41N03	CHORI-322	2R	12057791	12078720
CH322-41N16	CHORI-322	2L	17886081	17905010
CH322-41N17	CHORI-322	3R	21792462	21813329
CH322-41N23	CHORI-322	X	17269144	17287829
CH322-41O01	CHORI-322	3R	1683217	1704452
CH322-41O04	CHORI-322	2L	2340994	2359743
CH322-41O05	CHORI-322	2L	16997668	17018376
CH322-41O06	CHORI-322	2RHet	74484	93213
CH322-41O10	CHORI-322	2L	18398653	18418722
CH322-41O14	CHORI-322	3R	21270736	21290553
CH322-41O17	CHORI-322	3L	18604302	18623330
CH322-41P01	CHORI-322	3R	16170186	16191976
CH322-41P02	CHORI-322	3L	3096404	3118157
CH322-41P03	CHORI-322	3R	10365415	10387628
CH322-41P04	CHORI-322	2L	22163143	22182449
CH322-41P18	CHORI-322	2R	12018234	12037704
CH322-41P22	CHORI-322	2L	20022080	20042505
CH322-41P23	CHORI-322	3R	10217830	10237949
CH322-41P24	CHORI-322	3R	11085764	11106359
CH322-42A02	CHORI-322	3L	15293310	15313552
CH322-42A03	CHORI-322	3R	21314566	21337086
CH322-42A04	CHORI-322	3R	16905550	16926353
CH322-42A05	CHORI-322	X	16600527	16623473
CH322-42A07	CHORI-322	2L	3391456	3413447
CH322-42A08	CHORI-322	X	3742075	3762770
CH322-42A09	CHORI-322	2R	6327062	6346399
CH322-42A11	CHORI-322	3L	15105774	15127589
CH322-42A12	CHORI-322	3R	621436	642578
CH322-42A13	CHORI-322	2L	6577083	6597474

CH322-42A14	CHORI-322	X	14204621	14225719
CH322-42A16	CHORI-322	2R	2630896	2651687
CH322-42A19	CHORI-322	2R	17354753	17373289
CH322-42A21	CHORI-322	3R	27002139	27021083
CH322-42A23	CHORI-322	3R	24757426	24781169
CH322-42B01	CHORI-322	3R	7515118	7537896
CH322-42B05	CHORI-322	2R	7213803	7233864
CH322-42B06	CHORI-322	2L	8782580	8803613
CH322-42B11	CHORI-322	3L	5420709	5441510
CH322-42B12	CHORI-322	2RHet	473621	495358
CH322-42B14	CHORI-322	2R	7850235	7872894
CH322-42B15	CHORI-322	X	3186479	3209014
CH322-42B20	CHORI-322	2R	9374502	9396028
CH322-42B23	CHORI-322	2L	878421	899679
CH322-42C01	CHORI-322	3L	13685759	13705328
CH322-42C02	CHORI-322	2L	14131786	14155812
CH322-42C05	CHORI-322	3R	8536331	8559428
CH322-42C07	CHORI-322	X	12886132	12907705
CH322-42C08	CHORI-322	3L	15021651	15042663
CH322-42C10	CHORI-322	2L	10428544	10446384
CH322-42C11	CHORI-322	3L	16291594	16310639
CH322-42C13	CHORI-322	2L	19016493	19037119
CH322-42C14	CHORI-322	3R	24750029	24771928
CH322-42C15	CHORI-322	X	9956316	9977304
CH322-42C18	CHORI-322	3R	7087788	7106137
CH322-42C22	CHORI-322	3L	10179769	10201080
CH322-42D01	CHORI-322	2RHet	120081	141451
CH322-42D02	CHORI-322	X	16156411	16177634
CH322-42D04	CHORI-322	3L	3738309	3759476
CH322-42D06	CHORI-322	3L	4370169	4387634
CH322-42D07	CHORI-322	2RHet	616467	635804
CH322-42D08	CHORI-322	3L	20810210	20829418
CH322-42D09	CHORI-322	3R	17730986	17750653
CH322-42D11	CHORI-322	3R	18199439	18219260
CH322-42D15	CHORI-322	3R	20716200	20735849
CH322-42D16	CHORI-322	3R	7989140	8009421
CH322-42D17	CHORI-322	2R	16736881	16757654
CH322-42D19	CHORI-322	3R	22733337	22753477
CH322-42D21	CHORI-322	2R	6242085	6264099
CH322-42E01	CHORI-322	2L	2242978	2263828
CH322-42E02	CHORI-322	3L	2195288	2213862
CH322-42E03	CHORI-322	3L	10656582	10675517
CH322-42E07	CHORI-322	2L	5465281	5484591
CH322-42E10	CHORI-322	3R	19958741	19978592
CH322-42E12	CHORI-322	2R	18386687	18406716
CH322-42E14	CHORI-322	4	1069841	1093131
CH322-42E16	CHORI-322	X	862579	884662
CH322-42E23	CHORI-322	2R	11100095	11122438
CH322-42F03	CHORI-322	2R	19628875	19650564
CH322-42F05	CHORI-322	2L	11043859	11062268
CH322-42F09	CHORI-322	3R	3006838	3027706
CH322-42F10	CHORI-322	4	408513	429264
CH322-42F14	CHORI-322	3R	9062935	9082683
CH322-42F15	CHORI-322	2L	14570790	14592501

CH322-42F17	CHORI-322	3R	18816919	18837823
CH322-42F21	CHORI-322	2L	10191310	10213088
CH322-42F23	CHORI-322	X	8190620	8207016
CH322-42F24	CHORI-322	3R	6743784	6763134
CH322-42G01	CHORI-322	2R	13368541	13389904
CH322-42G02	CHORI-322	X	12086583	12109734
CH322-42G06	CHORI-322	X	21107366	21128277
CH322-42G08	CHORI-322	3L	12271342	12293485
CH322-42G09	CHORI-322	3R	2479275	2498405
CH322-42G10	CHORI-322	X	8892311	8913549
CH322-42G12	CHORI-322	3L	23076921	23099351
CH322-42G13	CHORI-322	X	5180374	5204240
CH322-42G18	CHORI-322	3L	18914563	18935121
CH322-42G22	CHORI-322	2L	15971083	15993961
CH322-42G23	CHORI-322	X	990797	1012177
CH322-42G24	CHORI-322	2R	2923534	2943220
CH322-42H11	CHORI-322	3R	22863384	22882937
CH322-42H17	CHORI-322	3L	12946459	12966274
CH322-42H22	CHORI-322	2L	14430107	14453339
CH322-42H23	CHORI-322	2L	5622294	5643175
CH322-42I01	CHORI-322	2L	611624	631714
CH322-42I04	CHORI-322	3L	11726154	11744914
CH322-42I14	CHORI-322	2L	22684431	22703487
CH322-42I15	CHORI-322	3L	10997925	11016790
CH322-42I22	CHORI-322	2R	19097989	19119934
CH322-42I24	CHORI-322	3R	24148740	24171028
CH322-42J03	CHORI-322	X	8167718	8190623
CH322-42J04	CHORI-322	X	20134184	20155236
CH322-42J06	CHORI-322	X	6746334	6767426
CH322-42J07	CHORI-322	3L	4136168	4159873
CH322-42J08	CHORI-322	2L	3297070	3315855
CH322-42J19	CHORI-322	2L	16193259	16211975
CH322-42J24	CHORI-322	4	852795	872240
CH322-42K01	CHORI-322	3R	2260819	2283086
CH322-42K02	CHORI-322	3L	15713005	15732657
CH322-42K07	CHORI-322	2L	11755954	11774974
CH322-42K12	CHORI-322	2R	2482927	2504681
CH322-42K13	CHORI-322	3R	14514545	14538998
CH322-42K14	CHORI-322	3L	1692140	1712715
CH322-42K15	CHORI-322	3R	22156444	22176380
CH322-42K16	CHORI-322	3R	10514415	10533803
CH322-42K17	CHORI-322	X	15792787	15813622
CH322-42K20	CHORI-322	2L	22891317	22909488
CH322-42K21	CHORI-322	X	8586344	8605572
CH322-42L01	CHORI-322	2L	4209643	4230495
CH322-42L03	CHORI-322	X	12812400	12832397
CH322-42L08	CHORI-322	3R	4357156	4377529
CH322-42L12	CHORI-322	2R	10574621	10594289
CH322-42L13	CHORI-322	3R	6545119	6567563
CH322-42L14	CHORI-322	2L	19776758	19798016
CH322-42M02	CHORI-322	3R	19015044	19034929
CH322-42M11	CHORI-322	2L	21222827	21242821
CH322-42M13	CHORI-322	2L	200689	221328
CH322-42M14	CHORI-322	X	14016518	14034826

CH322-42M23	CHORI-322	3R	12878914	12901370
CH322-42N06	CHORI-322	3L	11982460	12005523
CH322-42N10	CHORI-322	2R	6362687	6384462
CH322-42N12	CHORI-322	2L	20237035	20258738
CH322-42N16	CHORI-322	2L	11971569	11992024
CH322-42N17	CHORI-322	2L	110459	129235
CH322-42N18	CHORI-322	2L	3801610	3822670
CH322-42O01	CHORI-322	3R	24240241	24263684
CH322-42O02	CHORI-322	3L	18823494	18842843
CH322-42O09	CHORI-322	3L	4636228	4656597
CH322-42O17	CHORI-322	X	10887434	10907316
CH322-42O18	CHORI-322	3R	12577494	12600395
CH322-42P01	CHORI-322	X	14233797	14254288
CH322-42P02	CHORI-322	2R	5958384	5980762
CH322-42P08	CHORI-322	3L	14228517	14248167
CH322-42P10	CHORI-322	X	11668120	11689124
CH322-42P11	CHORI-322	3L	10122892	10143061
CH322-42P20	CHORI-322	3L	20429962	20451958
CH322-42P22	CHORI-322	2L	6736917	6755512
CH322-42P24	CHORI-322	X	21982759	22003899
CH322-43A01	CHORI-322	2R	20663511	20684400
CH322-43A02	CHORI-322	3L	20870618	20890332
CH322-43A03	CHORI-322	3L	6776140	6798055
CH322-43A04	CHORI-322	3R	7997425	8019810
CH322-43A05	CHORI-322	3R	20429619	20450925
CH322-43A08	CHORI-322	2L	13066027	13086550
CH322-43A10	CHORI-322	3R	18334273	18354380
CH322-43A11	CHORI-322	2R	15379224	15398629
CH322-43A17	CHORI-322	2L	932041	951442
CH322-43A18	CHORI-322	3L	15721170	15742719
CH322-43A20	CHORI-322	3R	12601686	12622442
CH322-43A21	CHORI-322	3L	1723610	1742564
CH322-43A22	CHORI-322	3L	7035116	7054495
CH322-43A23	CHORI-322	2R	16371624	16392366
CH322-43A24	CHORI-322	2R	20292627	20317669
CH322-43B01	CHORI-322	3R	16234275	16252569
CH322-43B02	CHORI-322	3R	3106304	3126055
CH322-43B04	CHORI-322	3L	5566386	5587617
CH322-43B05	CHORI-322	X	6648630	6670033
CH322-43B06	CHORI-322	2L	17815583	17836322
CH322-43B07	CHORI-322	3L	11364526	11384229
CH322-43B10	CHORI-322	2R	6384459	6406722
CH322-43B12	CHORI-322	3R	7006697	7029163
CH322-43B16	CHORI-322	2L	17712458	17731471
CH322-43B18	CHORI-322	3R	22826174	22846876
CH322-43B20	CHORI-322	2R	3593112	3611065
CH322-43B22	CHORI-322	2R	13120538	13140121
CH322-43B23	CHORI-322	2L	3439212	3461666
CH322-43B24	CHORI-322	2L	7951370	7971789
CH322-43C01	CHORI-322	2R	15530815	15549622
CH322-43C02	CHORI-322	3L	5189168	5209950
CH322-43C03	CHORI-322	3R	6812050	6834340
CH322-43C05	CHORI-322	X	6762052	6785027
CH322-43C09	CHORI-322	3L	3672498	3694625

CH322-43C11	CHORI-322	3L	15605230	15625260
CH322-43C12	CHORI-322	3R	14274965	14297106
CH322-43C13	CHORI-322	3R	16169379	16190205
CH322-43C14	CHORI-322	3R	26383805	26401862
CH322-43C18	CHORI-322	3L	8062308	8083007
CH322-43C22	CHORI-322	3R	1736159	1755540
CH322-43C23	CHORI-322	3L	7329840	7352507
CH322-43D02	CHORI-322	2R	12905314	12929400
CH322-43D03	CHORI-322	2R	1996724	2016854
CH322-43D04	CHORI-322	ArmU	1330014	1350244
CH322-43D05	CHORI-322	3L	278436	299234
CH322-43D06	CHORI-322	2R	14812057	14831679
CH322-43D07	CHORI-322	2L	15142836	15166765
CH322-43D11	CHORI-322	3L	12251043	12271821
CH322-43D12	CHORI-322	2L	18756313	18775534
CH322-43D14	CHORI-322	3R	11899580	11922232
CH322-43D15	CHORI-322	2L	383974	408255
CH322-43D17	CHORI-322	X	10509226	10532695
CH322-43D18	CHORI-322	2L	9240428	9261567
CH322-43D20	CHORI-322	3R	6821642	6842537
CH322-43D21	CHORI-322	3R	17677423	17696901
CH322-43D22	CHORI-322	X	3827151	3850618
CH322-43D23	CHORI-322	3L	19652246	19672258
CH322-43D24	CHORI-322	3R	18137525	18159819
CH322-43E01	CHORI-322	3R	21863529	21882829
CH322-43E02	CHORI-322	2R	20797207	20818109
CH322-43E03	CHORI-322	X	4765752	4785294
CH322-43E07	CHORI-322	2R	671223	691810
CH322-43E08	CHORI-322	2R	12338163	12358429
CH322-43E13	CHORI-322	2L	22144024	22162955
CH322-43E14	CHORI-322	2R	10388271	10408656
CH322-43E18	CHORI-322	2L	13008670	13029263
CH322-43E19	CHORI-322	2RHet	1891404	1912763
CH322-43E21	CHORI-322	2L	19603108	19622913
CH322-43E23	CHORI-322	2R	10322043	10342196
CH322-43E24	CHORI-322	3R	22127965	22149687
CH322-43F02	CHORI-322	X	20704688	20726768
CH322-43F06	CHORI-322	2R	665870	687137
CH322-43F09	CHORI-322	3L	8708548	8727850
CH322-43F13	CHORI-322	3L	10560877	10580698
CH322-43F17	CHORI-322	3R	8379175	8399431
CH322-43F18	CHORI-322	2L	7359679	7380434
CH322-43F20	CHORI-322	2R	15278891	15298284
CH322-43F22	CHORI-322	2L	5049814	5071768
CH322-43F23	CHORI-322	3R	11985319	12005011
CH322-43G01	CHORI-322	X	12790429	12811908
CH322-43G02	CHORI-322	2L	18303068	18324257
CH322-43G04	CHORI-322	3R	21724625	21745587
CH322-43G05	CHORI-322	3L	13553724	13575634
CH322-43G06	CHORI-322	3R	13468048	13486796
CH322-43G07	CHORI-322	3L	2407235	2430620
CH322-43G12	CHORI-322	X	21837755	21856019
CH322-43G20	CHORI-322	2R	9097880	9113270
CH322-43G21	CHORI-322	3L	10706861	10728434

CH322-43G22	CHORI-322	3L	9225334	9244227
CH322-43H01	CHORI-322	3R	8591654	8612272
CH322-43H02	CHORI-322	3R	13425155	13447704
CH322-43H03	CHORI-322	2R	2731099	2751806
CH322-43H04	CHORI-322	X	18287321	18306707
CH322-43H05	CHORI-322	3R	9761697	9781078
CH322-43H07	CHORI-322	3L	7211989	7234470
CH322-43H10	CHORI-322	3R	13375104	13394459
CH322-43H11	CHORI-322	2R	11264483	11287046
CH322-43H14	CHORI-322	X	16916525	16936822
CH322-43H20	CHORI-322	2L	15198142	15220555
CH322-43H22	CHORI-322	2L	6896658	6917589
CH322-43H23	CHORI-322	2L	1637598	1657476
CH322-43H24	CHORI-322	3L	9160801	9180424
CH322-43I01	CHORI-322	3R	10185095	10205262
CH322-43I02	CHORI-322	2R	21090666	21110146
CH322-43I03	CHORI-322	3R	22078829	22098419
CH322-43I04	CHORI-322	2L	3804849	3821713
CH322-43I05	CHORI-322	2L	19272272	19293441
CH322-43I07	CHORI-322	3R	14131377	14152535
CH322-43I14	CHORI-322	3R	17234718	17254848
CH322-43I21	CHORI-322	2R	6245232	6264683
CH322-43I22	CHORI-322	2R	9214042	9235719
CH322-43I24	CHORI-322	X	9330345	9351800
CH322-43J02	CHORI-322	X	607797	627714
CH322-43J03	CHORI-322	3L	17130979	17150811
CH322-43J04	CHORI-322	3R	26476004	26498172
CH322-43J08	CHORI-322	2R	10564207	10583212
CH322-43J09	CHORI-322	3R	23941612	23963617
CH322-43J12	CHORI-322	2R	5191395	5210937
CH322-43J13	CHORI-322	2R	10581690	10602404
CH322-43J14	CHORI-322	3R	16231826	16252460
CH322-43J18	CHORI-322	2R	11387295	11407673
CH322-43J20	CHORI-322	2R	2911396	2934353
CH322-43J21	CHORI-322	3R	13186446	13208273
CH322-43J23	CHORI-322	3R	21602566	21626245
CH322-43J24	CHORI-322	X	5491305	5511430
CH322-43K01	CHORI-322	2L	6308553	6328521
CH322-43K02	CHORI-322	3R	25835140	25857992
CH322-43K03	CHORI-322	2R	11464540	11485840
CH322-43K10	CHORI-322	X	11830041	11852846
CH322-43K13	CHORI-322	2L	11373503	11395138
CH322-43K15	CHORI-322	2R	5963106	5984181
CH322-43K17	CHORI-322	X	17267377	17286819
CH322-43K21	CHORI-322	3L	20236502	20257272
CH322-43K22	CHORI-322	2L	6497529	6517220
CH322-43K23	CHORI-322	3L	22292101	22310487
CH322-43K24	CHORI-322	2R	17748376	17766772
CH322-43L02	CHORI-322	2R	644443	664669
CH322-43L04	CHORI-322	X	7946943	7966956
CH322-43L05	CHORI-322	3R	7088871	7109175
CH322-43L07	CHORI-322	2R	2511887	2535401
CH322-43L10	CHORI-322	3L	18243110	18260424
CH322-43L11	CHORI-322	X	16945472	16964385

CH322-43L12	CHORI-322	3L	1644513	1662449
CH322-43L13	CHORI-322	X	7619045	7639432
CH322-43L18	CHORI-322	3L	16829474	16849618
CH322-43L22	CHORI-322	2L	2651655	2670123
CH322-43L23	CHORI-322	X	10558539	10579357
CH322-43M01	CHORI-322	2R	9886019	9906875
CH322-43M02	CHORI-322	3L	18010591	18032213
CH322-43M04	CHORI-322	3R	9181672	9202775
CH322-43M13	CHORI-322	2R	8585843	8607325
CH322-43M17	CHORI-322	2L	4526349	4550124
CH322-43M18	CHORI-322	2R	9707923	9729411
CH322-43M19	CHORI-322	3R	20667442	20687404
CH322-43M21	CHORI-322	3L	22978462	22997614
CH322-43N01	CHORI-322	3L	19062044	19081790
CH322-43N02	CHORI-322	3R	19455025	19475029
CH322-43N08	CHORI-322	2L	6848271	6869328
CH322-43N10	CHORI-322	3L	13157709	13177358
CH322-43N13	CHORI-322	2L	4744135	4763050
CH322-43N16	CHORI-322	2R	5759206	5783063
CH322-43N17	CHORI-322	2R	10462774	10484452
CH322-43N22	CHORI-322	X	3572778	3592589
CH322-43N23	CHORI-322	3R	11786002	11809094
CH322-43O02	CHORI-322	3L	20963449	20984359
CH322-43O08	CHORI-322	3L	5666670	5686610
CH322-43O09	CHORI-322	3L	1873008	1894184
CH322-43O14	CHORI-322	2R	13084579	13104643
CH322-43O17	CHORI-322	2R	3017079	3039213
CH322-43P01	CHORI-322	X	18790671	18811612
CH322-43P02	CHORI-322	3R	27873268	27892635
CH322-43P06	CHORI-322	2L	19198209	19217520
CH322-43P12	CHORI-322	2L	6522677	6544548
CH322-43P13	CHORI-322	2L	19465876	19484987
CH322-43P14	CHORI-322	2L	7857365	7879243
CH322-43P15	CHORI-322	3L	12218354	12238644
CH322-43P16	CHORI-322	X	13869086	13889096
CH322-43P18	CHORI-322	3L	10518699	10540718
CH322-43P22	CHORI-322	2R	1847352	1867720
CH322-43P23	CHORI-322	2L	5621699	5641953
CH322-43P24	CHORI-322	2R	7058595	7080562
CH322-45A01	CHORI-322	3R	8463577	8484450
CH322-45A02	CHORI-322	3L	9754140	9773973
CH322-45A04	CHORI-322	3L	10231943	10252394
CH322-45A05	CHORI-322	3L	14573137	14592548
CH322-45A06	CHORI-322	2R	7689076	7711034
CH322-45A08	CHORI-322	2L	13101550	13123908
CH322-45A10	CHORI-322	3R	3449006	3466439
CH322-45A11	CHORI-322	3R	11569015	11589607
CH322-45A14	CHORI-322	3L	12393164	12413123
CH322-45A15	CHORI-322	2L	1261571	1280499
CH322-45A16	CHORI-322	3L	8079561	8099563
CH322-45A17	CHORI-322	3R	27816299	27840134
CH322-45A19	CHORI-322	3R	20021861	20043064
CH322-45A20	CHORI-322	3R	21962010	21981927
CH322-45A23	CHORI-322	3L	23692500	23712067

CH322-45B01	CHORI-322	2L	15767698	15788775
CH322-45B03	CHORI-322	3R	22482783	22502440
CH322-45B04	CHORI-322	3L	98977	119800
CH322-45B05	CHORI-322	3R	15306342	15326846
CH322-45B06	CHORI-322	2R	14777725	14797338
CH322-45B08	CHORI-322	3L	6611207	6630137
CH322-45B09	CHORI-322	3L	151688	173220
CH322-45B10	CHORI-322	3R	26433940	26453328
CH322-45B14	CHORI-322	2R	5955175	5976635
CH322-45B17	CHORI-322	2R	12392783	12412881
CH322-45B18	CHORI-322	3L	11398143	11420314
CH322-45B20	CHORI-322	3R	21510195	21530659
CH322-45B21	CHORI-322	3L	2915887	2937782
CH322-45B24	CHORI-322	X	2534467	2553671
CH322-45C01	CHORI-322	2L	3659778	3681255
CH322-45C02	CHORI-322	2R	5685646	5709209
CH322-45C03	CHORI-322	3R	4190346	4212595
CH322-45C04	CHORI-322	3L	9275925	9296381
CH322-45C05	CHORI-322	3L	8831846	8851724
CH322-45C06	CHORI-322	3L	1594587	1619749
CH322-45C10	CHORI-322	3R	6738176	6761237
CH322-45C11	CHORI-322	3L	256393	278637
CH322-45C12	CHORI-322	3R	25892541	25914205
CH322-45C14	CHORI-322	3R	9559649	9579557
CH322-45C17	CHORI-322	3L	8220640	8241965
CH322-45C21	CHORI-322	2R	15942376	15964052
CH322-45C24	CHORI-322	3L	14998025	15019318
CH322-45D02	CHORI-322	2L	16980983	17001299
CH322-45D03	CHORI-322	3L	15019315	15038341
CH322-45D06	CHORI-322	2L	5927421	5948546
CH322-45D09	CHORI-322	3R	3352392	3374564
CH322-45D10	CHORI-322	2R	8164932	8187410
CH322-45D11	CHORI-322	3L	14528572	14548703
CH322-45D12	CHORI-322	2R	13261461	13283893
CH322-45D14	CHORI-322	3R	16493228	16516132
CH322-45D16	CHORI-322	3R	8920913	8939541
CH322-45D18	CHORI-322	2L	6231939	6255164
CH322-45D21	CHORI-322	X	1009823	1032746
CH322-45D23	CHORI-322	X	15199095	15218608
CH322-45E01	CHORI-322	3R	17776208	17798156
CH322-45E05	CHORI-322	3R	22666432	22689240
CH322-45E10	CHORI-322	2L	4447432	4469450
CH322-45E11	CHORI-322	2R	20319727	20339248
CH322-45E22	CHORI-322	2L	7562552	7582241
CH322-45E24	CHORI-322	3R	16258542	16280407
CH322-45F01	CHORI-322	X	6387176	6405862
CH322-45F02	CHORI-322	2L	5367850	5388113
CH322-45F03	CHORI-322	2L	16059914	16080599
CH322-45F05	CHORI-322	3R	9554898	9576097
CH322-45F06	CHORI-322	3R	6963989	6982402
CH322-45F09	CHORI-322	2L	1531209	1551155
CH322-45F11	CHORI-322	2R	5153213	5173792
CH322-45F24	CHORI-322	X	3594507	3613793
CH322-45G06	CHORI-322	X	2397462	2418827

CH322-45G09	CHORI-322	3L	9600986	9619627
CH322-45G10	CHORI-322	3L	14957376	14976406
CH322-45G11	CHORI-322	2R	9603757	9625174
CH322-45G17	CHORI-322	2L	1854819	1878143
CH322-45G18	CHORI-322	2L	16490272	16510054
CH322-45G21	CHORI-322	3R	20423098	20444737
CH322-45G24	CHORI-322	3L	7017910	7035880
CH322-45H09	CHORI-322	2R	12725976	12745688
CH322-45H11	CHORI-322	3L	17948849	17971668
CH322-45H16	CHORI-322	2L	786775	810744
CH322-45H18	CHORI-322	3R	885031	905908
CH322-45H19	CHORI-322	3R	13831708	13852533
CH322-45I02	CHORI-322	3L	1325651	1347031
CH322-45I03	CHORI-322	X	9092423	9112354
CH322-45I05	CHORI-322	2L	16260190	16282305
CH322-45I07	CHORI-322	2R	13911236	13933427
CH322-45I09	CHORI-322	2L	3593893	3613074
CH322-45I10	CHORI-322	2L	6100963	6122266
CH322-45I11	CHORI-322	2R	10008353	10028357
CH322-45I12	CHORI-322	3L	12920024	12940705
CH322-45I13	CHORI-322	2L	7751554	7772533
CH322-45I14	CHORI-322	X	14825207	14842614
CH322-45I15	CHORI-322	2R	12333291	12350896
CH322-45I16	CHORI-322	X	2879675	2899647
CH322-45I17	CHORI-322	3R	1374618	1395594
CH322-45I20	CHORI-322	X	2912285	2932948
CH322-45I21	CHORI-322	3L	20529230	20551419
CH322-45I24	CHORI-322	2L	8481197	8504868
CH322-45J01	CHORI-322	3R	18292055	18313296
CH322-45J02	CHORI-322	3R	25119540	25138256
CH322-45J04	CHORI-322	3L	4595087	4617460
CH322-45J06	CHORI-322	3L	13407831	13431406
CH322-45J09	CHORI-322	X	2503472	2523278
CH322-45J10	CHORI-322	3R	6713428	6736405
CH322-45J11	CHORI-322	2L	20240598	20261491
CH322-45J12	CHORI-322	2R	5077095	5098615
CH322-45J13	CHORI-322	3L	4419269	4438970
CH322-45J16	CHORI-322	2R	9375412	9397429
CH322-45J18	CHORI-322	X	5954559	5974342
CH322-45J19	CHORI-322	3R	14486288	14510522
CH322-45J22	CHORI-322	2R	19452066	19471489
CH322-45J23	CHORI-322	3L	4388495	4408049
CH322-45J24	CHORI-322	3L	4079448	4100744
CH322-45K02	CHORI-322	3R	13003471	13026598
CH322-45K05	CHORI-322	3R	2369320	2389532
CH322-45K06	CHORI-322	3R	22057242	22077348
CH322-45K08	CHORI-322	4	119404	138963
CH322-45K12	CHORI-322	2R	18150466	18171428
CH322-45K13	CHORI-322	3L	18257433	18276684
CH322-45K14	CHORI-322	2R	14596487	14616201
CH322-45K17	CHORI-322	3L	10204145	10223409
CH322-45K18	CHORI-322	3R	25170234	25190044
CH322-45K19	CHORI-322	2L	15277974	15298203
CH322-45K21	CHORI-322	2L	16520122	16543055

CH322-45K23	CHORI-322	2R	5393303	5415662
CH322-45L01	CHORI-322	3L	15737520	15756560
CH322-45L06	CHORI-322	X	18517129	18538244
CH322-45L09	CHORI-322	X	12346161	12367586
CH322-45L10	CHORI-322	2R	15680454	15704264
CH322-45L11	CHORI-322	2L	3179021	3199667
CH322-45L12	CHORI-322	3R	6263868	6281983
CH322-45L13	CHORI-322	X	5756661	5775691
CH322-45L14	CHORI-322	3R	24380398	24403966
CH322-45L24	CHORI-322	3RHet	1187288	1209536
CH322-45M03	CHORI-322	2R	13941571	13963884
CH322-45M04	CHORI-322	3R	27265973	27285249
CH322-45M06	CHORI-322	3R	2239658	2258682
CH322-45M10	CHORI-322	2R	5331227	5350103
CH322-45M11	CHORI-322	2L	17053625	17071543
CH322-45M12	CHORI-322	3L	15762822	15783619
CH322-45M13	CHORI-322	3L	358824	381825
CH322-45M14	CHORI-322	2L	8640761	8659592
CH322-45M19	CHORI-322	2L	11971338	11991363
CH322-45M21	CHORI-322	3R	15130721	15150985
CH322-45M23	CHORI-322	2L	2441167	2461491
CH322-45N02	CHORI-322	2L	10395122	10415882
CH322-45N04	CHORI-322	2L	20467443	20488240
CH322-45N09	CHORI-322	2R	11825539	11846188
CH322-45N13	CHORI-322	2L	6019399	6039142
CH322-45N14	CHORI-322	3L	8549660	8568621
CH322-45N15	CHORI-322	3L	5065754	5085366
CH322-45N17	CHORI-322	X	22190242	22210136
CH322-45N18	CHORI-322	3L	17997965	18018494
CH322-45N19	CHORI-322	X	5343442	5365115
CH322-45N20	CHORI-322	2R	950091	969754
CH322-45N21	CHORI-322	2L	1432833	1452003
CH322-45N22	CHORI-322	2R	15929834	15949090
CH322-45O01	CHORI-322	3R	4127820	4147709
CH322-45O03	CHORI-322	3R	2795221	2813541
CH322-45O04	CHORI-322	X	17433342	17454187
CH322-45O07	CHORI-322	3R	14067801	14086279
CH322-45O08	CHORI-322	X	19615327	19637966
CH322-45O09	CHORI-322	X	13401198	13421289
CH322-45O10	CHORI-322	2R	8848242	8868309
CH322-45O11	CHORI-322	3L	4325987	4347219
CH322-45O17	CHORI-322	2R	14895122	14918954
CH322-45O19	CHORI-322	2L	14872864	14894370
CH322-45P01	CHORI-322	2R	14804481	14825401
CH322-45P02	CHORI-322	3R	26344056	26366108
CH322-45P03	CHORI-322	X	18526101	18549055
CH322-45P04	CHORI-322	X	12941900	12960915
CH322-46A01	CHORI-322	3L	14628283	14647814
CH322-46A04	CHORI-322	X	22295705	22315916
CH322-46A07	CHORI-322	2L	17482950	17505389
CH322-46A08	CHORI-322	3L	17685898	17707365
CH322-46A11	CHORI-322	3R	12009038	12030670
CH322-46A15	CHORI-322	2L	19774722	19793099
CH322-46A18	CHORI-322	X	13796208	13816978

CH322-46A20	CHORI-322	2R	9431643	9451301
CH322-46A21	CHORI-322	3R	15163066	15182456
CH322-46A22	CHORI-322	3R	18114429	18137528
CH322-46A24	CHORI-322	2L	18418942	18436842
CH322-46C01	CHORI-322	3R	23268710	23290938
CH322-46C02	CHORI-322	3L	3843860	3862528
CH322-46C03	CHORI-322	3R	9641200	9662279
CH322-46C04	CHORI-322	3L	658705	683437
CH322-46C08	CHORI-322	3L	20701141	20722048
CH322-46C12	CHORI-322	3R	10087647	10106835
CH322-46C16	CHORI-322	X	12179608	12198911
CH322-46C19	CHORI-322	3R	5705990	5727187
CH322-46C20	CHORI-322	3L	19042050	19061816
CH322-46C21	CHORI-322	2R	14609325	14629711
CH322-46E03	CHORI-322	3L	2290498	2311030
CH322-46E05	CHORI-322	2R	7815779	7834980
CH322-46E06	CHORI-322	X	19573884	19596877
CH322-46E09	CHORI-322	3R	23342592	23363115
CH322-46E10	CHORI-322	3L	4926072	4947131
CH322-46E11	CHORI-322	2L	9363005	9382840
CH322-46E16	CHORI-322	X	12305030	12325968
CH322-46E17	CHORI-322	3R	24562055	24581801
CH322-46E22	CHORI-322	2L	5746876	5764217
CH322-46E23	CHORI-322	3L	3813565	3832264
CH322-46F24	CHORI-322	X	3888787	3909451
CH322-46G01	CHORI-322	3L	18959229	18980278
CH322-46G02	CHORI-322	3R	764227	783564
CH322-46G07	CHORI-322	X	16173652	16193239
CH322-46G10	CHORI-322	2R	11047187	11067968
CH322-46G11	CHORI-322	2L	12980523	13000287
CH322-46G13	CHORI-322	2R	9345726	9363600
CH322-46G14	CHORI-322	2R	9463415	9485524
CH322-46G16	CHORI-322	3R	18340809	18363484
CH322-46I01	CHORI-322	3R	12271739	12291259
CH322-46I02	CHORI-322	3L	6927016	6949420
CH322-46I03	CHORI-322	X	3135618	3158292
CH322-46I11	CHORI-322	2L	14207951	14225793
CH322-46I15	CHORI-322	3R	417911	436904
CH322-46I17	CHORI-322	3R	60237 81279	
CH322-46I21	CHORI-322	X	1241281	1264222
CH322-46I23	CHORI-322	3L	16993124	17016374
CH322-46K02	CHORI-322	2L	18429035	18450689
CH322-46K03	CHORI-322	3L	2742907	2765178
CH322-46K04	CHORI-322	2L	8583965	8603569
CH322-46K06	CHORI-322	3L	15829445	15847062
CH322-46K07	CHORI-322	3L	9837086	9856693
CH322-46K11	CHORI-322	3L	21758538	21777834
CH322-46K13	CHORI-322	3R	1810073	1830476
CH322-46K21	CHORI-322	3R	3083062	3102312
CH322-46K24	CHORI-322	3L	9409819	9430009
CH322-46M01	CHORI-322	2L	5727633	5746747
CH322-46M06	CHORI-322	3L	4253254	4277059
CH322-46M07	CHORI-322	3L	12241668	12260421
CH322-46M13	CHORI-322	X	19379721	19399745

CH322-46M18	CHORI-322	3R	23813833	23833310
CH322-46M22	CHORI-322	2L	1238489	1259276
CH322-46M24	CHORI-322	2R	297708	318191
CH322-46O02	CHORI-322	3R	16398078	16418758
CH322-46O04	CHORI-322	2R	12897923	12917875
CH322-46O05	CHORI-322	2L	2419114	2437812
CH322-46O08	CHORI-322	2R	2904974	2924548
CH322-46O11	CHORI-322	3L	17452894	17470690
CH322-46O12	CHORI-322	2L	4165637	4184588
CH322-46O15	CHORI-322	3L	15978650	15995989
CH322-46O18	CHORI-322	3R	7311223	7332696
CH322-46O23	CHORI-322	2L	14499035	14521465
CH322-46O24	CHORI-322	2R	5207781	5227298
CH322-47A01	CHORI-322	2L	17068007	17087533
CH322-47A02	CHORI-322	3L	11372516	11392689
CH322-47A03	CHORI-322	3R	18098421	18116447
CH322-47A05	CHORI-322	3R	15065814	15084771
CH322-47A11	CHORI-322	3R	7002812	7025430
CH322-47A12	CHORI-322	3R	13925334	13945316
CH322-47A15	CHORI-322	X	18183374	18202887
CH322-47A19	CHORI-322	2L	5285930	5307059
CH322-47A21	CHORI-322	3R	24227355	24248480
CH322-47A22	CHORI-322	3R	24227312	24248480
CH322-47A23	CHORI-322	X	6220767	6241479
CH322-47B01	CHORI-322	3L	2801190	2822263
CH322-47B02	CHORI-322	X	15848160	15869215
CH322-47B04	CHORI-322	X	4150271	4171751
CH322-47B07	CHORI-322	X	15097056	15115411
CH322-47B09	CHORI-322	3R	16034428	16055868
CH322-47B12	CHORI-322	3L	12886454	12907705
CH322-47B17	CHORI-322	2L	13484329	13503548
CH322-47B21	CHORI-322	2R	12218287	12241799
CH322-47B23	CHORI-322	X	4086650	4107494
CH322-47B24	CHORI-322	3R	11254478	11274144
CH322-47C07	CHORI-322	2L	14459889	14482500
CH322-47C14	CHORI-322	3L	6569302	6592295
CH322-47C22	CHORI-322	X	20633110	20654230
CH322-47D07	CHORI-322	2L	8961020	8981736
CH322-47D09	CHORI-322	2L	17218242	17240905
CH322-47D11	CHORI-322	2R	6870429	6890327
CH322-47D13	CHORI-322	3R	14081790	14103244
CH322-47D15	CHORI-322	X	3951702	3972621
CH322-47D17	CHORI-322	2R	14387665	14409991
CH322-47D24	CHORI-322	3R	13521481	13542014
CH322-47E04	CHORI-322	2R	12798064	12816105
CH322-47E09	CHORI-322	2L	18291310	18312478
CH322-47E16	CHORI-322	3R	21571191	21591934
CH322-47E23	CHORI-322	X	11379619	11400256
CH322-47E24	CHORI-322	2L	14495830	14516436
CH322-47F01	CHORI-322	X	6056523	6076069
CH322-47F07	CHORI-322	3R	3612848	3633046
CH322-47F13	CHORI-322	2L	4098932	4122451
CH322-47F18	CHORI-322	3R	15650117	15669851
CH322-47F22	CHORI-322	2R	970712	990642

CH322-47G02	CHORI-322	2L	19923328	19942514
CH322-47G04	CHORI-322	2RHet	2334071	2352811
CH322-47G11	CHORI-322	2L	4625839	4644743
CH322-47G15	CHORI-322	3L	8148228	8168174
CH322-47G20	CHORI-322	3R	20077519	20099476
CH322-47H04	CHORI-322	2L	12267427	12288114
CH322-47H07	CHORI-322	2L	8291410	8310973
CH322-47H09	CHORI-322	3R	10753191	10773686
CH322-47H10	CHORI-322	2L	1843980	1866995
CH322-47H11	CHORI-322	3L	4009462	4030803
CH322-47H19	CHORI-322	X	16660948	16685187
CH322-47H20	CHORI-322	2L	7250832	7269483
CH322-47I03	CHORI-322	3L	14955580	14978783
CH322-47I04	CHORI-322	2L	13277977	13300362
CH322-47I08	CHORI-322	3R	6973255	6995084
CH322-47I11	CHORI-322	3R	24504070	24525010
CH322-47I15	CHORI-322	3L	5760356	5780208
CH322-47I19	CHORI-322	2R	3681373	3702533
CH322-47J03	CHORI-322	X	20106731	20126360
CH322-47J04	CHORI-322	3L	20237399	20256517
CH322-47J05	CHORI-322	2L	9344018	9363008
CH322-47J08	CHORI-322	3L	22373749	22392861
CH322-47J12	CHORI-322	2L	1299616	1320408
CH322-47J13	CHORI-322	3L	10253442	10275050
CH322-47J15	CHORI-322	2L	8278310	8299411
CH322-47J19	CHORI-322	3R	23128435	23149723
CH322-47J20	CHORI-322	2RHet	3144288	3166032
CH322-47J21	CHORI-322	2L	6679498	6702757
CH322-47J22	CHORI-322	2L	20987769	21007585
CH322-47K02	CHORI-322	4	521998	538062
CH322-47K07	CHORI-322	2L	19836748	19857672
CH322-47K08	CHORI-322	3L	2513000	2535041
CH322-47K09	CHORI-322	3R	19208008	19228173
CH322-47K13	CHORI-322	3L	22938107	22959349
CH322-47K15	CHORI-322	3R	17047488	17070204
CH322-47K22	CHORI-322	2L	5454683	5477161
CH322-47L01	CHORI-322	2R	6952262	6972201
CH322-47L02	CHORI-322	2L	12868162	12887854
CH322-47L13	CHORI-322	2R	9956926	9978051
CH322-47L15	CHORI-322	X	9570504	9592015
CH322-47M04	CHORI-322	2R	18478744	18498289
CH322-47M09	CHORI-322	3L	11739107	11759668
CH322-47M17	CHORI-322	2L	21246866	21268183
CH322-47M18	CHORI-322	X	7779164	7798905
CH322-47M21	CHORI-322	3R	14978917	14997812
CH322-47M24	CHORI-322	X	16174615	16198413
CH322-47N02	CHORI-322	3R	17427429	17448307
CH322-47N10	CHORI-322	X	11169091	11188268
CH322-47N13	CHORI-322	2R	16559271	16579753
CH322-47N17	CHORI-322	2L	2670611	2690754
CH322-47N21	CHORI-322	3R	8566271	8586056
CH322-47N22	CHORI-322	2R	13766870	13788282
CH322-47O04	CHORI-322	X	3385383	3409197
CH322-47O05	CHORI-322	3L	15467101	15486932

CH322-47O06	CHORI-322	2L	786957	808537
CH322-47O09	CHORI-322	3L	23443680	23465413
CH322-47O13	CHORI-322	3R	13237198	13257719
CH322-47O15	CHORI-322	3R	18176027	18194314
CH322-47O20	CHORI-322	2R	5015833	5038264
CH322-47O21	CHORI-322	3L	9412072	9432151
CH322-47O24	CHORI-322	2L	8373553	8397268
CH322-47P02	CHORI-322	3R	12351550	12372602
CH322-47P05	CHORI-322	X	10935561	10959295
CH322-47P06	CHORI-322	3R	1957903	1979712
CH322-47P08	CHORI-322	2R	18179990	18199389
CH322-47P11	CHORI-322	2L	7623221	7643559
CH322-47P12	CHORI-322	X	1276875	1297377
CH322-47P15	CHORI-322	3R	25745832	25768941
CH322-47P19	CHORI-322	2L	11203338	11221793
CH322-47P20	CHORI-322	3L	280226	301195
CH322-47P21	CHORI-322	2L	15248663	15267249
CH322-47P22	CHORI-322	2L	7861882	7883446
CH322-48A01	CHORI-322	X	13586568	13609363
CH322-48A02	CHORI-322	3R	4912087	4935084
CH322-48A03	CHORI-322	2R	10053808	10073797
CH322-48A05	CHORI-322	2R	16990148	17008055
CH322-48A06	CHORI-322	2R	6685988	6706043
CH322-48A07	CHORI-322	3R	27733732	27753880
CH322-48A08	CHORI-322	2R	5310281	5330569
CH322-48A09	CHORI-322	2R	11142950	11164500
CH322-48A10	CHORI-322	3R	11790651	11808576
CH322-48A11	CHORI-322	3L	5560784	5580800
CH322-48A12	CHORI-322	3RHet	2471703	2491140
CH322-48A13	CHORI-322	3R	18886888	18909587
CH322-48A17	CHORI-322	3R	26342552	26362376
CH322-48A18	CHORI-322	2L	5966565	5986815
CH322-48A21	CHORI-322	2L	21615611	21636991
CH322-48B01	CHORI-322	3R	6645281	6665132
CH322-48B02	CHORI-322	3R	6640579	6661385
CH322-48B04	CHORI-322	3L	494141	514474
CH322-48B05	CHORI-322	X	5279412	5300995
CH322-48B07	CHORI-322	3R	24488433	24507417
CH322-48B11	CHORI-322	3R	23017158	23036636
CH322-48B12	CHORI-322	3R	3197339	3220939
CH322-48B17	CHORI-322	3R	23215110	23236108
CH322-48B19	CHORI-322	X	17063043	17083511
CH322-48B22	CHORI-322	X	7651905	7672886
CH322-48B23	CHORI-322	2R	19170665	19189424
CH322-48C01	CHORI-322	3L	15876271	15896318
CH322-48C03	CHORI-322	2L	323266	343165
CH322-48C05	CHORI-322	2L	9118296	9140435
CH322-48C07	CHORI-322	2R	15071286	15091019
CH322-48C09	CHORI-322	X	17670857	17695131
CH322-48C12	CHORI-322	2L	19585578	19608326
CH322-48C15	CHORI-322	2R	10563056	10583212
CH322-48C18	CHORI-322	3L	21296841	21325362
CH322-48C19	CHORI-322	2L	21316849	21334621
CH322-48C21	CHORI-322	2L	5317681	5337875

CH322-48D01	CHORI-322	2L	20524737	20543591
CH322-48D02	CHORI-322	3L	13608217	13629845
CH322-48D03	CHORI-322	2R	18969405	18989964
CH322-48D04	CHORI-322	2L	15263464	15279268
CH322-48D05	CHORI-322	X	5500236	5520706
CH322-48D06	CHORI-322	3R	25016811	25038079
CH322-48D10	CHORI-322	2R	19818647	19837645
CH322-48D11	CHORI-322	3L	23375576	23396624
CH322-48D12	CHORI-322	2L	17733036	17754844
CH322-48D15	CHORI-322	2L	3293912	3312968
CH322-48D19	CHORI-322	X	7682643	7704092
CH322-48D21	CHORI-322	X	1691988	1712911
CH322-48D23	CHORI-322	3R	4120305	4143142
CH322-48D24	CHORI-322	2R	19860476	19881794
CH322-48E01	CHORI-322	3L	15718456	15738271
CH322-48E02	CHORI-322	3R	22564090	22585778
CH322-48E03	CHORI-322	X	4149674	4170203
CH322-48E06	CHORI-322	2R	18431090	18455392
CH322-48E07	CHORI-322	3L	10345284	10363585
CH322-48E08	CHORI-322	3R	3012059	3033420
CH322-48E10	CHORI-322	3L	13993926	14016079
CH322-48E11	CHORI-322	3L	1080153	1099168
CH322-48E19	CHORI-322	3R	26047352	26070320
CH322-48E20	CHORI-322	3L	18624475	18645446
CH322-48E21	CHORI-322	3L	6501091	6524158
CH322-48E22	CHORI-322	3R	27121017	27140813
CH322-48E23	CHORI-322	2R	20913222	20935275
CH322-48E24	CHORI-322	3L	19265282	19287342
CH322-48F01	CHORI-322	2L	5282521	5305532
CH322-48F03	CHORI-322	X	4780330	4799805
CH322-48F04	CHORI-322	X	10315006	10339831
CH322-48F05	CHORI-322	2R	16846078	16866126
CH322-48F06	CHORI-322	3L	22456215	22477383
CH322-48F07	CHORI-322	X	4422373	4446172
CH322-48F09	CHORI-322	3R	12993266	13012941
CH322-48F11	CHORI-322	3R	2387404	2407222
CH322-48F12	CHORI-322	2L	8012770	8032166
CH322-48F13	CHORI-322	3L	13207905	13227736
CH322-48F14	CHORI-322	3R	10840933	10860296
CH322-48F15	CHORI-322	2L	8827117	8849090
CH322-48F16	CHORI-322	3L	6502665	6524158
CH322-48F17	CHORI-322	X	3226073	3247787
CH322-48F18	CHORI-322	X	6575809	6596401
CH322-48F19	CHORI-322	3L	22382063	22403262
CH322-48F20	CHORI-322	X	7721959	7743260
CH322-48F21	CHORI-322	2L	2771475	2792044
CH322-48F22	CHORI-322	2R	1788024	1810994
CH322-48F24	CHORI-322	3L	21599958	21618461
CH322-48G01	CHORI-322	3R	18087001	18110602
CH322-48G02	CHORI-322	3L	5598790	5620108
CH322-48G03	CHORI-322	3R	2980053	3000150
CH322-48G05	CHORI-322	2R	10917395	10938094
CH322-48G14	CHORI-322	3L	4674658	4697247
CH322-48G18	CHORI-322	X	9805206	9825307

CH322-48G21	CHORI-322	2R	5826854	5847653
CH322-48H01	CHORI-322	2R	6843104	6865901
CH322-48H02	CHORI-322	3L	16264766	16288389
CH322-48H03	CHORI-322	3L	12241966	12261029
CH322-48H09	CHORI-322	3L	6266689	6288889
CH322-48H11	CHORI-322	2R	11588344	11609013
CH322-48H13	CHORI-322	X	15980459	16002130
CH322-48H18	CHORI-322	2L	9825824	9847436
CH322-48H21	CHORI-322	3R	17414259	17434024
CH322-48I01	CHORI-322	3R	8055774	8073347
CH322-48I02	CHORI-322	2L	9397569	9418481
CH322-48I04	CHORI-322	3L	21761508	21781392
CH322-48I05	CHORI-322	3R	15862232	15883967
CH322-48I08	CHORI-322	3L	18142248	18163046
CH322-48I10	CHORI-322	2R	13499367	13519606
CH322-48I11	CHORI-322	X	7967686	7989474
CH322-48I13	CHORI-322	2L	2013256	2032785
CH322-48I14	CHORI-322	2R	3883540	3906868
CH322-48I15	CHORI-322	3L	15458286	15477791
CH322-48I17	CHORI-322	3R	25660106	25679908
CH322-48I22	CHORI-322	3L	1323627	1344654
CH322-48I24	CHORI-322	3L	15651766	15673270
CH322-48J01	CHORI-322	X	17443757	17465427
CH322-48J02	CHORI-322	3L	22959218	22979443
CH322-48J03	CHORI-322	2R	8388219	8403733
CH322-48J04	CHORI-322	2R	5965243	5985498
CH322-48J08	CHORI-322	2L	19836423	19857672
CH322-48J10	CHORI-322	3R	14972841	14993823
CH322-48J14	CHORI-322	X	16616527	16636364
CH322-48J18	CHORI-322	2R	14605612	14627532
CH322-48J21	CHORI-322	2L	3171121	3190911
CH322-48K01	CHORI-322	2R	17154928	17175291
CH322-48K02	CHORI-322	2R	3421983	3442909
CH322-48K03	CHORI-322	2L	11832245	11852649
CH322-48K04	CHORI-322	2L	4095997	4115808
CH322-48K05	CHORI-322	2L	21782918	21802859
CH322-48K06	CHORI-322	X	11360218	11378769
CH322-48K07	CHORI-322	3L	1614525	1637191
CH322-48K10	CHORI-322	3R	4249708	4270339
CH322-48K11	CHORI-322	2L	4681517	4704264
CH322-48K14	CHORI-322	2R	544022	563140
CH322-48K15	CHORI-322	3L	6869281	6889562
CH322-48K16	CHORI-322	3R	6457640	6477959
CH322-48K17	CHORI-322	X	7230310	7250530
CH322-48K20	CHORI-322	2L	5605074	5626506
CH322-48K22	CHORI-322	3R	10840933	10862317
CH322-48L01	CHORI-322	2L	4891312	4909759
CH322-48L02	CHORI-322	X	294742	316167
CH322-48L03	CHORI-322	3L	3778571	3799968
CH322-48L04	CHORI-322	3L	11344584	11363951
CH322-48L06	CHORI-322	3R	25722809	25745578
CH322-48L08	CHORI-322	3R	14021121	14039602
CH322-48L10	CHORI-322	2R	18854752	18874699
CH322-48L11	CHORI-322	2R	19677501	19700984

CH322-48L12	CHORI-322	2L	16488389	16509240
CH322-48L13	CHORI-322	3L	1269016	1290063
CH322-48L14	CHORI-322	2L	15393758	15413772
CH322-48L15	CHORI-322	2R	4036200	4059793
CH322-48L17	CHORI-322	3L	4627411	4649070
CH322-48L18	CHORI-322	3L	19302372	19322577
CH322-48L19	CHORI-322	3L	19905417	19927863
CH322-48L21	CHORI-322	2R	6857685	6878509
CH322-48L23	CHORI-322	2L	8137257	8158603
CH322-48M01	CHORI-322	2R	11524678	11546676
CH322-48M03	CHORI-322	2R	12259363	12279887
CH322-48M05	CHORI-322	2R	17078789	17100481
CH322-48M07	CHORI-322	3L	12299989	12320101
CH322-48M09	CHORI-322	2L	7384105	7405552
CH322-48M10	CHORI-322	X	1767777	1788549
CH322-48M15	CHORI-322	X	10886716	10907316
CH322-48M17	CHORI-322	2L	9543137	9564745
CH322-48M18	CHORI-322	3L	17418924	17440723
CH322-48M20	CHORI-322	3R	10187509	10211135
CH322-48M23	CHORI-322	3LHet	2127595	2147578
CH322-48N03	CHORI-322	2R	15295398	15314234
CH322-48N05	CHORI-322	2L	3615729	3636670
CH322-48N06	CHORI-322	2L	19866998	19886841
CH322-48N13	CHORI-322	2L	4122193	4141224
CH322-48N15	CHORI-322	2L	11227760	11249246
CH322-48N17	CHORI-322	X	14872769	14892637
CH322-48N18	CHORI-322	2L	19464750	19485930
CH322-48N19	CHORI-322	3R	25511818	25530398
CH322-48N20	CHORI-322	2L	5632407	5651631
CH322-48N22	CHORI-322	3R	7124066	7147349
CH322-48O01	CHORI-322	2L	4974483	4994277
CH322-48O02	CHORI-322	2L	13796675	13819932
CH322-48O09	CHORI-322	3R	6797234	6819216
CH322-48O10	CHORI-322	3L	8795479	8817039
CH322-48O12	CHORI-322	2L	17209952	17228888
CH322-48O13	CHORI-322	X	5703746	5722659
CH322-48O17	CHORI-322	X	883138	905273
CH322-48O21	CHORI-322	3L	694530	714451
CH322-48P04	CHORI-322	X	20956172	20976031
CH322-48P09	CHORI-322	X	21196694	21216630
CH322-48P10	CHORI-322	X	9189321	9209300
CH322-48P11	CHORI-322	2L	1499634	1520314
CH322-48P14	CHORI-322	3R	16125086	16142040
CH322-48P19	CHORI-322	3L	18123318	18143124
CH322-49A01	CHORI-322	X	14133650	14155259
CH322-49A03	CHORI-322	2R	12405085	12423272
CH322-49A05	CHORI-322	X	19765943	19785779
CH322-49A06	CHORI-322	3L	21143732	21164952
CH322-49A07	CHORI-322	3R	21769983	21790836
CH322-49A09	CHORI-322	3L	14197309	14218403
CH322-49A11	CHORI-322	2L	18759624	18780163
CH322-49A12	CHORI-322	3L	4321924	4340417
CH322-49A14	CHORI-322	2R	8034655	8054619
CH322-49A18	CHORI-322	3R	15822484	15845364

CH322-49A21	CHORI-322	3L	1838890	1857325
CH322-49A23	CHORI-322	X	12696299	12715635
CH322-49B01	CHORI-322	3R	26926641	26946377
CH322-49B02	CHORI-322	2L	1006219	1028658
CH322-49B03	CHORI-322	2R	12249247	12273174
CH322-49B04	CHORI-322	3R	6906407	6926319
CH322-49B05	CHORI-322	3R	24596889	24616793
CH322-49B06	CHORI-322	2L	10372911	10394312
CH322-49B07	CHORI-322	3R	13144467	13165158
CH322-49B09	CHORI-322	3R	18314832	18335791
CH322-49B10	CHORI-322	2L	621044	639814
CH322-49B11	CHORI-322	2R	18581501	18601811
CH322-49B12	CHORI-322	3R	293420	314138
CH322-49B13	CHORI-322	X	18927123	18946395
CH322-49B16	CHORI-322	3R	11933937	11953472
CH322-49B21	CHORI-322	3R	10873828	10893828
CH322-49C02	CHORI-322	2L	13778821	13799209
CH322-49C04	CHORI-322	2R	20095481	20114821
CH322-49C05	CHORI-322	3L	6322322	6340844
CH322-49C06	CHORI-322	3R	868181	889286
CH322-49C10	CHORI-322	2R	13406668	13425737
CH322-49C11	CHORI-322	3R	1234967	1254115
CH322-49C12	CHORI-322	3R	12489388	12507060
CH322-49C13	CHORI-322	2R	16086708	16105468
CH322-49C14	CHORI-322	3R	23558782	23579296
CH322-49C16	CHORI-322	3R	25731658	25754446
CH322-49C17	CHORI-322	3R	25158364	25180134
CH322-49C18	CHORI-322	3R	16867799	16887518
CH322-49C22	CHORI-322	X	2747237	2766367
CH322-49C24	CHORI-322	3L	20648216	20669100
CH322-49D02	CHORI-322	X	15547162	15566154
CH322-49D03	CHORI-322	2L	2111409	2133241
CH322-49D04	CHORI-322	3R	10807139	10830186
CH322-49D06	CHORI-322	2L	17704101	17723303
CH322-49D07	CHORI-322	2L	6328413	6348214
CH322-49D08	CHORI-322	2L	18222559	18245780
CH322-49D09	CHORI-322	4	191498	213085
CH322-49D10	CHORI-322	3L	498577	518936
CH322-49D11	CHORI-322	3L	15692495	15712834
CH322-49D14	CHORI-322	2R	11126698	11147295
CH322-49D16	CHORI-322	3R	5624630	5644451
CH322-49D18	CHORI-322	X	1472781	1495918
CH322-49D19	CHORI-322	3L	12345619	12367262
CH322-49D20	CHORI-322	3R	25518514	25539312
CH322-49D22	CHORI-322	2L	5924735	5945928
CH322-49D23	CHORI-322	3R	14008320	14028881
CH322-49D24	CHORI-322	X	3432467	3453492
CH322-49E02	CHORI-322	2R	11121879	11142043
CH322-49E03	CHORI-322	X	18972692	18992499
CH322-49E05	CHORI-322	3R	3203584	3223866
CH322-49E06	CHORI-322	3L	12968243	12988466
CH322-49E07	CHORI-322	2L	18382612	18402951
CH322-49E08	CHORI-322	2L	8158600	8177567
CH322-49E09	CHORI-322	X	9433616	9454922

CH322-49E16	CHORI-322	3L	1768424	1791618
CH322-49E17	CHORI-322	2L	6792686	6812802
CH322-49E19	CHORI-322	3R	3084978	3104981
CH322-49E20	CHORI-322	2R	11267384	11287045
CH322-49E21	CHORI-322	2L	13614223	13634828
CH322-49E22	CHORI-322	2L	22942296	22966099
CH322-49E24	CHORI-322	3L	15180393	15202139
CH322-49F02	CHORI-322	3L	12234416	12255139
CH322-49F03	CHORI-322	3L	8941999	8964051
CH322-49F04	CHORI-322	2L	4628200	4648723
CH322-49F05	CHORI-322	3R	9357427	9373972
CH322-49F06	CHORI-322	3LHet	811593	829503
CH322-49F09	CHORI-322	3L	24356181	24379310
CH322-49F11	CHORI-322	3R	16179799	16200502
CH322-49F13	CHORI-322	X	16493807	16515289
CH322-49F14	CHORI-322	3R	19617894	19637434
CH322-49F19	CHORI-322	3R	25000761	25022699
CH322-49F20	CHORI-322	3R	15452031	15473525
CH322-49F21	CHORI-322	2R	10218329	10236958
CH322-49F23	CHORI-322	2L	6934419	6957248
CH322-49G01	CHORI-322	3R	3353755	3374655
CH322-49G04	CHORI-322	3L	3561729	3580700
CH322-49G05	CHORI-322	3R	26727104	26747141
CH322-49G07	CHORI-322	X	7470284	7490835
CH322-49G09	CHORI-322	3R	20188574	20209861
CH322-49G12	CHORI-322	3L	13515685	13537638
CH322-49G17	CHORI-322	2L	10616145	10636965
CH322-49G18	CHORI-322	2L	19844413	19864616
CH322-49G19	CHORI-322	2L	16408225	16429075
CH322-49G22	CHORI-322	X	18439817	18460384
CH322-49H02	CHORI-322	X	11726078	11745744
CH322-49H04	CHORI-322	3L	18644069	18665703
CH322-49H07	CHORI-322	2R	2536849	2557442
CH322-49H08	CHORI-322	3R	387217	406168
CH322-49H10	CHORI-322	3R	17833955	17854193
CH322-49H11	CHORI-322	3L	9635521	9656213
CH322-49H12	CHORI-322	2R	16488618	16508572
CH322-49H14	CHORI-322	X	20354868	20373507
CH322-49H16	CHORI-322	2L	15560837	15581401
CH322-49H17	CHORI-322	2L	3934075	3951477
CH322-49H19	CHORI-322	2L	120157	142767
CH322-49H21	CHORI-322	3L	7218030	7241304
CH322-49H22	CHORI-322	X	14576790	14596335
CH322-49I02	CHORI-322	2L	2242456	2263828
CH322-49I03	CHORI-322	3R	1687944	1711074
CH322-49I04	CHORI-322	2R	13685086	13705110
CH322-49I05	CHORI-322	2R	9877824	9897018
CH322-49I07	CHORI-322	3R	17829731	17849865
CH322-49I09	CHORI-322	2L	19234195	19254150
CH322-49I11	CHORI-322	3R	16191834	16211491
CH322-49I12	CHORI-322	2L	9213982	9232128
CH322-49I13	CHORI-322	3R	17359555	17379140
CH322-49I14	CHORI-322	3R	5998696	6017737
CH322-49I15	CHORI-322	2R	3426214	3445771

CH322-49I21	CHORI-322	X	10640953	10659320
CH322-49I22	CHORI-322	2R	4630757	4651851
CH322-49J02	CHORI-322	2R	5007972	5027360
CH322-49J05	CHORI-322	2L	19201880	19222528
CH322-49J06	CHORI-322	2L	5620758	5643192
CH322-49J08	CHORI-322	X	6001278	6020760
CH322-49J10	CHORI-322	X	22358050	22376658
CH322-49J11	CHORI-322	3L	6175643	6197338
CH322-49J13	CHORI-322	X	6122397	6145247
CH322-49J16	CHORI-322	2R	2036333	2054143
CH322-49J19	CHORI-322	3R	22526692	22545232
CH322-49J21	CHORI-322	2L	4447432	4466304
CH322-49J22	CHORI-322	2L	9021620	9041593
CH322-49J24	CHORI-322	2R	17254501	17276400
CH322-49K02	CHORI-322	2L	2388799	2410301
CH322-49K03	CHORI-322	2R	4456836	4480143
CH322-49K05	CHORI-322	3L	5561955	5584110
CH322-49K07	CHORI-322	2R	19904802	19923523
CH322-49K08	CHORI-322	3R	24438582	24461049
CH322-49K09	CHORI-322	3L	19545765	19566500
CH322-49K11	CHORI-322	3L	4572381	4591968
CH322-49K12	CHORI-322	3R	27390474	27410394
CH322-49K14	CHORI-322	3L	5777096	5798508
CH322-49K15	CHORI-322	3L	17040664	17060182
CH322-49K17	CHORI-322	3R	23141615	23161306
CH322-49K21	CHORI-322	2R	10565197	10585046
CH322-49L02	CHORI-322	2L	1047026	1067636
CH322-49L03	CHORI-322	3R	21637061	21657332
CH322-49L04	CHORI-322	3R	3990370	4009088
CH322-49L05	CHORI-322	X	12384557	12403756
CH322-49L06	CHORI-322	3R	13551840	13573148
CH322-49L09	CHORI-322	X	21911855	21930622
CH322-49L11	CHORI-322	3R	15500307	15519613
CH322-49L13	CHORI-322	2R	17693998	17712821
CH322-49L14	CHORI-322	3R	26796990	26818102
CH322-49L15	CHORI-322	2R	6264451	6283565
CH322-49L16	CHORI-322	3L	19107594	19126242
CH322-49L17	CHORI-322	3L	8321921	8340555
CH322-49L18	CHORI-322	3R	5990848	6009909
CH322-49L19	CHORI-322	3R	17811511	17830873
CH322-49L22	CHORI-322	3R	4559027	4576414
CH322-49M04	CHORI-322	2L	15008866	15027409
CH322-49M05	CHORI-322	X	1650272	1673926
CH322-49M06	CHORI-322	X	20283197	20303225
CH322-49M08	CHORI-322	2R	5707221	5725886
CH322-49M09	CHORI-322	2R	13365764	13384411
CH322-49M10	CHORI-322	3R	20709347	20733406
CH322-49M12	CHORI-322	2L	14425819	14447257
CH322-49M13	CHORI-322	2R	11273676	11293567
CH322-49M14	CHORI-322	3L	19554217	19575946
CH322-49M15	CHORI-322	3L	7586667	7605134
CH322-49M16	CHORI-322	2R	5366382	5386425
CH322-49M21	CHORI-322	3R	12707201	12727814
CH322-49M22	CHORI-322	2L	18085865	18107637

CH322-49N05	CHORI-322	3L	180906	202334
CH322-49N06	CHORI-322	2L	18114368	18135312
CH322-49N07	CHORI-322	3L	10569482	10590368
CH322-49N09	CHORI-322	2R	12378568	12397621
CH322-49N10	CHORI-322	3R	22077440	22096686
CH322-49N12	CHORI-322	2L	8222064	8242366
CH322-49N13	CHORI-322	2R	19361081	19382252
CH322-49N14	CHORI-322	2L	5620594	5642268
CH322-49N15	CHORI-322	X	21136974	21155880
CH322-49N17	CHORI-322	X	19398529	19422164
CH322-49N18	CHORI-322	2R	14271454	14291179
CH322-49N19	CHORI-322	2L	7637526	7657195
CH322-49N21	CHORI-322	3R	11363153	11381888
CH322-49N22	CHORI-322	2L	9305281	9328265
CH322-49O02	CHORI-322	X	8921221	8940182
CH322-49O05	CHORI-322	2L	4402489	4423990
CH322-49O06	CHORI-322	2L	13986205	14004980
CH322-49O08	CHORI-322	3R	26430831	26451271
CH322-49O09	CHORI-322	2L	19986579	20005213
CH322-49O11	CHORI-322	2R	9306536	9328671
CH322-49O13	CHORI-322	3R	25511893	25535679
CH322-49O14	CHORI-322	X	19399354	19422811
CH322-49O19	CHORI-322	3L	8692409	8713042
CH322-49O21	CHORI-322	X	5202050	5225787
CH322-49P02	CHORI-322	2L	4974483	4994277
CH322-49P04	CHORI-322	3L	23698800	23719541
CH322-49P06	CHORI-322	2L	18243193	18262261
CH322-49P08	CHORI-322	X	12613538	12633469
CH322-49P14	CHORI-322	X	12157530	12180485
CH322-49P18	CHORI-322	3L	8902420	8923518
CH322-49P22	CHORI-322	X	8301069	8320070
CH322-50A03	CHORI-322	3R	8353525	8375134
CH322-50A05	CHORI-322	2R	1637967	1656603
CH322-50A07	CHORI-322	3L	4591732	4611663
CH322-50A09	CHORI-322	X	19395700	19419459
CH322-50A11	CHORI-322	3R	7060967	7081900
CH322-50A12	CHORI-322	3R	15976028	15996093
CH322-50A14	CHORI-322	4	1041735	1058936
CH322-50A15	CHORI-322	3L	20738417	20759866
CH322-50A17	CHORI-322	3R	10232065	10252254
CH322-50A19	CHORI-322	2L	2463644	2482884
CH322-50A20	CHORI-322	3R	12668085	12686107
CH322-50A21	CHORI-322	X	20213893	20233634
CH322-50A22	CHORI-322	X	7525582	7544984
CH322-50A23	CHORI-322	X	20564086	20583121
CH322-50A24	CHORI-322	2R	17763496	17784541
CH322-50B03	CHORI-322	3L	12642092	12662079
CH322-50B04	CHORI-322	3L	12642092	12662079
CH322-50B05	CHORI-322	3R	20042847	20065992
CH322-50B08	CHORI-322	3R	1441012	1461385
CH322-50B09	CHORI-322	X	2147304	2169813
CH322-50B11	CHORI-322	2R	10608467	10628257
CH322-50B12	CHORI-322	2R	10608511	10628257
CH322-50B15	CHORI-322	2R	6955772	6977450

CH322-50B17	CHORI-322	3R	6379041	6397395
CH322-50B19	CHORI-322	3R	1683109	1704452
CH322-50B20	CHORI-322	3R	1683109	1704452
CH322-50B23	CHORI-322	X	22135846	22154878
CH322-50C01	CHORI-322	2R	13259727	13279852
CH322-50C09	CHORI-322	X	15169484	15189140
CH322-50C11	CHORI-322	2R	12492040	12514269
CH322-50C12	CHORI-322	3L	12780808	12802375
CH322-50C17	CHORI-322	3L	23452925	23473329
CH322-50C21	CHORI-322	X	281121	303317
CH322-50C22	CHORI-322	2L	8249793	8271716
CH322-50C23	CHORI-322	3R	20809686	20832536
CH322-50C24	CHORI-322	3L	14404668	14425543
CH322-50D01	CHORI-322	2R	9539639	9558849
CH322-50D02	CHORI-322	2R	9539639	9558850
CH322-50D04	CHORI-322	3L	21732650	21754038
CH322-50D06	CHORI-322	3R	26166618	26189517
CH322-50D07	CHORI-322	2L	15983196	16002175
CH322-50D08	CHORI-322	2L	15983196	16002176
CH322-50D11	CHORI-322	2L	18228362	18249349
CH322-50D12	CHORI-322	2L	18228362	18249348
CH322-50D23	CHORI-322	3R	24526825	24546206
CH322-50E05	CHORI-322	3R	12349758	12371268
CH322-50E06	CHORI-322	3R	20996624	21016430
CH322-50E08	CHORI-322	3L	17159244	17178571
CH322-50E10	CHORI-322	3L	20870012	20889046
CH322-50E12	CHORI-322	2L	488684	509828
CH322-50E13	CHORI-322	X	6914086	6934429
CH322-50F05	CHORI-322	3R	1792067	1813778
CH322-50F07	CHORI-322	2L	16414230	16435712
CH322-50F08	CHORI-322	2L	16414256	16435712
CH322-50G03	CHORI-322	3R	18988111	19007729
CH322-50G04	CHORI-322	3R	2365622	2386241
CH322-50G11	CHORI-322	2L	9838661	9858372
CH322-50G23	CHORI-322	2L	37055 59734	
CH322-50H02	CHORI-322	3R	2456179	2474910
CH322-50H04	CHORI-322	2RHet	849914	870216
CH322-50H20	CHORI-322	2L	10768636	10788209
CH322-50I01	CHORI-322	2L	7158045	7179101
CH322-50I02	CHORI-322	2L	6298036	6318407
CH322-50I07	CHORI-322	2L	13110809	13134212
CH322-50I09	CHORI-322	2L	3035511	3058914
CH322-50I10	CHORI-322	2R	4712690	4734465
CH322-50J03	CHORI-322	3R	21746347	21766221
CH322-50J04	CHORI-322	3R	21746339	21766221
CH322-50J09	CHORI-322	2R	14544924	14564181
CH322-50J11	CHORI-322	3L	19951867	19975059
CH322-50J23	CHORI-322	3L	7183960	7206757
CH322-50J24	CHORI-322	3L	7183960	7206757
CH322-50K06	CHORI-322	X	12609925	12629829
CH322-50K12	CHORI-322	3L	3508821	3527431
CH322-50K13	CHORI-322	3L	18823494	18841012
CH322-50L11	CHORI-322	3R	15943816	15963448
CH322-50M05	CHORI-322	2R	1613609	1633301

CH322-50M09	CHORI-322	2L	950096	970183
CH322-50M13	CHORI-322	2L	1725410	1746547
CH322-50M15	CHORI-322	X	18249046	18267929
CH322-50M22	CHORI-322	2L	4529900	4548567
CH322-50N21	CHORI-322	X	5770152	5792490
CH322-50N23	CHORI-322	2L	3836214	3855399
CH322-50N24	CHORI-322	2L	3836208	3855399
CH322-50O01	CHORI-322	X	7257544	7276890
CH322-50O06	CHORI-322	2L	15508575	15531208
CH322-50O10	CHORI-322	3L	7165071	7185499
CH322-50O13	CHORI-322	2L	5588235	5608637
CH322-50O19	CHORI-322	2L	19793606	19813541
CH322-50O23	CHORI-322	3L	7033917	7054135
CH322-50P15	CHORI-322	2L	4851819	4872198
CH322-50P19	CHORI-322	2L	12280972	12302191
CH322-50P20	CHORI-322	2L	12280972	12302191
CH322-50P24	CHORI-322	2R	19663547	19685162
CH322-51A02	CHORI-322	3L	14575098	14593827
CH322-51A03	CHORI-322	3L	9235208	9256079
CH322-51A04	CHORI-322	2R	17641311	17661334
CH322-51A05	CHORI-322	2R	9530429	9549075
CH322-51A07	CHORI-322	2R	17686584	17706955
CH322-51A09	CHORI-322	3R	11632458	11652873
CH322-51A10	CHORI-322	3R	305118	326174
CH322-51A14	CHORI-322	2L	1832575	1853534
CH322-51A16	CHORI-322	3R	27816966	27834528
CH322-51A20	CHORI-322	3R	21930783	21953274
CH322-51A22	CHORI-322	3R	12234175	12256557
CH322-51A23	CHORI-322	3R	22278878	22298715
CH322-51B01	CHORI-322	X	2971835	2992221
CH322-51B02	CHORI-322	3R	4251171	4269487
CH322-51B03	CHORI-322	2R	3846461	3864798
CH322-51B06	CHORI-322	2R	4281120	4301076
CH322-51B09	CHORI-322	2L	20379305	20400419
CH322-51B11	CHORI-322	3R	12747937	12766997
CH322-51B12	CHORI-322	2L	11496565	11513901
CH322-51B14	CHORI-322	3L	5962034	5982478
CH322-51B15	CHORI-322	X	18151946	18176294
CH322-51B16	CHORI-322	2RHet	570376	590850
CH322-51B17	CHORI-322	2L	21082996	21100803
CH322-51B20	CHORI-322	3R	8987955	9008173
CH322-51B22	CHORI-322	3R	13155334	13177270
CH322-51C01	CHORI-322	3R	3823763	3843569
CH322-51C02	CHORI-322	2R	12759059	12777950
CH322-51C03	CHORI-322	3R	3373435	3394742
CH322-51C04	CHORI-322	3L	23053363	23073766
CH322-51C05	CHORI-322	X	1276361	1295780
CH322-51C06	CHORI-322	2L	1659686	1679134
CH322-51C08	CHORI-322	3L	7067471	7088678
CH322-51C11	CHORI-322	3R	6374225	6393381
CH322-51D02	CHORI-322	3R	16755817	16773412
CH322-51D05	CHORI-322	3R	19839577	19863558
CH322-51D06	CHORI-322	2R	3143584	3164215
CH322-51D07	CHORI-322	2L	2997467	3016232

CH322-51D11	CHORI-322	2R	4663556	4683401
CH322-51D13	CHORI-322	2L	20900330	20920688
CH322-51E03	CHORI-322	2R	9224424	9241736
CH322-51E04	CHORI-322	X	7324129	7346930
CH322-51E10	CHORI-322	2R	13507959	13527401
CH322-51E14	CHORI-322	2R	1013576	1033977
CH322-51E16	CHORI-322	3R	11909790	11932746
CH322-51E19	CHORI-322	2R	6384040	6405294
CH322-51F03	CHORI-322	3R	406527	424976
CH322-51F04	CHORI-322	3L	16425316	16446015
CH322-51F12	CHORI-322	2L	15630819	15650564
CH322-51F23	CHORI-322	3L	20864385	20885373
CH322-51G01	CHORI-322	3R	19736598	19757780
CH322-51G03	CHORI-322	X	20867610	20884931
CH322-51G12	CHORI-322	2R	20585202	20602018
CH322-51G14	CHORI-322	2R	9558847	9579746
CH322-51H01	CHORI-322	X	5048056	5069702
CH322-51H02	CHORI-322	3L	17873392	17893687
CH322-51H09	CHORI-322	3R	18925041	18943017
CH322-51H14	CHORI-322	2R	9916499	9939657
CH322-51I01	CHORI-322	3L	663140	683497
CH322-51I03	CHORI-322	X	9646016	9669934
CH322-51I10	CHORI-322	2L	15382687	15403082
CH322-51J01	CHORI-322	X	2662309	2681517
CH322-51J16	CHORI-322	3R	20967231	20987199
CH322-51K01	CHORI-322	3R	791335	811145
CH322-51K02	CHORI-322	2L	2738868	2760735
CH322-51K03	CHORI-322	3L	21888183	21911256
CH322-51K04	CHORI-322	2L	11772664	11792328
CH322-51K09	CHORI-322	2L	14183295	14203481
CH322-51K11	CHORI-322	3L	3472011	3491782
CH322-51K12	CHORI-322	2L	685143	704999
CH322-51L01	CHORI-322	3L	10373909	10394635
CH322-51L13	CHORI-322	2L	7798919	7819793
CH322-51L23	CHORI-322	2L	15101474	15120168
CH322-51M01	CHORI-322	3L	1781429	1803275
CH322-51M02	CHORI-322	3L	17161980	17182350
CH322-51M03	CHORI-322	3L	10680779	10699465
CH322-51M10	CHORI-322	3R	10682598	10702108
CH322-51M18	CHORI-322	2L	20463647	20484811
CH322-51M21	CHORI-322	X	4545661	4565774
CH322-51N01	CHORI-322	2R	18784994	18806218
CH322-51N02	CHORI-322	3R	4270286	4288782
CH322-51N22	CHORI-322	2R	7400885	7421183
CH322-51O01	CHORI-322	2R	3666330	3686784
CH322-51O06	CHORI-322	2L	8814479	8837037
CH322-51O12	CHORI-322	3L	11430742	11451149
CH322-51O17	CHORI-322	3R	3404243	3423843
CH322-51O18	CHORI-322	2L	15202006	15220047
CH322-51O24	CHORI-322	ArmU	133644	153658
CH322-51P02	CHORI-322	2R	13445706	13465608
CH322-51P04	CHORI-322	2R	9672511	9692315
CH322-51P06	CHORI-322	3R	14547723	14570160
CH322-53A01	CHORI-322	3L	14568724	14588758

CH322-53A02	CHORI-322	2R	14901095	14922377
CH322-53A03	CHORI-322	3R	6822430	6842538
CH322-53A04	CHORI-322	2L	1915895	1935641
CH322-53A05	CHORI-322	2L	1458470	1478052
CH322-53A06	CHORI-322	3L	13701367	13720856
CH322-53A08	CHORI-322	2R	20932864	20953374
CH322-53A09	CHORI-322	2R	5210934	5233089
CH322-53A10	CHORI-322	3R	4905478	4927067
CH322-53A11	CHORI-322	X	5705981	5727131
CH322-53A13	CHORI-322	2L	15390803	15412665
CH322-53A14	CHORI-322	3R	14305276	14328100
CH322-53A15	CHORI-322	2L	15478932	15501226
CH322-53A17	CHORI-322	2L	13459672	13479709
CH322-53A18	CHORI-322	X	8736577	8755920
CH322-53A21	CHORI-322	3R	11696543	11716444
CH322-53B01	CHORI-322	3L	12525449	12547011
CH322-53B02	CHORI-322	2R	2524349	2547590
CH322-53B03	CHORI-322	2L	13122964	13143424
CH322-53B04	CHORI-322	3L	6130125	6150331
CH322-53B05	CHORI-322	3R	7927329	7949123
CH322-53B06	CHORI-322	2L	16988473	17009537
CH322-53B10	CHORI-322	2L	19202943	19226048
CH322-53B12	CHORI-322	X	7639429	7662572
CH322-53B14	CHORI-322	3L	961063	981965
CH322-53B15	CHORI-322	3L	3501842	3521404
CH322-53B16	CHORI-322	3R	9348370	9372001
CH322-53B17	CHORI-322	ArmU	1860282	1880772
CH322-53B18	CHORI-322	2L	9767694	9785899
CH322-53B21	CHORI-322	2L	19161179	19183538
CH322-53B22	CHORI-322	3R	27057840	27080248
CH322-53B23	CHORI-322	3R	10918080	10940549
CH322-53B24	CHORI-322	4	282843	302323
CH322-53C01	CHORI-322	3R	26073475	26093312
CH322-53C02	CHORI-322	X	10588161	10609451
CH322-53C03	CHORI-322	3L	20093676	20117577
CH322-53C04	CHORI-322	2L	3311438	3331244
CH322-53C05	CHORI-322	2L	16490272	16511041
CH322-53C06	CHORI-322	2R	4208735	4229435
CH322-53C11	CHORI-322	3R	102857	123408
CH322-53C13	CHORI-322	2L	1122081	1143077
CH322-53C15	CHORI-322	2L	2070707	2089298
CH322-53C16	CHORI-322	2R	11335359	11353773
CH322-53C17	CHORI-322	3L	2379858	2400551
CH322-53C18	CHORI-322	2L	21887385	21906643
CH322-53C21	CHORI-322	3R	16798840	16818685
CH322-53C23	CHORI-322	3R	13978780	13999710
CH322-53D01	CHORI-322	3R	1626961	1651601
CH322-53D02	CHORI-322	2R	5199316	5219036
CH322-53D03	CHORI-322	3L	8591184	8615357
CH322-53D04	CHORI-322	3L	11335152	11355605
CH322-53D05	CHORI-322	3L	18823468	18844130
CH322-53D09	CHORI-322	2R	16066565	16086483
CH322-53D12	CHORI-322	2R	9666880	9688005
CH322-53D13	CHORI-322	3L	9456595	9475982

CH322-53D14	CHORI-322	2R	14504267	14527734
CH322-53D15	CHORI-322	3R	27386659	27408037
CH322-53D16	CHORI-322	2R	5707066	5727661
CH322-53D17	CHORI-322	3L	15595699	15614095
CH322-53D18	CHORI-322	3R	20320071	20340894
CH322-53D20	CHORI-322	X	894148	915449
CH322-53E01	CHORI-322	X	12962669	12986561
CH322-53E02	CHORI-322	X	4779274	4798792
CH322-53E05	CHORI-322	2L	7698525	7718045
CH322-53E07	CHORI-322	3L	18068100	18089539
CH322-53E08	CHORI-322	3L	5648586	5669457
CH322-53E09	CHORI-322	3L	10925272	10946035
CH322-53E11	CHORI-322	3L	14568724	14588758
CH322-53E14	CHORI-322	3R	3436758	3457772
CH322-53E15	CHORI-322	3L	7412606	7432221
CH322-53E18	CHORI-322	X	4006090	4028112
CH322-53E19	CHORI-322	X	522041	547758
CH322-53E20	CHORI-322	2L	21887385	21906643
CH322-53E21	CHORI-322	X	5705981	5727128
CH322-53F01	CHORI-322	3L	12278079	12298489
CH322-53F02	CHORI-322	3L	7872478	7891815
CH322-53F03	CHORI-322	3L	2011191	2028479
CH322-53F05	CHORI-322	X	17333863	17354168
CH322-53F06	CHORI-322	3R	27870030	27892392
CH322-53F08	CHORI-322	X	17502701	17522992
CH322-53F09	CHORI-322	2R	15873970	15895784
CH322-53F10	CHORI-322	2R	16987916	17006891
CH322-53F13	CHORI-322	X	20293442	20316211
CH322-53F14	CHORI-322	2L	2312319	2330997
CH322-53F17	CHORI-322	2L	4051788	4072269
CH322-53F18	CHORI-322	2R	4487350	4510030
CH322-53F19	CHORI-322	3R	6681298	6702661
CH322-53F20	CHORI-322	2R	10011896	10032968
CH322-53F21	CHORI-322	2L	4797337	4815439
CH322-53G01	CHORI-322	3R	16122811	16143309
CH322-53G02	CHORI-322	3L	20016665	20039444
CH322-53G03	CHORI-322	X	11703341	11723562
CH322-53G06	CHORI-322	X	4076443	4095558
CH322-53G07	CHORI-322	2R	6219220	6241613
CH322-53G09	CHORI-322	3R	10839912	10860122
CH322-53G11	CHORI-322	3R	5251526	5274891
CH322-53G14	CHORI-322	3R	8825877	8847813
CH322-53G16	CHORI-322	3R	19328217	19352123
CH322-53G17	CHORI-322	2R	5011617	5031704
CH322-53G18	CHORI-322	3R	8448223	8469830
CH322-53G19	CHORI-322	2L	21068668	21090631
CH322-53G20	CHORI-322	3L	19492509	19510956
CH322-53G22	CHORI-322	3L	21488098	21510746
CH322-53H01	CHORI-322	2R	18864653	18885863
CH322-53H02	CHORI-322	2L	1198914	1219386
CH322-53H03	CHORI-322	2L	20237858	20259746
CH322-53H04	CHORI-322	2L	13335994	13359808
CH322-53H05	CHORI-322	3L	518567	536874
CH322-53H06	CHORI-322	X	20448521	20468148

CH322-53H08	CHORI-322	2L	12853155	12875745
CH322-53H10	CHORI-322	X	16048959	16068637
CH322-53H11	CHORI-322	3L	5971543	5994906
CH322-53H12	CHORI-322	3R	6299552	6320512
CH322-53H13	CHORI-322	3L	3959636	3978557
CH322-53H15	CHORI-322	2RHet	1928786	1949366
CH322-53H16	CHORI-322	2R	12078717	12099395
CH322-53H17	CHORI-322	2R	2701947	2726430
CH322-53H18	CHORI-322	3R	16712238	16734724
CH322-53H19	CHORI-322	3L	10925272	10945553
CH322-53H22	CHORI-322	2R	13843586	13865285
CH322-53H24	CHORI-322	3L	12017171	12037912
CH322-53I04	CHORI-322	X	16696189	16718146
CH322-53I05	CHORI-322	2R	16763155	16782769
CH322-53I06	CHORI-322	2L	18975268	18997637
CH322-53I07	CHORI-322	2L	7540381	7558793
CH322-53I08	CHORI-322	2L	2614785	2638119
CH322-53I10	CHORI-322	X	13250068	13271507
CH322-53I11	CHORI-322	2R	16066565	16086481
CH322-53I12	CHORI-322	X	16702374	16721469
CH322-53I13	CHORI-322	3L	12527828	12549905
CH322-53I14	CHORI-322	3L	223982	246324
CH322-53I15	CHORI-322	3R	7716193	7740379
CH322-53I17	CHORI-322	X	12725304	12744078
CH322-53I18	CHORI-322	2L	17182862	17206910
CH322-53I19	CHORI-322	3L	18823468	18844130
CH322-53I21	CHORI-322	2R	3278457	3299514
CH322-53I22	CHORI-322	3L	3906100	3927338
CH322-53J03	CHORI-322	3L	14090123	14110080
CH322-53J04	CHORI-322	3R	3684033	3705761
CH322-53J05	CHORI-322	2L	14744043	14763305
CH322-53J07	CHORI-322	3R	17916770	17938725
CH322-53J08	CHORI-322	3RHet	1910857	1931753
CH322-53J09	CHORI-322	2R	6022909	6041671
CH322-53J10	CHORI-322	2R	5205222	5225331
CH322-53J11	CHORI-322	3R	1977990	1999032
CH322-53J13	CHORI-322	3R	24007631	24029281
CH322-53J14	CHORI-322	3L	4842074	4861649
CH322-53J15	CHORI-322	3L	20358227	20379390
CH322-53J16	CHORI-322	X	17333863	17354168
CH322-53J18	CHORI-322	3R	16267566	16287345
CH322-53J20	CHORI-322	3R	6358958	6379474
CH322-53J22	CHORI-322	2R	5985062	6003431
CH322-53K03	CHORI-322	3R	18114429	18134291
CH322-53K05	CHORI-322	2L	20935787	20956267
CH322-53K06	CHORI-322	3R	16267566	16287345
CH322-53K07	CHORI-322	3L	22172575	22192499
CH322-53K09	CHORI-322	X	3845755	3868616
CH322-53K10	CHORI-322	3R	9069588	9089458
CH322-53K13	CHORI-322	3R	21331505	21353025
CH322-53K14	CHORI-322	3L	21373569	21393839
CH322-53K15	CHORI-322	2L	1588628	1611160
CH322-53K16	CHORI-322	3L	10168551	10189338
CH322-53K17	CHORI-322	2L	11768576	11790611

CH322-53K18	CHORI-322	2R	4487350	4510030
CH322-53K19	CHORI-322	2L	21082004	21103102
CH322-53K21	CHORI-322	3L	8591184	8615357
CH322-53K22	CHORI-322	3L	2482127	2502331
CH322-53L01	CHORI-322	3R	14684351	14702516
CH322-53L03	CHORI-322	2L	10044535	10064896
CH322-53L04	CHORI-322	3L	8337748	8360035
CH322-53L05	CHORI-322	2L	15538454	15559300
CH322-53L09	CHORI-322	3R	8599773	8619164
CH322-53L10	CHORI-322	3R	16733129	16751929
CH322-53L12	CHORI-322	2L	17640084	17659045
CH322-53L14	CHORI-322	2L	15971083	15989396
CH322-53L15	CHORI-322	2L	21887385	21906643
CH322-53L18	CHORI-322	2L	8006282	8028124
CH322-53L19	CHORI-322	3R	3436758	3457772
CH322-53L21	CHORI-322	2L	6012145	6036538
CH322-53M01	CHORI-322	3L	20238197	20257481
CH322-53M02	CHORI-322	3R	2489065	2510082
CH322-53M05	CHORI-322	2L	4043600	4063363
CH322-53M06	CHORI-322	2R	19820665	19843987
CH322-53M07	CHORI-322	2L	3078295	3098434
CH322-53M08	CHORI-322	3RHet	621825	643891
CH322-53M09	CHORI-322	2R	5907854	5927478
CH322-53M10	CHORI-322	X	15650481	15671410
CH322-53M11	CHORI-322	3R	1646673	1671539
CH322-53M13	CHORI-322	2R	2405879	2426951
CH322-53M14	CHORI-322	3R	6077508	6099812
CH322-53M15	CHORI-322	X	13759529	13781623
CH322-53M17	CHORI-322	3R	5161455	5180597
CH322-53M18	CHORI-322	2L	1832575	1854129
CH322-53M19	CHORI-322	3R	18040016	18060633
CH322-53M20	CHORI-322	2R	13092484	13115106
CH322-53M21	CHORI-322	3L	8322485	8341164
CH322-53M22	CHORI-322	X	5424075	5444085
CH322-53N01	CHORI-322	3R	7758314	7779512
CH322-53N02	CHORI-322	2L	13122964	13143424
CH322-53N03	CHORI-322	3R	24448968	24469267
CH322-53N04	CHORI-322	3R	322679	343404
CH322-53N07	CHORI-322	2L	11859263	11881132
CH322-53N08	CHORI-322	3L	18432870	18454876
CH322-53N10	CHORI-322	3L	14625014	14643984
CH322-53N14	CHORI-322	2L	10058436	10079676
CH322-53N15	CHORI-322	2R	17414130	17435240
CH322-53N16	CHORI-322	3L	22656088	22679612
CH322-53N19	CHORI-322	3R	21286423	21306784
CH322-53N21	CHORI-322	3L	11468256	11488348
CH322-53N22	CHORI-322	2L	9472968	9492016
CH322-53N23	CHORI-322	3R	2106587	2127049
CH322-53N24	CHORI-322	3R	2983265	3003633
CH322-53O03	CHORI-322	3L	22695748	22718209
CH322-53O04	CHORI-322	3L	4842074	4861649
CH322-53O08	CHORI-322	3L	10090831	10109873
CH322-53O09	CHORI-322	3R	17051674	17073472
CH322-53O11	CHORI-322	3R	16407054	16426591

CH322-53O12	CHORI-322	X	522041	547758
CH322-53O15	CHORI-322	3R	5100432	5120070
CH322-53O17	CHORI-322	3L	15114959	15138605
CH322-53O19	CHORI-322	2L	4797337	4815439
CH322-53O20	CHORI-322	3L	11841611	11860694
CH322-53O21	CHORI-322	3R	21973959	21993406
CH322-53O22	CHORI-322	3R	9172410	9192313
CH322-53P02	CHORI-322	3R	1684454	1704963
CH322-53P03	CHORI-322	3R	8448223	8469830
CH322-53P04	CHORI-322	2R	15683281	15703553
CH322-53P05	CHORI-322	3L	19492509	19510956
CH322-53P06	CHORI-322	3R	10906638	10924735
CH322-53P07	CHORI-322	2L	8089356	8109911
CH322-53P08	CHORI-322	2L	164712	188422
CH322-53P09	CHORI-322	3L	260507	280156
CH322-53P10	CHORI-322	2R	3658730	3675197
CH322-53P11	CHORI-322	3R	23860769	23882658
CH322-53P14	CHORI-322	3R	14120946	14141191
CH322-53P16	CHORI-322	2L	5623067	5642250
CH322-53P18	CHORI-322	2R	6637830	6660512
CH322-53P19	CHORI-322	3L	22642287	22662136
CH322-53P20	CHORI-322	3L	17488015	17508799
CH322-53P21	CHORI-322	3L	20358227	20379297
CH322-53P22	CHORI-322	3R	20690041	20710884
CH322-54A01	CHORI-322	3L	7776999	7796727
CH322-54A02	CHORI-322	2R	19070765	19090952
CH322-54A03	CHORI-322	2L	17949302	17968312
CH322-54A04	CHORI-322	3L	12017171	12037912
CH322-54A05	CHORI-322	2R	17286794	17308013
CH322-54A06	CHORI-322	2R	13843586	13865285
CH322-54A07	CHORI-322	2L	14157138	14178206
CH322-54A08	CHORI-322	3R	16712238	16734724
CH322-54A09	CHORI-322	3L	8164291	8184934
CH322-54A10	CHORI-322	2R	12078717	12099262
CH322-54A11	CHORI-322	3L	5567466	5586648
CH322-54A12	CHORI-322	3R	6299553	6320512
CH322-54A14	CHORI-322	X	16048959	16068637
CH322-54A15	CHORI-322	2L	15480898	15503222
CH322-54A16	CHORI-322	X	20448626	20468148
CH322-54A17	CHORI-322	3L	19858721	19877884
CH322-54A21	CHORI-322	3L	14625014	14643984
CH322-54A22	CHORI-322	3R	6370330	6393404
CH322-54A23	CHORI-322	2L	13341755	13361633
CH322-54A24	CHORI-322	2L	13120361	13141916
CH322-54B02	CHORI-322	3R	20674740	20695132
CH322-54B03	CHORI-322	3L	4866114	4889424
CH322-54B04	CHORI-322	2L	19831980	19852383
CH322-54B05	CHORI-322	X	3948153	3969394
CH322-54B06	CHORI-322	X	8817485	8837868
CH322-54B08	CHORI-322	2R	4842203	4861777
CH322-54B09	CHORI-322	X	1603835	1625793
CH322-54B10	CHORI-322	3R	3323908	3342644
CH322-54B11	CHORI-322	3R	17000150	17020967
CH322-54B13	CHORI-322	2R	11348696	11371791

CH322-54B14	CHORI-322	2L	18722690	18741492
CH322-54B16	CHORI-322	X	16996448	17017855
CH322-54B17	CHORI-322	3L	2569427	2588683
CH322-54B18	CHORI-322	3L	12277593	12294880
CH322-54B20	CHORI-322	3R	16195885	16216229
CH322-54B21	CHORI-322	3L	5624175	5645939
CH322-54B22	CHORI-322	3R	18818710	18838383
CH322-54B23	CHORI-322	ArmU	1187735	1207230
CH322-54C01	CHORI-322	X	1195471	1214905
CH322-54C02	CHORI-322	2L	2265829	2286271
CH322-54C05	CHORI-322	3R	18470227	18487735
CH322-54C11	CHORI-322	3R	15024330	15044134
CH322-54C12	CHORI-322	3R	4579151	4601057
CH322-54C13	CHORI-322	X	2246179	2265176
CH322-54C15	CHORI-322	2R	8608867	8630162
CH322-54C16	CHORI-322	3R	9292267	9314977
CH322-54C17	CHORI-322	3R	24829119	24848964
CH322-54C20	CHORI-322	X	14845297	14864934
CH322-54C22	CHORI-322	2R	6859760	6880236
CH322-54D01	CHORI-322	3L	7206375	7226580
CH322-54D02	CHORI-322	3L	20705801	20724801
CH322-54D04	CHORI-322	3R	14061463	14082834
CH322-54D06	CHORI-322	3R	22868516	22888354
CH322-54D09	CHORI-322	3R	3018552	3039674
CH322-54D10	CHORI-322	2L	20911022	20930921
CH322-54D11	CHORI-322	2R	1387564	1407590
CH322-54D12	CHORI-322	3R	13114571	13135038
CH322-54D15	CHORI-322	3R	24441490	24463706
CH322-54D17	CHORI-322	3L	9740635	9761848
CH322-54D18	CHORI-322	3L	21804388	21824489
CH322-54D21	CHORI-322	2L	9115423	9133847
CH322-54D22	CHORI-322	3R	18682572	18702089
CH322-54E02	CHORI-322	3L	12075894	12094639
CH322-54E03	CHORI-322	3L	10925274	10945553
CH322-54E04	CHORI-322	2L	9547973	9571375
CH322-54E05	CHORI-322	3R	12495101	12517026
CH322-54E06	CHORI-322	2L	15480898	15503222
CH322-54E07	CHORI-322	3L	3959636	3978557
CH322-54E08	CHORI-322	2L	13341755	13361633
CH322-54E10	CHORI-322	2L	10058436	10079676
CH322-54E11	CHORI-322	3L	518567	536874
CH322-54E13	CHORI-322	3R	21481402	21501409
CH322-54E14	CHORI-322	3R	24829113	24848964
CH322-54E18	CHORI-322	3L	21197346	21216915
CH322-54E20	CHORI-322	3L	9067768	9090140
CH322-54E21	CHORI-322	X	6525667	6545150
CH322-54E24	CHORI-322	3R	13161227	13181385
CH322-54F01	CHORI-322	2R	18360107	18380789
CH322-54F02	CHORI-322	3R	27262367	27281338
CH322-54F03	CHORI-322	3R	21511998	21531947
CH322-54F04	CHORI-322	3R	19971491	19991531
CH322-54F06	CHORI-322	X	10130847	10151962
CH322-54F07	CHORI-322	3R	1039523	1059886
CH322-54F08	CHORI-322	3R	21232038	21251926

CH322-54F09	CHORI-322	X	4126124	4146299
CH322-54F11	CHORI-322	3R	11759345	11780344
CH322-54F13	CHORI-322	2R	16700234	16721443
CH322-54F14	CHORI-322	X	5800973	5820440
CH322-54F15	CHORI-322	3L	5260657	5280748
CH322-54F17	CHORI-322	3R	16195885	16216229
CH322-54F18	CHORI-322	3R	24464387	24485975
CH322-54F22	CHORI-322	2L	9115423	9133854
CH322-54F24	CHORI-322	3R	24441490	24463706
CH322-54G03	CHORI-322	2L	18916816	18937744
CH322-54G04	CHORI-322	3R	16986001	17008096
CH322-54G06	CHORI-322	3L	13685759	13704121
CH322-54G07	CHORI-322	X	4601938	4622016
CH322-54G09	CHORI-322	2R	11933060	11954216
CH322-54G14	CHORI-322	2R	17435413	17459480
CH322-54G17	CHORI-322	2R	13580580	13600075
CH322-54G20	CHORI-322	3R	2386181	2406763
CH322-54G21	CHORI-322	X	18659475	18680010
CH322-54H01	CHORI-322	X	12053619	12071299
CH322-54H03	CHORI-322	2L	19519481	19539907
CH322-54H04	CHORI-322	3R	501405	523789
CH322-54H06	CHORI-322	3L	15821877	15841159
CH322-54H08	CHORI-322	2R	12532076	12554635
CH322-54H09	CHORI-322	3L	16819077	16839932
CH322-54H10	CHORI-322	2L	7158577	7180182
CH322-54H11	CHORI-322	2R	17130776	17153021
CH322-54H13	CHORI-322	X	20514720	20534142
CH322-54H14	CHORI-322	3R	4276872	4296140
CH322-54H15	CHORI-322	3L	4505789	4524729
CH322-54H16	CHORI-322	X	13618001	13640344
CH322-54H17	CHORI-322	X	488494	509640
CH322-54H18	CHORI-322	2R	10259516	10279035
CH322-54H19	CHORI-322	2L	7670049	7691813
CH322-54H22	CHORI-322	2R	1387563	1407590
CH322-54I01	CHORI-322	X	17052895	17073685
CH322-54I03	CHORI-322	X	9357113	9376433
CH322-54I04	CHORI-322	2R	18492369	18513987
CH322-54I05	CHORI-322	3R	8057033	8077381
CH322-54I07	CHORI-322	2L	15538454	15559300
CH322-54I09	CHORI-322	3R	14684423	14702516
CH322-54I11	CHORI-322	3R	24448968	24469267
CH322-54I14	CHORI-322	3L	22438373	22458933
CH322-54I19	CHORI-322	2R	2736715	2760336
CH322-54I22	CHORI-322	3R	20716200	20735436
CH322-54J01	CHORI-322	3L	22358968	22380849
CH322-54J02	CHORI-322	3L	1278520	1300333
CH322-54J03	CHORI-322	3R	18025243	18047580
CH322-54J05	CHORI-322	2L	20937239	20956267
CH322-54J06	CHORI-322	3R	14682692	14703084
CH322-54J07	CHORI-322	2L	10242505	10263216
CH322-54J08	CHORI-322	2R	12002321	12022814
CH322-54J09	CHORI-322	X	11973855	11994799
CH322-54J10	CHORI-322	X	18661068	18683611
CH322-54J11	CHORI-322	3L	4627411	4648054

CH322-54J12	CHORI-322	2R	5490070	5509351
CH322-54J14	CHORI-322	X	11352510	11371540
CH322-54J18	CHORI-322	3L	7044751	7068070
CH322-54J20	CHORI-322	2RHet	531023	552868
CH322-54J21	CHORI-322	X	10926537	10950262
CH322-54K02	CHORI-322	2R	13580580	13600075
CH322-54K03	CHORI-322	2R	12436101	12458194
CH322-54K05	CHORI-322	X	10428471	10449664
CH322-54K09	CHORI-322	2R	9550675	9570362
CH322-54K13	CHORI-322	2R	14755454	14777458
CH322-54K17	CHORI-322	X	20430179	20450720
CH322-54K19	CHORI-322	X	11734178	11753640
CH322-54K20	CHORI-322	3L	23688130	23711107
CH322-54K23	CHORI-322	3L	15477801	15499385
CH322-54L04	CHORI-322	2R	10272573	10295824
CH322-54L05	CHORI-322	3R	5288050	5309161
CH322-54L07	CHORI-322	3L	21266698	21285102
CH322-54L10	CHORI-322	2R	8385901	8407577
CH322-54L11	CHORI-322	3R	8096568	8116403
CH322-54L14	CHORI-322	2L	10707066	10727365
CH322-54L19	CHORI-322	3L	20807923	20828644
CH322-54L21	CHORI-322	2R	13532804	13554093
CH322-54L22	CHORI-322	3L	7206375	7226580
CH322-54L23	CHORI-322	2R	9192607	9213602
CH322-54M06	CHORI-322	3R	13304945	13327593
CH322-54M11	CHORI-322	2L	16988533	17009537
CH322-54M12	CHORI-322	X	12898240	12918621
CH322-54M13	CHORI-322	3L	12066181	12086388
CH322-54M14	CHORI-322	4	1190788	1211471
CH322-54M15	CHORI-322	2L	19202943	19226048
CH322-54M17	CHORI-322	2L	15038399	15057844
CH322-54M19	CHORI-322	X	7639434	7662572
CH322-54N01	CHORI-322	2L	12951751	12972882
CH322-54N02	CHORI-322	X	7576965	7596863
CH322-54N03	CHORI-322	X	4405475	4426354
CH322-54N05	CHORI-322	2R	12405085	12423836
CH322-54N07	CHORI-322	2L	9560756	9583803
CH322-54N08	CHORI-322	3L	15344879	15367424
CH322-54N09	CHORI-322	X	8219678	8238612
CH322-54N12	CHORI-322	2R	14817524	14835247
CH322-54N14	CHORI-322	2L	10107446	10125359
CH322-54N15	CHORI-322	X	13204797	13224533
CH322-54N17	CHORI-322	3L	10859373	10881181
CH322-54N18	CHORI-322	2R	14618018	14640060
CH322-54N19	CHORI-322	3R	8705983	8728829
CH322-54N20	CHORI-322	X	20514720	20534146
CH322-54N23	CHORI-322	3R	9273021	9293558
CH322-54N24	CHORI-322	3L	16819077	16839932
CH322-54O01	CHORI-322	3R	17305893	17326654
CH322-54O02	CHORI-322	X	5736619	5756688
CH322-54O03	CHORI-322	3L	22730223	22750766
CH322-54O09	CHORI-322	3L	5566934	5587355
CH322-54O14	CHORI-322	3L	10458874	10477329
CH322-54O15	CHORI-322	2R	8315932	8335234

CH322-54O17	CHORI-322	2L	14745368	14764922
CH322-54O19	CHORI-322	2R	12581202	12603695
CH322-54O23	CHORI-322	3R	26469824	26492258
CH322-54P01	CHORI-322	2R	1885723	1906261
CH322-54P02	CHORI-322	X	3082761	3104229
CH322-54P03	CHORI-322	X	5686668	5706733
CH322-54P04	CHORI-322	2R	2424338	2447026
CH322-54P06	CHORI-322	3L	7966708	7985974
CH322-54P07	CHORI-322	3R	12882666	12905491
CH322-54P09	CHORI-322	X	8085783	8104809
CH322-54P11	CHORI-322	X	8348169	8370387
CH322-54P12	CHORI-322	3R	15064513	15085174
CH322-54P13	CHORI-322	3L	15301267	15321346
CH322-54P18	CHORI-322	X	11119544	11141584
CH322-54P20	CHORI-322	2L	2965233	2984466
CH322-54P23	CHORI-322	X	8006549	8030705
CH322-54P24	CHORI-322	2L	19519481	19539906
CH322-55A01	CHORI-322	2R	2975877	2995209
CH322-55A02	CHORI-322	X	13049363	13069479
CH322-55A04	CHORI-322	X	8630804	8650492
CH322-55A05	CHORI-322	2L	9362075	9380734
CH322-55A06	CHORI-322	2R	10259516	10279035
CH322-55A07	CHORI-322	3L	5383225	5404566
CH322-55A08	CHORI-322	3R	4276872	4296139
CH322-55A09	CHORI-322	3R	20748880	20773493
CH322-55A10	CHORI-322	3R	501405	523789
CH322-55A11	CHORI-322	X	465092	487671
CH322-55A13	CHORI-322	2R	14373705	14395584
CH322-55A15	CHORI-322	2R	8164932	8183218
CH322-55A16	CHORI-322	2R	11024666	11046212
CH322-55A17	CHORI-322	X	2913384	2936569
CH322-55A18	CHORI-322	2R	14634484	14655864
CH322-55A20	CHORI-322	2L	12888223	12911864
CH322-55A21	CHORI-322	2R	2046860	2067558
CH322-55A22	CHORI-322	X	15052353	15071811
CH322-55A24	CHORI-322	2L	14366871	14389545
CH322-55B01	CHORI-322	2R	4811725	4832991
CH322-55B02	CHORI-322	2R	2006091	2026658
CH322-55B03	CHORI-322	2R	2927154	2946311
CH322-55B04	CHORI-322	2L	4683718	4704265
CH322-55B06	CHORI-322	3L	15527331	15546885
CH322-55B07	CHORI-322	3L	17124189	17145583
CH322-55B08	CHORI-322	3L	12655408	12674819
CH322-55B09	CHORI-322	2L	1431094	1451292
CH322-55B10	CHORI-322	X	11949806	11969312
CH322-55B11	CHORI-322	2R	4151369	4174319
CH322-55B12	CHORI-322	X	2635214	2655892
CH322-55B13	CHORI-322	3L	7633902	7652065
CH322-55B15	CHORI-322	3L	16618321	16639704
CH322-55B16	CHORI-322	3L	3510130	3529638
CH322-55B18	CHORI-322	3R	26523142	26543040
CH322-55B19	CHORI-322	2L	14218933	14239668
CH322-55B20	CHORI-322	X	11157896	11177704
CH322-55B22	CHORI-322	2L	8965215	8986979

CH322-55C01	CHORI-322	3L	6639703	6661730
CH322-55C02	CHORI-322	2L	4422414	4445885
CH322-55C03	CHORI-322	2R	5174412	5194883
CH322-55C04	CHORI-322	2L	22141105	22163339
CH322-55C06	CHORI-322	2R	12557504	12577841
CH322-55C08	CHORI-322	2R	4618684	4640629
CH322-55C09	CHORI-322	2R	12173559	12193864
CH322-55C11	CHORI-322	3L	11983475	12005831
CH322-55C12	CHORI-322	3R	9057423	9078692
CH322-55C13	CHORI-322	3R	22078829	22099330
CH322-55C14	CHORI-322	2R	4175835	4196201
CH322-55C16	CHORI-322	2L	20508746	20527877
CH322-55C17	CHORI-322	2R	14155570	14177183
CH322-55C19	CHORI-322	3R	5093830	5114018
CH322-55C20	CHORI-322	2L	10223117	10244238
CH322-55C22	CHORI-322	3L	632112	652208
CH322-55C23	CHORI-322	2L	18463559	18483638
CH322-55C24	CHORI-322	2R	7711031	7732997
CH322-55D01	CHORI-322	3R	5692540	5711482
CH322-55D05	CHORI-322	4	300816	320972
CH322-55D06	CHORI-322	X	20578689	20600686
CH322-55D07	CHORI-322	X	12879921	12898243
CH322-55D09	CHORI-322	3L	22765970	22785290
CH322-55D10	CHORI-322	3L	19212933	19232098
CH322-55D16	CHORI-322	3R	18749748	18768588
CH322-55D18	CHORI-322	2L	10340921	10360228
CH322-55D21	CHORI-322	3L	1651175	1675020
CH322-55D24	CHORI-322	X	22119018	22138768
CH322-55E01	CHORI-322	3L	11745349	11765643
CH322-55E02	CHORI-322	3R	8105543	8125946
CH322-55E03	CHORI-322	3R	10728448	10747289
CH322-55E05	CHORI-322	3R	21638642	21658454
CH322-55E10	CHORI-322	3R	18005218	18026618
CH322-55E11	CHORI-322	2L	14761676	14783145
CH322-55E13	CHORI-322	X	474747	496519
CH322-55E16	CHORI-322	2R	4717661	4739137
CH322-55E19	CHORI-322	3R	27092279	27112052
CH322-55E21	CHORI-322	2L	14380168	14400999
CH322-55E22	CHORI-322	2R	4150461	4167881
CH322-55E23	CHORI-322	X	14662892	14682912
CH322-55E24	CHORI-322	3R	3835273	3854573
CH322-55F01	CHORI-322	X	18109408	18128607
CH322-55F02	CHORI-322	2R	12183069	12206382
CH322-55F03	CHORI-322	2R	18177501	18196457
CH322-55F05	CHORI-322	2L	5029462	5051484
CH322-55F06	CHORI-322	3L	495015	518570
CH322-55F07	CHORI-322	3R	27640848	27660486
CH322-55F12	CHORI-322	2L	2423834	2446993
CH322-55F13	CHORI-322	3L	22285198	22305701
CH322-55F16	CHORI-322	3L	5207719	5227651
CH322-55F22	CHORI-322	2L	8289762	8312607
CH322-55G01	CHORI-322	2R	5328022	5350100
CH322-55G02	CHORI-322	X	6840520	6858167
CH322-55G04	CHORI-322	2R	2975877	2995209

CH322-55G06	CHORI-322	2R	2424338	2447026
CH322-55G07	CHORI-322	2R	8866122	8885662
CH322-55G14	CHORI-322	2R	3742440	3761953
CH322-55G17	CHORI-322	3L	20807923	20828644
CH322-55G23	CHORI-322	3L	12344013	12365104
CH322-55H01	CHORI-322	2L	2050020	2070873
CH322-55H11	CHORI-322	2R	9343070	9363140
CH322-55H15	CHORI-322	3L	552471	573461
CH322-55H18	CHORI-322	3L	3686314	3706179
CH322-55H19	CHORI-322	3L	13345872	13366546
CH322-55I01	CHORI-322	3R	12743808	12766681
CH322-55I02	CHORI-322	3L	694570	714611
CH322-55I03	CHORI-322	3L	19621278	19642474
CH322-55I12	CHORI-322	X	4129574	4149898
CH322-55I14	CHORI-322	2L	11075613	11097395
CH322-55I23	CHORI-322	3L	2299144	2322612
CH322-55J04	CHORI-322	3R	23426291	23451697
CH322-55J06	CHORI-322	X	10219125	10241235
CH322-55J11	CHORI-322	3L	5419225	5440124
CH322-55J12	CHORI-322	2L	14537262	14557311
CH322-55J20	CHORI-322	3R	11848481	11870730
CH322-55J22	CHORI-322	3L	15969126	15988940
CH322-55J23	CHORI-322	3R	4512192	4530382
CH322-55J24	CHORI-322	3R	20208809	20228201
CH322-55K02	CHORI-322	3R	7517116	7538314
CH322-55K04	CHORI-322	2R	16519459	16537674
CH322-55K06	CHORI-322	X	3143507	3164305
CH322-55K12	CHORI-322	3R	19359602	19382568
CH322-55K14	CHORI-322	3R	26742095	26761779
CH322-55K21	CHORI-322	2R	12866632	12886288
CH322-55K22	CHORI-322	2L	21286519	21307184
CH322-55K23	CHORI-322	X	18770316	18790656
CH322-55K24	CHORI-322	3L	13306325	13326468
CH322-55L01	CHORI-322	2R	14634484	14655864
CH322-55L02	CHORI-322	X	4639963	4663076
CH322-55L04	CHORI-322	2L	7795623	7814685
CH322-55L14	CHORI-322	3L	191978	215117
CH322-55L22	CHORI-322	3L	341235	361892
CH322-55L24	CHORI-322	3L	9594945	9612596
CH322-55M01	CHORI-322	X	14922827	14944057
CH322-55M02	CHORI-322	2L	14761675	14783145
CH322-55M06	CHORI-322	3R	24031976	24055143
CH322-55M07	CHORI-322	3L	542101	560732
CH322-55M08	CHORI-322	3L	19212933	19232098
CH322-55M10	CHORI-322	3L	9278532	9295033
CH322-55M11	CHORI-322	3L	9604597	9627330
CH322-55M12	CHORI-322	3R	26270221	26293210
CH322-55M16	CHORI-322	X	20578689	20600686
CH322-55M17	CHORI-322	2R	15128900	15150024
CH322-55M18	CHORI-322	3L	20702797	20722048
CH322-55M20	CHORI-322	2L	12518692	12538280
CH322-55M21	CHORI-322	X	6056787	6077571
CH322-55M22	CHORI-322	2R	14304164	14325210
CH322-55N01	CHORI-322	X	15052353	15071811

CH322-55N02	CHORI-322	3L	2023317	2042118
CH322-55N03	CHORI-322	3R	1852672	1875496
CH322-55N04	CHORI-322	3R	16495440	16514107
CH322-55N10	CHORI-322	3L	18867138	18890590
CH322-55N13	CHORI-322	2R	7771619	7794989
CH322-55N14	CHORI-322	X	4733851	4751149
CH322-55N15	CHORI-322	3L	21031323	21049681
CH322-55N16	CHORI-322	3L	1071618	1095807
CH322-55N18	CHORI-322	X	16757008	16776969
CH322-55N19	CHORI-322	X	19018153	19038918
CH322-55N20	CHORI-322	3R	7967904	7988660
CH322-55N21	CHORI-322	2L	14176126	14196215
CH322-55N22	CHORI-322	2R	9939265	9962952
CH322-55N24	CHORI-322	3L	7245673	7266227
CH322-55O02	CHORI-322	3L	19621278	19642474
CH322-55O06	CHORI-322	2R	8866122	8885662
CH322-55O07	CHORI-322	3L	3669323	3689777
CH322-55O10	CHORI-322	X	11020260	11039770
CH322-55O13	CHORI-322	2L	10549167	10568893
CH322-55O17	CHORI-322	2R	10806581	10827545
CH322-55O20	CHORI-322	3L	10793444	10812797
CH322-55O24	CHORI-322	2L	12701333	12723575
CH322-55P01	CHORI-322	3R	23782150	23803090
CH322-55P05	CHORI-322	3R	27487533	27507462
CH322-55P10	CHORI-322	2L	3836208	3856794
CH322-55P18	CHORI-322	2L	16059914	16080133
CH322-55P21	CHORI-322	3R	2248691	2269184
CH322-55P23	CHORI-322	3R	14748669	14767743
CH322-56A03	CHORI-322	4	301006	320976
CH322-56A04	CHORI-322	2L	4285568	4308020
CH322-56B01	CHORI-322	3L	17591524	17610621
CH322-57A05	CHORI-322	X	12305193	12325908
CH322-57A21	CHORI-322	2R	7790391	7813249
CH322-57B06	CHORI-322	2R	7832648	7851605
CH322-57D01	CHORI-322	2R	12703974	12725158
CH322-57D03	CHORI-322	3L	1057912	1078993
CH322-57H03	CHORI-322	3L	563454	584349
CH322-57H10	CHORI-322	X	9359257	9381802
CH322-57J16	CHORI-322	2L	1990379	2010747
CH322-57N02	CHORI-322	3L	15324346	15345141
CH322-58A10	CHORI-322	X	10880376	10901349
CH322-58A17	CHORI-322	3L	13204481	13223421
CH322-58A19	CHORI-322	2L	22291739	22309100
CH322-58A20	CHORI-322	2R	15535260	15555442
CH322-58A22	CHORI-322	2L	15143782	15167192
CH322-58A23	CHORI-322	2R	10149406	10170069
CH322-58B01	CHORI-322	2R	6264020	6282969
CH322-58B22	CHORI-322	2R	6721803	6742837
CH322-58C03	CHORI-322	3R	21680802	21701231
CH322-58C22	CHORI-322	X	7130036	7152909
CH322-58C23	CHORI-322	3L	19053704	19072990
CH322-58D22	CHORI-322	3R	23281860	23304687
CH322-58F24	CHORI-322	2R	18246150	18266602
CH322-58P01	CHORI-322	3R	10694461	10714712

CH322-59A05	CHORI-322	2L	15008846	15028874
CH322-59A06	CHORI-322	X	13726256	13747184
CH322-59A08	CHORI-322	2R	6730039	6752025
CH322-59A10	CHORI-322	3L	141792	161507
CH322-59A11	CHORI-322	X	14413872	14432762
CH322-59A12	CHORI-322	3L	20588982	20609391
CH322-59A14	CHORI-322	2L	16509256	16529624
CH322-59A16	CHORI-322	3L	6324030	6346454
CH322-59A17	CHORI-322	4	1112022	1130107
CH322-59A19	CHORI-322	2R	2790503	2809966
CH322-59A21	CHORI-322	3L	22086081	22105876
CH322-59A23	CHORI-322	3R	12318652	12341833
CH322-59B01	CHORI-322	3L	18104090	18124639
CH322-59B02	CHORI-322	3R	13123694	13145102
CH322-59B05	CHORI-322	3L	9751628	9772561
CH322-59B07	CHORI-322	X	3897391	3916215
CH322-59B08	CHORI-322	3R	18619889	18642595
CH322-59B09	CHORI-322	3R	20363659	20383989
CH322-59B12	CHORI-322	3L	4474935	4497514
CH322-59B14	CHORI-322	3R	17577311	17599185
CH322-59B15	CHORI-322	X	4439987	4461470
CH322-59B16	CHORI-322	2R	1470535	1491586
CH322-59B17	CHORI-322	3L	21709951	21731553
CH322-59B19	CHORI-322	3L	1837861	1860527
CH322-59B23	CHORI-322	2L	9571788	9590565
CH322-59C01	CHORI-322	2R	5759035	5780005
CH322-59C02	CHORI-322	3L	22442121	22463882
CH322-59C03	CHORI-322	X	16048785	16069021
CH322-59C05	CHORI-322	3L	6698536	6719455
CH322-59C06	CHORI-322	3L	16011884	16033070
CH322-59C09	CHORI-322	3L	16620556	16642845
CH322-59C12	CHORI-322	3L	8363683	8385662
CH322-59C13	CHORI-322	2L	7354518	7375507
CH322-59C15	CHORI-322	2L	10571079	10590593
CH322-59C17	CHORI-322	3L	17685893	17708107
CH322-59C19	CHORI-322	2L	11035403	11054277
CH322-59C20	CHORI-322	2L	20601792	20620602
CH322-59C21	CHORI-322	3L	6008334	6027261
CH322-59C22	CHORI-322	2L	15241457	15260979
CH322-59D02	CHORI-322	3L	1121207	1143044
CH322-59D03	CHORI-322	2L	19006886	19031311
CH322-59D06	CHORI-322	3L	4241081	4260963
CH322-59D09	CHORI-322	2R	17667259	17686276
CH322-59D10	CHORI-322	2R	6706040	6725306
CH322-59D11	CHORI-322	3R	15106710	15128246
CH322-59D12	CHORI-322	3R	822788	840581
CH322-59D13	CHORI-322	2R	15765070	15784851
CH322-59D14	CHORI-322	3R	18651045	18670497
CH322-59D17	CHORI-322	3R	11877135	11902108
CH322-59D18	CHORI-322	3R	23746308	23765502
CH322-59D19	CHORI-322	3L	10845396	10866137
CH322-59D20	CHORI-322	2L	13667348	13687283
CH322-59D21	CHORI-322	3L	20726628	20746723
CH322-59D24	CHORI-322	2R	8562744	8583384

CH322-59E01	CHORI-322	3R	19622913	19641293
CH322-59E02	CHORI-322	2R	8614939	8638107
CH322-59E03	CHORI-322	2L	7065649	7086274
CH322-59E05	CHORI-322	2L	10745026	10766306
CH322-59E06	CHORI-322	X	20695270	20717410
CH322-59E08	CHORI-322	3R	18889836	18911177
CH322-59E09	CHORI-322	3L	8904659	8925519
CH322-59E10	CHORI-322	3L	9361347	9383096
CH322-59E11	CHORI-322	3L	15983337	16002665
CH322-59E15	CHORI-322	3L	14630767	14650468
CH322-59E16	CHORI-322	2L	6178334	6200077
CH322-59E18	CHORI-322	2L	14203032	14224286
CH322-59E19	CHORI-322	2L	2618497	2638119
CH322-59E21	CHORI-322	X	15137777	15157856
CH322-59E23	CHORI-322	3L	22020532	22042787
CH322-59E24	CHORI-322	3L	14096708	14117356
CH322-59F01	CHORI-322	3L	17342257	17361327
CH322-59F02	CHORI-322	3R	15452342	15475496
CH322-59F04	CHORI-322	X	13189768	13213749
CH322-59F06	CHORI-322	2L	7969365	7989591
CH322-59F08	CHORI-322	X	4698882	4718318
CH322-59F10	CHORI-322	3L	19880952	19899778
CH322-59F14	CHORI-322	3L	10097375	10121318
CH322-59F19	CHORI-322	3L	2609740	2631992
CH322-59F21	CHORI-322	2R	12552632	12571216
CH322-59F24	CHORI-322	3L	12115188	12135746
CH322-59G01	CHORI-322	3L	11664891	11683722
CH322-59G02	CHORI-322	2R	18316726	18337284
CH322-59G09	CHORI-322	2L	13084028	13104784
CH322-59G10	CHORI-322	2R	12483616	12504340
CH322-59G11	CHORI-322	2RHet	1892216	1910722
CH322-59G20	CHORI-322	2L	10468438	10489625
CH322-59G21	CHORI-322	2R	11468253	11487347
CH322-59G23	CHORI-322	3R	24179818	24200667
CH322-59H04	CHORI-322	2L	17479335	17498125
CH322-59H06	CHORI-322	X	2686511	2707090
CH322-59H09	CHORI-322	2L	12188685	12207567
CH322-59H10	CHORI-322	3R	12581788	12602179
CH322-59H11	CHORI-322	3R	9055785	9078055
CH322-59H12	CHORI-322	X	21213010	21236238
CH322-59H14	CHORI-322	3L	21380667	21401321
CH322-59H16	CHORI-322	2L	18131802	18155291
CH322-59H17	CHORI-322	3R	4362391	4384246
CH322-59H18	CHORI-322	3R	14039669	14059989
CH322-59H19	CHORI-322	2R	10365775	10389494
CH322-59H21	CHORI-322	3L	20133293	20155250
CH322-59H22	CHORI-322	2L	4127187	4149062
CH322-59H24	CHORI-322	2L	13328084	13348250
CH322-59I01	CHORI-322	2L	17224059	17244795
CH322-59I11	CHORI-322	3L	3274363	3294208
CH322-59I15	CHORI-322	2R	5759035	5780005
CH322-59I23	CHORI-322	X	3566768	3586306
CH322-59I24	CHORI-322	3R	12029015	12048637
CH322-59J05	CHORI-322	2R	4182359	4202208

CH322-59J08	CHORI-322	2R	12218224	12240130
CH322-59J11	CHORI-322	3R	10293476	10310650
CH322-59J12	CHORI-322	3L	12594076	12616139
CH322-59J13	CHORI-322	3L	9678415	9699335
CH322-59J18	CHORI-322	3L	19403168	19423306
CH322-59J19	CHORI-322	2L	10611709	10630984
CH322-59J20	CHORI-322	2R	16557066	16580796
CH322-59J21	CHORI-322	3L	13598785	13620346
CH322-59J22	CHORI-322	2R	13768885	13790346
CH322-59J23	CHORI-322	X	6266152	6285444
CH322-59K01	CHORI-322	3R	7244618	7266132
CH322-59K07	CHORI-322	3L	13646875	13665577
CH322-59K10	CHORI-322	3R	16520128	16541605
CH322-59K12	CHORI-322	2L	20804359	20828081
CH322-59K13	CHORI-322	3R	24179818	24200696
CH322-59K17	CHORI-322	2L	8089356	8109561
CH322-59K20	CHORI-322	X	2107864	2128487
CH322-59K22	CHORI-322	3R	23746308	23765502
CH322-59L03	CHORI-322	X	14328676	14349667
CH322-59L04	CHORI-322	3R	1672181	1692241
CH322-59L05	CHORI-322	2L	14956425	14977055
CH322-59L07	CHORI-322	3L	3678565	3699729
CH322-59L10	CHORI-322	2L	1299625	1319921
CH322-59L14	CHORI-322	2R	19414865	19435993
CH322-59L15	CHORI-322	X	4903734	4923364
CH322-59L16	CHORI-322	2L	19006886	19031311
CH322-59L20	CHORI-322	3L	21506472	21526765
CH322-59L21	CHORI-322	2R	14542126	14564136
CH322-59L22	CHORI-322	3L	14731716	14751483
CH322-59M02	CHORI-322	2L	17224059	17244795
CH322-59M09	CHORI-322	2L	21931206	21951527
CH322-59M10	CHORI-322	2L	18567029	18585755
CH322-59M11	CHORI-322	X	10971562	10989662
CH322-59M12	CHORI-322	2L	13328084	13348250
CH322-59M13	CHORI-322	X	8896063	8919151
CH322-59M14	CHORI-322	3L	5313670	5336049
CH322-59M15	CHORI-322	2R	4182359	4202208
CH322-59M17	CHORI-322	3L	878384	897490
CH322-59M21	CHORI-322	3R	10293476	10310650
CH322-59M23	CHORI-322	3L	9678415	9699335
CH322-59N03	CHORI-322	2L	11856682	11880048
CH322-59N05	CHORI-322	3R	6964750	6983852
CH322-59N06	CHORI-322	X	18068889	18090800
CH322-59N09	CHORI-322	3R	6482711	6502804
CH322-59N13	CHORI-322	3L	20588982	20609391
CH322-59N14	CHORI-322	2L	9339905	9362078
CH322-59N15	CHORI-322	3L	6324030	6346454
CH322-59N18	CHORI-322	2L	1576469	1595652
CH322-59N19	CHORI-322	2L	16527960	16547854
CH322-59N20	CHORI-322	2L	5560620	5582495
CH322-59N21	CHORI-322	3L	7487518	7507088
CH322-59N22	CHORI-322	3L	23949067	23970311
CH322-59O01	CHORI-322	X	4653612	4674339
CH322-59O03	CHORI-322	X	20733806	20753713

CH322-59O04	CHORI-322	3R	17336442	17356228
CH322-59O05	CHORI-322	3R	20850208	20872995
CH322-59O06	CHORI-322	X	19048059	19067651
CH322-59O07	CHORI-322	3R	15637695	15657326
CH322-59O09	CHORI-322	2L	16511109	16530500
CH322-59O10	CHORI-322	3L	18354829	18374657
CH322-59O11	CHORI-322	2L	18079244	18098715
CH322-59O12	CHORI-322	3L	16620550	16642845
CH322-59O13	CHORI-322	X	8297485	8316172
CH322-59O15	CHORI-322	2R	4387356	4410510
CH322-59O16	CHORI-322	2R	15959601	15980499
CH322-59P02	CHORI-322	3L	10585550	10605743
CH322-59P04	CHORI-322	3R	11511040	11530389
CH322-59P06	CHORI-322	3R	7992310	8013764
CH322-59P07	CHORI-322	2R	6706040	6725306
CH322-59P08	CHORI-322	2L	8082827	8102614
CH322-59P09	CHORI-322	3L	13733021	13750293
CH322-59P15	CHORI-322	2L	20602034	20620602
CH322-59P18	CHORI-322	2R	12405085	12424042
CH322-59P20	CHORI-322	3L	22505029	22526115
CH322-59P22	CHORI-322	3R	20363659	20383991
CH322-60A01	CHORI-322	3L	20398021	20419568
CH322-60A09	CHORI-322	3R	25342079	25362288
CH322-60A18	CHORI-322	2L	1152797	1172548
CH322-60M01	CHORI-322	3R	16753311	16773450
CH322-60P01	CHORI-322	2R	3618313	3637563
CH322-61A04	CHORI-322	2R	19160111	19178918
CH322-61A05	CHORI-322	3R	21632409	21655357
CH322-61A06	CHORI-322	3L	14794698	14813872
CH322-61A07	CHORI-322	2R	17137073	17156730
CH322-61A09	CHORI-322	X	9954288	9974206
CH322-61A11	CHORI-322	3L	500296	521538
CH322-61A12	CHORI-322	2R	3899666	3919687
CH322-61A17	CHORI-322	X	15580344	15599501
CH322-61A18	CHORI-322	X	16625940	16648533
CH322-61A19	CHORI-322	3R	4783001	4804451
CH322-61A20	CHORI-322	2R	16050370	16071429
CH322-61A22	CHORI-322	2L	17441363	17460242
CH322-61B03	CHORI-322	X	19354127	19373628
CH322-61B05	CHORI-322	3R	17784555	17805370
CH322-61B16	CHORI-322	3L	1574907	1595978
CH322-61B22	CHORI-322	2R	5425930	5446712
CH322-61B23	CHORI-322	3L	6812325	6831759
CH322-61B24	CHORI-322	2L	20815463	20835104
CH322-61C01	CHORI-322	2L	10816203	10837098
CH322-61C02	CHORI-322	2R	3937615	3957045
CH322-61C03	CHORI-322	2L	16465709	16484468
CH322-61C05	CHORI-322	2L	8057991	8081136
CH322-61C19	CHORI-322	2L	9860823	9882499
CH322-61C20	CHORI-322	3R	26358927	26379002
CH322-61C21	CHORI-322	2L	7645784	7663840
CH322-61C22	CHORI-322	3L	18537210	18559216
CH322-61C24	CHORI-322	X	2119938	2142815
CH322-61D01	CHORI-322	3R	8210227	8231601

CH322-61D02	CHORI-322	3R	25534848	25556975
CH322-61D04	CHORI-322	3L	14200727	14220447
CH322-61D05	CHORI-322	2R	15765070	15784851
CH322-61D06	CHORI-322	2R	11854472	11874873
CH322-61D09	CHORI-322	3R	6711772	6732655
CH322-61D11	CHORI-322	3L	7947458	7967540
CH322-61D14	CHORI-322	2L	10607099	10626805
CH322-61D20	CHORI-322	2L	11946140	11964719
CH322-61D21	CHORI-322	3R	1961424	1981876
CH322-61E01	CHORI-322	2R	15978842	15998475
CH322-61E02	CHORI-322	X	18000955	18021797
CH322-61E10	CHORI-322	3R	3407455	3429105
CH322-61E21	CHORI-322	3R	13652062	13671042
CH322-61E23	CHORI-322	3L	6294538	6314095
CH322-61E24	CHORI-322	3R	7167686	7187272
CH322-61F01	CHORI-322	3R	18098421	18116447
CH322-61F02	CHORI-322	2L	11017791	11036825
CH322-61F07	CHORI-322	2L	19246514	19265958
CH322-61F09	CHORI-322	3L	16082459	16102930
CH322-61F11	CHORI-322	2L	11913424	11932665
CH322-61F14	CHORI-322	2L	5393215	5414003
CH322-61F16	CHORI-322	3L	19525401	19546484
CH322-61F19	CHORI-322	2R	9849867	9871336
CH322-61F20	CHORI-322	3R	22981	42836
CH322-61F22	CHORI-322	3L	15625205	15646131
CH322-61F24	CHORI-322	3R	1720563	1740348
CH322-61G13	CHORI-322	2R	8870252	8893888
CH322-61G20	CHORI-322	2L	20941245	20961609
CH322-61G22	CHORI-322	X	2415807	2434759
CH322-61G24	CHORI-322	2L	3229256	3250321
CH322-61H01	CHORI-322	3L	4104380	4124632
CH322-61H03	CHORI-322	2R	5985062	6004520
CH322-61H04	CHORI-322	2L	8519870	8541460
CH322-61H05	CHORI-322	3L	11927240	11948527
CH322-61H06	CHORI-322	2L	790605	812912
CH322-61H10	CHORI-322	3R	15088369	15110878
CH322-61H11	CHORI-322	X	6680240	6700261
CH322-61H12	CHORI-322	3R	17019825	17043478
CH322-61H13	CHORI-322	3L	9933430	9951854
CH322-61H18	CHORI-322	3LHet	2192854	2213256
CH322-61H19	CHORI-322	4	704865	726636
CH322-61H20	CHORI-322	3R	15443157	15464444
CH322-61H21	CHORI-322	3L	3242520	3260823
CH322-61I03	CHORI-322	2R	18242928	18262799
CH322-61I08	CHORI-322	2R	17773956	17793995
CH322-61I09	CHORI-322	3L	15591117	15614683
CH322-61I11	CHORI-322	3R	10056974	10078413
CH322-61I13	CHORI-322	3R	20270536	20291008
CH322-61I15	CHORI-322	3L	13770670	13790873
CH322-61I22	CHORI-322	2L	1276555	1295848
CH322-61I23	CHORI-322	2R	5706092	5727244
CH322-61I24	CHORI-322	3L	18802785	18822599
CH322-61J03	CHORI-322	3L	17371120	17389356
CH322-61J07	CHORI-322	2R	17447154	17468601

CH322-61J08	CHORI-322	X	18721037	18741223
CH322-61J13	CHORI-322	3R	27387195	27407538
CH322-61J14	CHORI-322	2R	21122955	21143603
CH322-61J16	CHORI-322	2L	13476681	13496555
CH322-61J18	CHORI-322	X	17679942	17698826
CH322-61J22	CHORI-322	X	3659723	3679789
CH322-61J23	CHORI-322	3R	7963527	7987044
CH322-61J24	CHORI-322	2R	15549100	15568752
CH322-61K01	CHORI-322	X	11294058	11313503
CH322-61K02	CHORI-322	2R	5326938	5346429
CH322-61K03	CHORI-322	3R	17825531	17844778
CH322-61K09	CHORI-322	2L	14269432	14290569
CH322-61K12	CHORI-322	2L	8519870	8541460
CH322-61K13	CHORI-322	3L	3242520	3260823
CH322-61K15	CHORI-322	2R	8946584	8968104
CH322-61K16	CHORI-322	2L	13330282	13349874
CH322-61K22	CHORI-322	3R	4943254	4964866
CH322-61L01	CHORI-322	3L	10582848	10605186
CH322-61L02	CHORI-322	3L	17402970	17423444
CH322-61L05	CHORI-322	2R	17232949	17256535
CH322-61L06	CHORI-322	3R	22673673	22696090
CH322-61L13	CHORI-322	X	2119938	2142815
CH322-61L14	CHORI-322	2L	19890815	19912059
CH322-61L15	CHORI-322	3R	19888231	19909778
CH322-61L16	CHORI-322	2R	21048339	21066454
CH322-61L17	CHORI-322	X	9829519	9851120
CH322-61L20	CHORI-322	2R	15963293	15983451
CH322-61L21	CHORI-322	2L	6636295	6657506
CH322-61L22	CHORI-322	3L	19811103	19831750
CH322-61L23	CHORI-322	3L	20227825	20249384
CH322-61M01	CHORI-322	2L	170176	190335
CH322-61M03	CHORI-322	2R	3618313	3637580
CH322-61M05	CHORI-322	3R	4251040	4270358
CH322-61M06	CHORI-322	X	16486762	16505257
CH322-61M11	CHORI-322	3L	13546970	13566825
CH322-61M12	CHORI-322	3R	10433091	10454313
CH322-61M18	CHORI-322	3R	19801848	19819846
CH322-61M21	CHORI-322	X	14780583	14801036
CH322-61M22	CHORI-322	3R	14632400	14650985
CH322-61N02	CHORI-322	3R	15288582	15309860
CH322-61N03	CHORI-322	2R	2439231	2459577
CH322-61N04	CHORI-322	2L	11739558	11761044
CH322-61N05	CHORI-322	2R	15390162	15412389
CH322-61N06	CHORI-322	3L	2566963	2587646
CH322-61N07	CHORI-322	3L	22022650	22046186
CH322-61N08	CHORI-322	X	2115835	2137430
CH322-61N09	CHORI-322	2L	22426877	22450356
CH322-61N13	CHORI-322	3R	26731156	26751453
CH322-61N14	CHORI-322	3R	8153988	8176056
CH322-61N15	CHORI-322	2L	20095574	20117226
CH322-61N16	CHORI-322	3L	22385736	22405579
CH322-61N17	CHORI-322	3L	9777576	9799607
CH322-61N21	CHORI-322	3L	15273972	15293021
CH322-61O05	CHORI-322	3L	4993543	5012757

CH322-61O07	CHORI-322	2L	15768141	15785668
CH322-61O08	CHORI-322	3L	206389	228417
CH322-61O12	CHORI-322	2L	11739565	11761043
CH322-61O13	CHORI-322	2R	9407059	9424580
CH322-61O14	CHORI-322	2R	3329152	3346975
CH322-61O15	CHORI-322	3L	18114865	18135333
CH322-61O17	CHORI-322	3R	17627554	17649815
CH322-61P01	CHORI-322	X	5234835	5253800
CH322-61P02	CHORI-322	3R	21674591	21694413
CH322-61P03	CHORI-322	2L	3229382	3250321
CH322-61P12	CHORI-322	ArmU	1993664	2012659
CH322-61P13	CHORI-322	3R	8156976	8180731
CH322-61P14	CHORI-322	2R	16876688	16896675
CH322-61P16	CHORI-322	2R	7472049	7490114
CH322-61P17	CHORI-322	3R	23187869	23210361
CH322-61P18	CHORI-322	X	19225399	19246454
CH322-62A02	CHORI-322	2R	15963293	15983451
CH322-62A05	CHORI-322	2R	18032741	18051853
CH322-62A07	CHORI-322	3L	4604681	4627681
CH322-62A08	CHORI-322	3R	8101507	8121632
CH322-62A09	CHORI-322	2R	9385515	9403755
CH322-62A11	CHORI-322	2L	17068746	17088244
CH322-62A13	CHORI-322	3R	12574600	12595478
CH322-62A14	CHORI-322	3R	26721084	26742098
CH322-62A15	CHORI-322	2L	19185445	19206029
CH322-62A17	CHORI-322	3R	21485051	21506334
CH322-62A18	CHORI-322	2R	4762403	4782986
CH322-62A23	CHORI-322	3L	10160363	10179772
CH322-62A24	CHORI-322	ArmU	1165442	1184569
CH322-62B01	CHORI-322	2L	10439597	10459386
CH322-62B04	CHORI-322	3R	2778751	2798457
CH322-62B05	CHORI-322	X	19265385	19286523
CH322-62B06	CHORI-322	3R	11396889	11415258
CH322-62B07	CHORI-322	X	4389870	4409400
CH322-62B09	CHORI-322	3L	11133126	11153468
CH322-62B11	CHORI-322	3R	2563064	2582811
CH322-62B12	CHORI-322	3R	3012240	3032874
CH322-62B15	CHORI-322	2R	6242957	6264454
CH322-62B16	CHORI-322	3L	9774651	9795081
CH322-62B18	CHORI-322	3R	7176445	7200606
CH322-62B21	CHORI-322	2R	14822515	14844377
CH322-62B23	CHORI-322	2R	14544924	14562301
CH322-62C02	CHORI-322	2R	11043412	11064512
CH322-62C03	CHORI-322	3L	3760223	3780514
CH322-62C04	CHORI-322	3L	17330355	17349908
CH322-62C05	CHORI-322	X	17144170	17165796
CH322-62C10	CHORI-322	2L	5393215	5414003
CH322-62C14	CHORI-322	2R	6241753	6260748
CH322-62C16	CHORI-322	3L	7919890	7938218
CH322-62C17	CHORI-322	2L	1527212	1551155
CH322-62C22	CHORI-322	2R	4559475	4579315
CH322-62C24	CHORI-322	2L	1289584	1311516
CH322-62D01	CHORI-322	3R	10109644	10129538
CH322-62D03	CHORI-322	3L	17947253	17964890

CH322-62D06	CHORI-322	3R	16751886	16773360
CH322-62D08	CHORI-322	3R	3450169	3471173
CH322-62D11	CHORI-322	3L	4911819	4931811
CH322-62D13	CHORI-322	2L	13575711	13596032
CH322-62D14	CHORI-322	X	13437568	13456846
CH322-62D23	CHORI-322	2R	7248987	7269510
CH322-62D24	CHORI-322	3L	10001373	10020324
CH322-62E02	CHORI-322	2L	1329469	1348659
CH322-62E06	CHORI-322	3R	10305989	10328362
CH322-62E16	CHORI-322	2L	3953445	3973643
CH322-62E19	CHORI-322	2R	5985062	6004520
CH322-62E22	CHORI-322	X	9841760	9859130
CH322-62E23	CHORI-322	2R	17447154	17468601
CH322-62F01	CHORI-322	2R	16425906	16445899
CH322-62F02	CHORI-322	3R	19124932	19144716
CH322-62F03	CHORI-322	3L	1018682	1041033
CH322-62F04	CHORI-322	2L	16597553	16619066
CH322-62F06	CHORI-322	2L	15522548	15543817
CH322-62F07	CHORI-322	2L	5740323	5761992
CH322-62F11	CHORI-322	3L	18668081	18687740
CH322-62F13	CHORI-322	2R	6729510	6751808
CH322-62F16	CHORI-322	3L	1018683	1041033
CH322-62F23	CHORI-322	3L	1614327	1638436
CH322-62F24	CHORI-322	X	4697169	4717960
CH322-62G02	CHORI-322	3L	2615287	2636097
CH322-62G11	CHORI-322	3R	963050	983439
CH322-62G16	CHORI-322	2L	17068746	17088244
CH322-62G20	CHORI-322	3L	4604686	4627681
CH322-62H01	CHORI-322	3R	22898198	22918462
CH322-62H02	CHORI-322	2R	11023696	11043669
CH322-62H11	CHORI-322	3L	23738336	23759206
CH322-62H22	CHORI-322	3R	12250764	12270824
CH322-62I01	CHORI-322	X	1198505	1220606
CH322-62I10	CHORI-322	2L	1259273	1280499
CH322-62I14	CHORI-322	3R	22533939	22558290
CH322-62I17	CHORI-322	3R	19470285	19488278
CH322-62I18	CHORI-322	X	12089583	12109291
CH322-62I22	CHORI-322	2L	20340404	20361260
CH322-62I24	CHORI-322	2L	13619034	13640438
CH322-62J04	CHORI-322	3L	3305111	3323023
CH322-62J06	CHORI-322	3L	15707795	15728151
CH322-62K01	CHORI-322	3L	5464367	5484894
CH322-62K09	CHORI-322	3R	23699408	23719262
CH322-62K22	CHORI-322	3R	21400166	21418795
CH322-62L01	CHORI-322	2R	4060233	4080476
CH322-62L18	CHORI-322	3L	16037208	16057215
CH322-62L23	CHORI-322	2R	3188817	3208438
CH322-62L24	CHORI-322	X	6493314	6516601
CH322-62M01	CHORI-322	3R	26971676	26991542
CH322-62M02	CHORI-322	2R	6439130	6458214
CH322-62M04	CHORI-322	X	13236348	13255168
CH322-62M12	CHORI-322	3L	7486299	7507189
CH322-62M20	CHORI-322	2L	9749713	9769238
CH322-62M23	CHORI-322	3L	4301170	4320805

CH322-62N01	CHORI-322	3R	14834510	14856373
CH322-62N05	CHORI-322	3R	12667387	12687676
CH322-62N06	CHORI-322	2L	9941802	9961486
CH322-62N08	CHORI-322	2R	16042193	16064102
CH322-62N12	CHORI-322	3L	21164327	21182122
CH322-62N16	CHORI-322	X	7878469	7898847
CH322-62N17	CHORI-322	2L	10488017	10507650
CH322-62N18	CHORI-322	2L	2266430	2285189
CH322-62N20	CHORI-322	2L	853999	874882
CH322-62N21	CHORI-322	X	5082903	5102201
CH322-62O01	CHORI-322	2R	7917576	7939395
CH322-62O02	CHORI-322	3R	25470307	25491442
CH322-62O13	CHORI-322	2L	13476681	13496554
CH322-62O17	CHORI-322	2L	6308553	6328250
CH322-62O18	CHORI-322	3L	11880346	11902682
CH322-62O20	CHORI-322	3R	27597240	27618548
CH322-62O21	CHORI-322	X	7272783	7293838
CH322-62O22	CHORI-322	3R	19095714	19115934
CH322-62O23	CHORI-322	3L	711038	733039
CH322-62P01	CHORI-322	3L	14471460	14492936
CH322-62P03	CHORI-322	3R	14561860	14582714
CH322-62P04	CHORI-322	2R	10585043	10605257
CH322-62P05	CHORI-322	2R	7390489	7412241
CH322-62P06	CHORI-322	3R	19089421	19108203
CH322-62P07	CHORI-322	X	19265409	19286523
CH322-62P09	CHORI-322	X	5908668	5926856
CH322-62P11	CHORI-322	3R	25470307	25491441
CH322-62P12	CHORI-322	2R	15351158	15370848
CH322-62P14	CHORI-322	2L	15559086	15579451
CH322-62P16	CHORI-322	3L	7530388	7550217
CH322-62P17	CHORI-322	2R	12538061	12560136
CH322-62P18	CHORI-322	3L	15295246	15314771
CH322-62P21	CHORI-322	3R	1641874	1661609
CH322-62P23	CHORI-322	2R	17964748	17986888
CH322-62P24	CHORI-322	3R	24797683	24819006
CH322-63A03	CHORI-322	3R	18110599	18130617
CH322-63A05	CHORI-322	X	15169484	15189497
CH322-63A07	CHORI-322	3L	1393195	1410017
CH322-63A09	CHORI-322	3R	14834510	14856373
CH322-63A12	CHORI-322	3L	19608419	19630230
CH322-63A15	CHORI-322	2L	12983712	13003244
CH322-63A16	CHORI-322	2L	14929842	14952117
CH322-63A17	CHORI-322	3L	11892494	11911946
CH322-63A22	CHORI-322	3R	10397602	10418851
CH322-63A23	CHORI-322	3R	10397602	10418851
CH322-63A24	CHORI-322	2L	3599786	3623172
CH322-63B01	CHORI-322	X	4003617	4026146
CH322-63B02	CHORI-322	3R	22704803	22727293
CH322-63B04	CHORI-322	X	10868339	10886382
CH322-63B05	CHORI-322	X	297590	313754
CH322-63B08	CHORI-322	2L	19236835	19254354
CH322-63B09	CHORI-322	3L	10460965	10479692
CH322-63B20	CHORI-322	2R	9106115	9126535
CH322-63B23	CHORI-322	3R	24191651	24209826

CH322-63C05	CHORI-322	3L	13765254	13784853
CH322-63C08	CHORI-322	3R	10443088	10461196
CH322-63C11	CHORI-322	3R	2551330	2571482
CH322-63C12	CHORI-322	2R	19657942	19679500
CH322-63C13	CHORI-322	X	11057877	11076924
CH322-63C14	CHORI-322	X	21369024	21387948
CH322-63C18	CHORI-322	3L	6368038	6388370
CH322-63C23	CHORI-322	2L	3599786	3623172
CH322-63C24	CHORI-322	3R	3381593	3404457
CH322-63D01	CHORI-322	3R	10948523	10967700
CH322-63D02	CHORI-322	3R	2762740	2782335
CH322-63D04	CHORI-322	3R	21400734	21422677
CH322-63D06	CHORI-322	X	4720166	4741458
CH322-63D11	CHORI-322	2L	11773260	11793356
CH322-63D12	CHORI-322	2R	13224278	13242856
CH322-63D14	CHORI-322	2R	20967091	20988917
CH322-63D20	CHORI-322	3R	5467359	5489090
CH322-63D21	CHORI-322	2R	5716763	5741247
CH322-63D22	CHORI-322	3L	15898264	15918813
CH322-63D24	CHORI-322	2R	21091475	21113972
CH322-63E01	CHORI-322	X	8437950	8458396
CH322-63E02	CHORI-322	3L	19361991	19381880
CH322-63E03	CHORI-322	X	11776349	11797341
CH322-63E13	CHORI-322	3L	6322322	6343096
CH322-63E17	CHORI-322	2L	16311870	16332928
CH322-63E18	CHORI-322	2L	13674392	13694519
CH322-63E19	CHORI-322	3L	4961796	4978914
CH322-63E21	CHORI-322	3L	14159042	14179940
CH322-63E22	CHORI-322	X	7250527	7271865
CH322-63E23	CHORI-322	3L	9404631	9426860
CH322-63E24	CHORI-322	3R	5790959	5809559
CH322-63F01	CHORI-322	X	16598726	16616738
CH322-63F02	CHORI-322	2L	2897277	2917920
CH322-63F05	CHORI-322	X	4003617	4026146
CH322-63F06	CHORI-322	3R	19631467	19654259
CH322-63F08	CHORI-322	X	16139746	16161015
CH322-63F09	CHORI-322	3R	924686	944122
CH322-63F11	CHORI-322	2RHet	1545093	1565475
CH322-63F12	CHORI-322	3R	11931708	11953161
CH322-63F13	CHORI-322	3R	8738562	8759554
CH322-63F17	CHORI-322	2L	8080038	8102614
CH322-63F18	CHORI-322	3R	924686	944122
CH322-63F19	CHORI-322	3L	3689918	3708770
CH322-63F20	CHORI-322	3R	2517903	2541770
CH322-63F24	CHORI-322	2R	17105199	17127090
CH322-63G01	CHORI-322	2R	4528408	4549292
CH322-63G02	CHORI-322	2L	4413729	4433721
CH322-63G06	CHORI-322	2R	15505829	15527480
CH322-63G07	CHORI-322	2L	11587626	11606824
CH322-63G08	CHORI-322	X	22251529	22274055
CH322-63G11	CHORI-322	2R	12685560	12704762
CH322-63G13	CHORI-322	X	13088732	13112099
CH322-63G14	CHORI-322	3L	12586700	12610239
CH322-63G15	CHORI-322	3L	17883786	17904077

CH322-63G21	CHORI-322	3L	18010050	18029223
CH322-63G22	CHORI-322	3R	4934634	4955165
CH322-63G23	CHORI-322	2R	3616670	3638271
CH322-63H02	CHORI-322	2R	19152069	19173576
CH322-63H03	CHORI-322	3R	12954099	12975826
CH322-63H04	CHORI-322	3L	21399142	21421190
CH322-63H06	CHORI-322	2R	9583377	9603760
CH322-63H08	CHORI-322	2L	12039952	12060953
CH322-63H09	CHORI-322	2L	17044184	17066743
CH322-63H12	CHORI-322	2R	18420309	18438870
CH322-63H13	CHORI-322	3R	21790833	21812699
CH322-63H15	CHORI-322	2R	2923016	2943928
CH322-63H17	CHORI-322	2R	19878417	19901781
CH322-63H18	CHORI-322	3R	8540317	8562120
CH322-63H19	CHORI-322	X	10635124	10654897
CH322-63H20	CHORI-322	2R	18329923	18353313
CH322-63H21	CHORI-322	2R	18840947	18864235
CH322-63H22	CHORI-322	3L	21959342	21978819
CH322-63H23	CHORI-322	3R	21747079	21766147
CH322-63H24	CHORI-322	3R	5751807	5772018
CH322-63I01	CHORI-322	2L	12138591	12157146
CH322-63I09	CHORI-322	2R	468167	489470
CH322-63I12	CHORI-322	X	16139746	16161015
CH322-63I13	CHORI-322	2L	8194286	8215545
CH322-63I14	CHORI-322	2L	17435238	17456160
CH322-63I15	CHORI-322	3L	10393441	10414753
CH322-63I17	CHORI-322	4	207941	226588
CH322-63I21	CHORI-322	3L	10277467	10300028
CH322-63J01	CHORI-322	2L	18537610	18560887
CH322-63J02	CHORI-322	3R	7839220	7859956
CH322-63J04	CHORI-322	2L	18860242	18881083
CH322-63J05	CHORI-322	3L	9942698	9962150
CH322-63J06	CHORI-322	2R	7063771	7084338
CH322-63J07	CHORI-322	X	20497911	20515973
CH322-63J09	CHORI-322	X	9950761	9969036
CH322-63J10	CHORI-322	2L	11950692	11969588
CH322-63J12	CHORI-322	3R	9248668	9271313
CH322-63J13	CHORI-322	2L	10707066	10726234
CH322-63J14	CHORI-322	2R	2381457	2400928
CH322-63J15	CHORI-322	3R	16151447	16172270
CH322-63J16	CHORI-322	3L	6363755	6385372
CH322-63J18	CHORI-322	3R	17852884	17872474
CH322-63J24	CHORI-322	2L	3364569	3385152
CH322-63K05	CHORI-322	3L	9953976	9973212
CH322-63K06	CHORI-322	X	5255794	5275337
CH322-63K08	CHORI-322	3L	8099628	8119710
CH322-63K10	CHORI-322	3R	23228255	23249643
CH322-63K11	CHORI-322	2R	6034863	6056839
CH322-63K12	CHORI-322	2R	12514266	12537580
CH322-63K13	CHORI-322	X	3305147	3327196
CH322-63K14	CHORI-322	3L	23591155	23609743
CH322-63K15	CHORI-322	2R	21080303	21099091
CH322-63K19	CHORI-322	2L	853999	874882
CH322-63K21	CHORI-322	3R	16995633	17017967

CH322-63K22	CHORI-322	3R	1007666	1028151
CH322-63K23	CHORI-322	2R	19761187	19782818
CH322-63K24	CHORI-322	2L	622599	645499
CH322-63L01	CHORI-322	3L	750102	772167
CH322-63L02	CHORI-322	2R	16735808	16757893
CH322-63L03	CHORI-322	2L	4951174	4972022
CH322-63L06	CHORI-322	X	20575163	20595094
CH322-63L07	CHORI-322	3L	22284375	22306300
CH322-63L08	CHORI-322	3L	15152391	15175161
CH322-63L09	CHORI-322	3L	2896370	2916471
CH322-63L11	CHORI-322	2L	14707141	14727422
CH322-63L12	CHORI-322	2L	20484681	20504120
CH322-63L13	CHORI-322	2L	13322815	13340915
CH322-63L16	CHORI-322	3R	14581169	14600839
CH322-63L17	CHORI-322	2L	17088304	17108337
CH322-63L19	CHORI-322	3L	12214245	12234885
CH322-63L21	CHORI-322	3R	27676064	27696320
CH322-63L23	CHORI-322	3R	3373940	3395839
CH322-63M01	CHORI-322	2R	13823303	13843139
CH322-63M02	CHORI-322	3R	19311724	19333448
CH322-63M03	CHORI-322	2R	4059951	4080981
CH322-63M04	CHORI-322	3L	7295653	7316887
CH322-63M06	CHORI-322	2L	16682748	16701350
CH322-63M07	CHORI-322	2L	5801063	5823472
CH322-63M10	CHORI-322	3R	19482020	19501947
CH322-63M14	CHORI-322	2L	990064	1010389
CH322-63M15	CHORI-322	2R	2648939	2667626
CH322-63M17	CHORI-322	3L	8091694	8112320
CH322-63M18	CHORI-322	2L	5872771	5894555
CH322-63M19	CHORI-322	3L	22009819	22031642
CH322-63M20	CHORI-322	3L	15011558	15033882
CH322-63M21	CHORI-322	3L	16037203	16057215
CH322-63N02	CHORI-322	2R	7757063	7775594
CH322-63N03	CHORI-322	X	18211817	18231984
CH322-63N04	CHORI-322	2R	16459863	16481454
CH322-63N05	CHORI-322	2R	7157871	7180382
CH322-63N07	CHORI-322	X	2799886	2820081
CH322-63N13	CHORI-322	3R	4889096	4911059
CH322-63N16	CHORI-322	2L	19220435	19241136
CH322-63N17	CHORI-322	3R	17852884	17872474
CH322-63N21	CHORI-322	3R	703811	722434
CH322-63N23	CHORI-322	3L	10148006	10168554
CH322-63N24	CHORI-322	3R	17530880	17550350
CH322-63O01	CHORI-322	3R	16729080	16752069
CH322-63O02	CHORI-322	3L	20705801	20725123
CH322-63O03	CHORI-322	3R	21386449	21406665
CH322-63O04	CHORI-322	3R	24171010	24192538
CH322-63O17	CHORI-322	2L	16632177	16651709
CH322-63O18	CHORI-322	3R	25278571	25298946
CH322-63P03	CHORI-322	2R	11464540	11484018
CH322-63P04	CHORI-322	2L	20903193	20923154
CH322-63P05	CHORI-322	3L	3906024	3927338
CH322-63P06	CHORI-322	2L	22651089	22672166
CH322-63P08	CHORI-322	3R	25373457	25393940

CH322-63P09	CHORI-322	3L	3109343	3129891
CH322-63P10	CHORI-322	X	16490687	16512485
CH322-63P11	CHORI-322	3R	17305123	17327453
CH322-63P12	CHORI-322	2R	4131048	4153168
CH322-63P13	CHORI-322	2L	2630373	2650496
CH322-63P14	CHORI-322	3R	25161068	25182369
CH322-63P16	CHORI-322	3L	16789031	16808857
CH322-63P17	CHORI-322	2L	1649739	1669935
CH322-63P18	CHORI-322	2R	17284344	17308013
CH322-63P21	CHORI-322	3R	27834551	27854003
CH322-63P22	CHORI-322	2R	1604290	1622686
CH322-63P23	CHORI-322	3R	25161068	25182369
CH322-64A02	CHORI-322	3R	21678797	21699722
CH322-64A05	CHORI-322	2L	8649210	8669503
CH322-64A11	CHORI-322	2R	7964495	7985587
CH322-64B03	CHORI-322	2R	10640555	10659858
CH322-64E11	CHORI-322	3R	27154768	27177335
CH322-64G11	CHORI-322	3R	25285829	25307294
CH322-64H01	CHORI-322	2L	11925450	11945636
CH322-64I05	CHORI-322	3R	19127089	19148010
CH322-64I09	CHORI-322	2L	12981090	13000762
CH322-64I11	CHORI-322	2L	149546	170183
CH322-64I12	CHORI-322	3R	22644492	22666397
CH322-64K08	CHORI-322	2L	1963671	1988062
CH322-64K09	CHORI-322	2L	7722	29724
CH322-64K11	CHORI-322	3R	16854723	16874782
CH322-64K14	CHORI-322	X	20507241	20529239
CH322-64L11	CHORI-322	3R	19340243	19359733
CH322-64M11	CHORI-322	2L	20026292	20045364
CH322-64M15	CHORI-322	2L	15949229	15969004
CH322-64P02	CHORI-322	3L	10465772	10484330
CH322-65A01	CHORI-322	3R	6902485	6924589
CH322-65A02	CHORI-322	2R	13255736	13279295
CH322-65A04	CHORI-322	3R	22152676	22175393
CH322-65A06	CHORI-322	X	10198120	10217554
CH322-65A08	CHORI-322	2R	9935744	9954328
CH322-65A09	CHORI-322	2R	20235293	20254280
CH322-65A10	CHORI-322	X	19580281	19600880
CH322-65A13	CHORI-322	3L	19397306	19416890
CH322-65A15	CHORI-322	2R	16810002	16832566
CH322-65A16	CHORI-322	2R	25439	45967
CH322-65A17	CHORI-322	3L	16418811	16440527
CH322-65A18	CHORI-322	2L	13499596	13521348
CH322-65A19	CHORI-322	2R	10179339	10198723
CH322-65A21	CHORI-322	2R	10242773	10261883
CH322-65A23	CHORI-322	2L	2070870	2089298
CH322-65A24	CHORI-322	3L	16870514	16891329
CH322-65B02	CHORI-322	X	10494901	10516576
CH322-65B03	CHORI-322	3L	10416985	10437827
CH322-65B04	CHORI-322	3R	3705947	3726517
CH322-65B08	CHORI-322	3R	15282914	15303116
CH322-65B14	CHORI-322	2R	4487135	4510030
CH322-65B23	CHORI-322	2R	8125362	8146151
CH322-65C02	CHORI-322	3R	14255792	14276574

CH322-65C22	CHORI-322	2L	5224243	5245679
CH322-65D11	CHORI-322	3L	14159695	14179466
CH322-65D12	CHORI-322	2L	2962341	2983656
CH322-65D21	CHORI-322	2R	12166207	12187068
CH322-65D23	CHORI-322	3R	24115127	24134283
CH322-65E02	CHORI-322	3L	22165636	22189634
CH322-65E03	CHORI-322	2L	15477990	15499171
CH322-65E18	CHORI-322	2L	12469260	12487106
CH322-65E19	CHORI-322	3L	20697963	20717672
CH322-65E24	CHORI-322	3L	17759012	17777950
CH322-65F01	CHORI-322	3R	4964863	4984929
CH322-65F03	CHORI-322	3R	17725720	17745291
CH322-65F04	CHORI-322	3R	16017906	16036876
CH322-65F11	CHORI-322	2L	63667	84511
CH322-65F12	CHORI-322	2L	12578820	12601629
CH322-65F18	CHORI-322	2R	16790409	16812418
CH322-65F23	CHORI-322	X	6246106	6266103
CH322-65F24	CHORI-322	X	15727195	15747812
CH322-65G01	CHORI-322	2L	7817107	7837832
CH322-65G02	CHORI-322	2R	7296621	7316610
CH322-65G12	CHORI-322	2R	11652444	11674186
CH322-65G16	CHORI-322	3L	5202981	5222585
CH322-65G17	CHORI-322	3R	15451233	15472009
CH322-65G22	CHORI-322	2R	5426450	5449658
CH322-65H01	CHORI-322	2L	17158681	17178351
CH322-65H11	CHORI-322	2L	16624136	16644428
CH322-65H12	CHORI-322	2R	4302597	4321692
CH322-65H16	CHORI-322	2R	11614060	11632910
CH322-65H17	CHORI-322	3R	21289805	21309962
CH322-65H21	CHORI-322	X	9330345	9349254
CH322-65H22	CHORI-322	3R	22748060	22768504
CH322-65I01	CHORI-322	2R	19188962	19210661
CH322-65I04	CHORI-322	3R	1749187	1769561
CH322-65I10	CHORI-322	2R	16233276	16253056
CH322-65I11	CHORI-322	2R	9192607	9211516
CH322-65I14	CHORI-322	2L	19267896	19289629
CH322-65I24	CHORI-322	3R	22228447	22250528
CH322-65J01	CHORI-322	2L	63667	84494
CH322-65J05	CHORI-322	3R	3705947	3726517
CH322-65J06	CHORI-322	3R	22748060	22768504
CH322-65J08	CHORI-322	2R	11614060	11632910
CH322-65J09	CHORI-322	2R	11669825	11690314
CH322-65J12	CHORI-322	3R	20867866	20889586
CH322-65K11	CHORI-322	2L	14639704	14658421
CH322-65K21	CHORI-322	3L	19579593	19601270
CH322-65K22	CHORI-322	2R	20490263	20512625
CH322-65K24	CHORI-322	2L	2006121	2026899
CH322-65L08	CHORI-322	2L	1883900	1910347
CH322-65L09	CHORI-322	3R	9291621	9314593
CH322-65L11	CHORI-322	3L	1445735	1465810
CH322-65L12	CHORI-322	2L	20025791	20045364
CH322-65L13	CHORI-322	2R	9852811	9876404
CH322-65L14	CHORI-322	3L	3843658	3862842
CH322-65L15	CHORI-322	3L	17759904	17782494

CH322-65L19	CHORI-322	3L	18365611	18386712
CH322-65L22	CHORI-322	3R	10674255	10694464
CH322-65L24	CHORI-322	3R	20528757	20549199
CH322-65M01	CHORI-322	2L	17158681	17178351
CH322-65M16	CHORI-322	3L	5669578	5691292
CH322-65M18	CHORI-322	2L	19267896	19289629
CH322-65M20	CHORI-322	3L	14780825	14803342
CH322-65M23	CHORI-322	2R	1672495	1692907
CH322-65N12	CHORI-322	2L	11536785	11556525
CH322-65N17	CHORI-322	X	2914298	2934901
CH322-65N21	CHORI-322	2L	3108043	3127790
CH322-65N22	CHORI-322	2L	2673367	2695281
CH322-65N24	CHORI-322	3L	11384226	11406140
CH322-65O11	CHORI-322	X	7840630	7861237
CH322-65O12	CHORI-322	2L	1919296	1940161
CH322-65O17	CHORI-322	2L	11103407	11125335
CH322-65O21	CHORI-322	3R	7886514	7909004
CH322-65O23	CHORI-322	3L	9916832	9937759
CH322-65O24	CHORI-322	2R	14662926	14681251
CH322-65P01	CHORI-322	3L	16097525	16117114
CH322-65P12	CHORI-322	3R	10674255	10694464
CH322-65P21	CHORI-322	3R	20322620	20340894
CH322-65P24	CHORI-322	3L	11721776	11740432
CH322-66A02	CHORI-322	2R	8360511	8381104
CH322-66A05	CHORI-322	X	11831664	11850730
CH322-66A06	CHORI-322	3L	22745039	22764455
CH322-66A07	CHORI-322	X	17269144	17289280
CH322-66A09	CHORI-322	2L	18210806	18232331
CH322-66A10	CHORI-322	3R	22748060	22768504
CH322-66A12	CHORI-322	2R	11614060	11632910
CH322-66A13	CHORI-322	2L	12241890	12263536
CH322-66A14	CHORI-322	3L	2895931	2915890
CH322-66A17	CHORI-322	2L	21208094	21227380
CH322-66A18	CHORI-322	X	2690720	2712086
CH322-66A19	CHORI-322	2R	5623971	5643288
CH322-66A21	CHORI-322	X	11421599	11441470
CH322-66A22	CHORI-322	3R	10810002	10831577
CH322-66A24	CHORI-322	3R	13077027	13097870
CH322-66B04	CHORI-322	3R	1581166	1601990
CH322-66B06	CHORI-322	2L	13694532	13716082
CH322-66B07	CHORI-322	2L	21208094	21227380
CH322-66B08	CHORI-322	4	837226	854269
CH322-66B09	CHORI-322	X	11421599	11441470
CH322-66B10	CHORI-322	3R	4908759	4927421
CH322-66B11	CHORI-322	2R	5623971	5643288
CH322-66B12	CHORI-322	X	8821193	8839822
CH322-66B13	CHORI-322	2R	18578965	18599196
CH322-66B14	CHORI-322	X	18032226	18050929
CH322-66B15	CHORI-322	3L	16751266	16771618
CH322-66B18	CHORI-322	2L	18444817	18465042
CH322-66B19	CHORI-322	3L	22643334	22663387
CH322-66B20	CHORI-322	X	2690720	2712086
CH322-66B21	CHORI-322	3L	1061355	1080155
CH322-66B22	CHORI-322	2R	18821315	18842693

CH322-66B23	CHORI-322	3R	19237248	19261030
CH322-66B24	CHORI-322	3R	10810002	10831577
CH322-66C01	CHORI-322	3L	11721771	11740432
CH322-66C02	CHORI-322	2R	20203527	20226735
CH322-66C03	CHORI-322	2L	2962341	2983656
CH322-66C05	CHORI-322	2R	2979727	2999352
CH322-66C06	CHORI-322	2L	3947503	3966429
CH322-66C09	CHORI-322	2L	14557461	14578138
CH322-66C11	CHORI-322	3L	16220901	16243619
CH322-66C13	CHORI-322	2L	6452538	6472338
CH322-66C14	CHORI-322	X	6846820	6864731
CH322-66C17	CHORI-322	2R	1858724	1878451
CH322-66C20	CHORI-322	3R	15451233	15472009
CH322-66C21	CHORI-322	X	9913541	9933739
CH322-66C24	CHORI-322	4	619089	639015
CH322-66D02	CHORI-322	2R	20203527	20226735
CH322-66D03	CHORI-322	X	15848228	15869295
CH322-66D05	CHORI-322	2R	19470463	19491499
CH322-66D06	CHORI-322	2L	3947482	3966429
CH322-66D07	CHORI-322	2L	21204815	21223562
CH322-66D09	CHORI-322	3L	11468256	11489809
CH322-66D11	CHORI-322	2L	17739673	17760463
CH322-66D18	CHORI-322	3R	15451233	15472009
CH322-66D19	CHORI-322	3L	20776861	20799437
CH322-66D22	CHORI-322	4	619089	639015
CH322-66D23	CHORI-322	X	11565938	11587381
CH322-66D24	CHORI-322	3R	13077027	13097870
CH322-66E01	CHORI-322	2R	12442088	12462432
CH322-66E02	CHORI-322	3R	4522490	4543673
CH322-66E03	CHORI-322	X	15727195	15747812
CH322-66E05	CHORI-322	3R	7772350	7795832
CH322-66E08	CHORI-322	X	19161082	19183085
CH322-66E10	CHORI-322	2R	16096049	16114666
CH322-66E11	CHORI-322	3R	16017906	16036876
CH322-66E12	CHORI-322	3R	17959301	17980432
CH322-66E13	CHORI-322	3R	27320432	27339975
CH322-66E14	CHORI-322	3R	10044960	10061397
CH322-66E16	CHORI-322	2L	12420573	12439769
CH322-66E17	CHORI-322	2R	1779532	1800874
CH322-66E18	CHORI-322	2R	8221590	8242149
CH322-66E19	CHORI-322	2R	6143354	6164398
CH322-66E20	CHORI-322	3R	9116900	9136902
CH322-66E24	CHORI-322	2R	12807041	12829180
CH322-66F01	CHORI-322	2L	13059248	13078532
CH322-66F05	CHORI-322	3L	10767274	10787929
CH322-66F06	CHORI-322	3R	10305989	10324863
CH322-66F07	CHORI-322	3R	6790644	6810292
CH322-66F10	CHORI-322	2L	10549176	10569171
CH322-66F11	CHORI-322	3R	26797026	26817787
CH322-66F12	CHORI-322	3L	4783069	4804467
CH322-66F16	CHORI-322	2L	1199752	1220007
CH322-66F18	CHORI-322	2L	11536785	11556525
CH322-66F22	CHORI-322	3L	15748609	15768215
CH322-66F23	CHORI-322	X	12719720	12739669

CH322-66G01	CHORI-322	2L	21208094	21227380
CH322-66G02	CHORI-322	2R	20340063	20362098
CH322-66G04	CHORI-322	2R	1221710	1243819
CH322-66G05	CHORI-322	X	17269144	17289280
CH322-66G06	CHORI-322	3L	2211720	2234768
CH322-66G07	CHORI-322	3L	2145132	2163886
CH322-66G08	CHORI-322	3R	9341701	9364265
CH322-66G09	CHORI-322	3R	23314320	23335749
CH322-66G10	CHORI-322	2R	12560704	12580910
CH322-66G12	CHORI-322	2L	1986103	2006124
CH322-66G13	CHORI-322	2R	12603796	12625260
CH322-66G14	CHORI-322	2L	13487127	13509644
CH322-66G15	CHORI-322	2L	3033769	3054371
CH322-66G17	CHORI-322	X	12719720	12739669
CH322-66G18	CHORI-322	3R	5994125	6016524
CH322-66G20	CHORI-322	3R	7112063	7133723
CH322-66G22	CHORI-322	2R	20529628	20551522
CH322-66G24	CHORI-322	2R	5892849	5915640
CH322-66H03	CHORI-322	2R	3495185	3519984
CH322-66H04	CHORI-322	X	17063043	17083511
CH322-66H05	CHORI-322	2R	18578965	18599196
CH322-66H08	CHORI-322	3R	15389663	15410381
CH322-66H11	CHORI-322	X	17269144	17289280
CH322-66H13	CHORI-322	3L	2145132	2163886
CH322-66H14	CHORI-322	2R	19072178	19093814
CH322-66H15	CHORI-322	3R	23314320	23335749
CH322-66H16	CHORI-322	3R	5810650	5832608
CH322-66H19	CHORI-322	2R	12603796	12625260
CH322-66H21	CHORI-322	2L	3033769	3054371
CH322-66H22	CHORI-322	3R	21769979	21791921
CH322-66H23	CHORI-322	2R	6781811	6804713
CH322-66I03	CHORI-322	2L	5285836	5307438
CH322-66I04	CHORI-322	2R	16557066	16576439
CH322-66I05	CHORI-322	3L	4964930	4985476
CH322-66I06	CHORI-322	3L	23852273	23875153
CH322-66I07	CHORI-322	2R	14793780	14813030
CH322-66I08	CHORI-322	3L	11746401	11766978
CH322-66I09	CHORI-322	X	9913541	9933739
CH322-66I10	CHORI-322	3L	20600188	20621879
CH322-66I12	CHORI-322	3R	17117101	17138906
CH322-66I13	CHORI-322	2R	4499428	4517837
CH322-66I14	CHORI-322	3R	20528605	20549199
CH322-66I15	CHORI-322	2R	11312093	11330730
CH322-66I16	CHORI-322	3R	10674255	10694464
CH322-66I19	CHORI-322	2L	6452538	6472338
CH322-66I20	CHORI-322	3L	3843658	3862842
CH322-66I21	CHORI-322	3R	14578882	14599647
CH322-66I22	CHORI-322	2L	20025791	20045364
CH322-66I23	CHORI-322	X	10989461	11010808
CH322-66I24	CHORI-322	3R	11487987	11511043
CH322-66J01	CHORI-322	2R	18579007	18598764
CH322-66J04	CHORI-322	2R	12807041	12829180
CH322-66J05	CHORI-322	X	1575139	1596574
CH322-66J06	CHORI-322	2R	5892849	5915640

CH322-66J08	CHORI-322	3R	5994125	6016524
CH322-66J12	CHORI-322	2L	13487127	13509644
CH322-66J14	CHORI-322	2L	1986103	2006124
CH322-66J15	CHORI-322	3L	10115968	10134935
CH322-66J16	CHORI-322	2R	12560704	12580910
CH322-66J17	CHORI-322	3L	20776936	20799443
CH322-66J18	CHORI-322	3R	9341701	9364265
CH322-66J20	CHORI-322	3L	2211720	2234768
CH322-66J22	CHORI-322	2L	12502469	12522680
CH322-66J23	CHORI-322	3R	6286939	6308617
CH322-66J24	CHORI-322	2R	1221620	1243819
CH322-66K02	CHORI-322	2L	17739673	17760441
CH322-66K03	CHORI-322	2R	11614060	11632910
CH322-66K04	CHORI-322	2L	22131116	22149160
CH322-66K07	CHORI-322	2R	1779532	1800874
CH322-66K08	CHORI-322	2L	1986103	2006124
CH322-66K09	CHORI-322	3R	22748060	22768504
CH322-66K10	CHORI-322	2L	13487127	13509644
CH322-66K11	CHORI-322	4	757568	778468
CH322-66K12	CHORI-322	3R	5994125	6016524
CH322-66K13	CHORI-322	X	15727195	15747812
CH322-66K14	CHORI-322	3L	1061355	1080155
CH322-66K15	CHORI-322	2R	12442088	12462432
CH322-66K16	CHORI-322	3L	22643334	22663387
CH322-66K21	CHORI-322	X	1309928	1329655
CH322-66K22	CHORI-322	X	19365222	19385566
CH322-66K23	CHORI-322	2R	8360508	8381104
CH322-66K24	CHORI-322	2L	1883900	1910347
CH322-66L01	CHORI-322	2R	15889601	15910477
CH322-66L02	CHORI-322	3L	23610379	23629169
CH322-66L03	CHORI-322	X	18032303	18050929
CH322-66L04	CHORI-322	2L	15614701	15638215
CH322-66L07	CHORI-322	3R	20243643	20266846
CH322-66L08	CHORI-322	3L	9173830	9194972
CH322-66L09	CHORI-322	3L	1877690	1899677
CH322-66L11	CHORI-322	3R	6790644	6810292
CH322-66L12	CHORI-322	2L	857446	877490
CH322-66L14	CHORI-322	3L	4783069	4804467
CH322-66L20	CHORI-322	3R	10305989	10324863
CH322-66L21	CHORI-322	3L	3094768	3113063
CH322-66L23	CHORI-322	2R	19470463	19491499
CH322-66M02	CHORI-322	2R	3495155	3524758
CH322-66M03	CHORI-322	2L	12578820	12601629
CH322-66M06	CHORI-322	2R	20340063	20362098
CH322-66M08	CHORI-322	X	17934690	17955092
CH322-66M09	CHORI-322	3R	10810002	10831577
CH322-66M11	CHORI-322	X	12719720	12739669
CH322-66M12	CHORI-322	2R	16557066	16576439
CH322-66M17	CHORI-322	2R	12603796	12625260
CH322-66M18	CHORI-322	2R	5792920	5813555
CH322-66M20	CHORI-322	3L	20600188	20621879
CH322-66M21	CHORI-322	3R	23314320	23335749
CH322-66M22	CHORI-322	2L	10564469	10585520
CH322-66M23	CHORI-322	2R	19513086	19532993

CH322-66N01	CHORI-322	X	2690720	2712086
CH322-66N02	CHORI-322	2R	17716621	17736821
CH322-66N03	CHORI-322	3R	10810002	10831577
CH322-66N04	CHORI-322	3L	15748609	15768215
CH322-66N05	CHORI-322	X	12719720	12739669
CH322-66N06	CHORI-322	3R	18291368	18313057
CH322-66N08	CHORI-322	3R	12726631	12747087
CH322-66N12	CHORI-322	3L	7207278	7228354
CH322-66N16	CHORI-322	3R	27005621	27027183
CH322-66N17	CHORI-322	2R	19513086	19532993
CH322-66N18	CHORI-322	2L	19817094	19836528
CH322-66N19	CHORI-322	2L	14693410	14715926
CH322-66N20	CHORI-322	3R	5810650	5832608
CH322-66N22	CHORI-322	3R	20967297	20986004
CH322-66N23	CHORI-322	3R	20888400	20910117
CH322-66N24	CHORI-322	X	6746575	6767070
CH322-66O01	CHORI-322	3R	10044960	10061397
CH322-66O02	CHORI-322	2L	18210806	18232312
CH322-66O03	CHORI-322	3R	17959301	17980340
CH322-66O04	CHORI-322	X	11831664	11850730
CH322-66O06	CHORI-322	X	17269144	17289257
CH322-66O07	CHORI-322	2R	16091347	16110699
CH322-66O11	CHORI-322	3L	4964930	4985450
CH322-66O12	CHORI-322	2L	20025791	20045364
CH322-66O13	CHORI-322	X	14045853	14065818
CH322-66O14	CHORI-322	3R	8826418	8846687
CH322-66O16	CHORI-322	3L	19139817	19159350
CH322-66O17	CHORI-322	3L	20685693	20705407
CH322-66O19	CHORI-322	3R	20888400	20910120
CH322-66O20	CHORI-322	3L	3843665	3862842
CH322-66O23	CHORI-322	2L	14693410	14715926
CH322-66P01	CHORI-322	3L	3094768	3113063
CH322-66P02	CHORI-322	2R	5892849	5915640
CH322-66P03	CHORI-322	3L	10115968	10134935
CH322-66P04	CHORI-322	X	17063043	17083511
CH322-66P05	CHORI-322	3L	18780651	18802169
CH322-66P06	CHORI-322	2R	8412962	8433247
CH322-66P08	CHORI-322	2R	16989655	17010787
CH322-66P09	CHORI-322	3R	19908862	19929533
CH322-66P10	CHORI-322	2L	11219869	11240010
CH322-66P12	CHORI-322	X	5033196	5054001
CH322-66P13	CHORI-322	3L	15086307	15109138
CH322-66P14	CHORI-322	3R	26431032	26450772
CH322-66P15	CHORI-322	3R	18647919	18670403
CH322-66P17	CHORI-322	2L	16548748	16570062
CH322-66P18	CHORI-322	2R	19072178	19093814
CH322-66P19	CHORI-322	3R	4623242	4647202
CH322-66P20	CHORI-322	3L	4674658	4694547
CH322-66P22	CHORI-322	2L	1961033	1981483
CH322-66P23	CHORI-322	3L	20685693	20705411
CH322-67A01	CHORI-322	3R	27387145	27408229
CH322-67A02	CHORI-322	3R	17242617	17260700
CH322-67A03	CHORI-322	2R	12767979	12787741
CH322-67A05	CHORI-322	3L	22643334	22663387

CH322-67A07	CHORI-322	3L	1061355	1080155
CH322-67A08	CHORI-322	3L	10115968	10134935
CH322-67A09	CHORI-322	3R	5994125	6016524
CH322-67A10	CHORI-322	3L	20776861	20799443
CH322-67A11	CHORI-322	2L	13487127	13509644
CH322-67A13	CHORI-322	2L	1986103	2006124
CH322-67A14	CHORI-322	3R	6286939	6308617
CH322-67A16	CHORI-322	3R	24520881	24541433
CH322-67A17	CHORI-322	2L	22131116	22149180
CH322-67A19	CHORI-322	2L	17739673	17760463
CH322-67A22	CHORI-322	2R	6865593	6886722
CH322-67B03	CHORI-322	3L	9173830	9194972
CH322-67B06	CHORI-322	3R	4364522	4384239
CH322-67B07	CHORI-322	2L	15614701	15638251
CH322-67B09	CHORI-322	3L	23610379	23629169
CH322-67B10	CHORI-322	3L	876958	898078
CH322-67B11	CHORI-322	2R	17716621	17736821
CH322-67B13	CHORI-322	3L	15748609	15768215
CH322-67B15	CHORI-322	3R	18291368	18313057
CH322-67B16	CHORI-322	3L	75613 96168	
CH322-67B17	CHORI-322	3R	12726631	12747087
CH322-67B20	CHORI-322	3L	1716927	1737161
CH322-67B22	CHORI-322	2L	15143782	15163483
CH322-67B24	CHORI-322	X	14853421	14869526
CH322-67C01	CHORI-322	3R	22482535	22502107
CH322-67C02	CHORI-322	2R	14799993	14818584
CH322-67C06	CHORI-322	3R	5627971	5646579
CH322-67C08	CHORI-322	3L	3073715	3092593
CH322-67C09	CHORI-322	3R	17811585	17829866
CH322-67C10	CHORI-322	2L	21753812	21774990
CH322-67C13	CHORI-322	3L	9173830	9194972
CH322-67C14	CHORI-322	3R	8625002	8646464
CH322-67C19	CHORI-322	3R	7828322	7848834
CH322-67C24	CHORI-322	2L	1824785	1843983
CH322-67D01	CHORI-322	2R	6096884	6117104
CH322-67D02	CHORI-322	3L	4593429	4614860
CH322-67D04	CHORI-322	3R	24520881	24541433
CH322-67D06	CHORI-322	X	15499747	15521899
CH322-67D07	CHORI-322	X	11697072	11717178
CH322-67D11	CHORI-322	2R	766395	787830
CH322-67D14	CHORI-322	2L	9624332	9643420
CH322-67D18	CHORI-322	X	16067780	16089745
CH322-67D19	CHORI-322	2R	8377691	8397942
CH322-67D21	CHORI-322	2R	17924126	17945269
CH322-67D23	CHORI-322	X	3199888	3221118
CH322-67E02	CHORI-322	3R	7038804	7059106
CH322-67E03	CHORI-322	2R	17716621	17736821
CH322-67E04	CHORI-322	3L	5723788	5747520
CH322-67E06	CHORI-322	3R	735958	755148
CH322-67E07	CHORI-322	3L	7207278	7228354
CH322-67E08	CHORI-322	X	29310 49103	
CH322-67E10	CHORI-322	2R	16347513	16369136
CH322-67E11	CHORI-322	3R	27005621	27027183
CH322-67E12	CHORI-322	3L	14076813	14096711

CH322-67E13	CHORI-322	3R	20967297	20986004
CH322-67E15	CHORI-322	X	6746575	6767070
CH322-67E17	CHORI-322	3L	17127545	17148504
CH322-67E18	CHORI-322	2R	18534628	18556923
CH322-67E19	CHORI-322	2L	8252748	8271333
CH322-67E20	CHORI-322	X	3782840	3805146
CH322-67E21	CHORI-322	3L	4674658	4694550
CH322-67E22	CHORI-322	3LHet	2257319	2277288
CH322-67E23	CHORI-322	3L	20915994	20934500
CH322-67F02	CHORI-322	2R	11113313	11136146
CH322-67F03	CHORI-322	2R	15298177	15319723
CH322-67F04	CHORI-322	2R	6865593	6886722
CH322-67F05	CHORI-322	2R	9801466	9821159
CH322-67F11	CHORI-322	2R	5456492	5478644
CH322-67F13	CHORI-322	X	1136724	1155277
CH322-67F16	CHORI-322	3R	26817026	26841038
CH322-67F17	CHORI-322	3L	19165745	19185712
CH322-67F18	CHORI-322	2R	20636527	20654668
CH322-67F20	CHORI-322	3R	16480373	16502183
CH322-67F22	CHORI-322	2R	2770332	2790937
CH322-67F24	CHORI-322	3L	7137693	7158047
CH322-67G02	CHORI-322	2R	18111400	18134014
CH322-67G03	CHORI-322	X	11565938	11587381
CH322-67G04	CHORI-322	3R	23863514	23886344
CH322-67G05	CHORI-322	3R	19237248	19261030
CH322-67G06	CHORI-322	2R	2881872	2903341
CH322-67G07	CHORI-322	3L	1061355	1080155
CH322-67G08	CHORI-322	3L	3667195	3684778
CH322-67G09	CHORI-322	3L	22643335	22663387
CH322-67G10	CHORI-322	3R	782803	805470
CH322-67G12	CHORI-322	2R	10797840	10819343
CH322-67G13	CHORI-322	3L	16751266	16771618
CH322-67G15	CHORI-322	2R	18578965	18599196
CH322-67G16	CHORI-322	2L	738782	762284
CH322-67G18	CHORI-322	3L	20746053	20765199
CH322-67G20	CHORI-322	2L	5075800	5093971
CH322-67G21	CHORI-322	3R	26431013	26450772
CH322-67H01	CHORI-322	3R	7828322	7848834
CH322-67H03	CHORI-322	2L	14435620	14456260
CH322-67H04	CHORI-322	2L	18919693	18942221
CH322-67H05	CHORI-322	X	6931012	6952128
CH322-67H06	CHORI-322	2L	16272632	16290062
CH322-67H08	CHORI-322	2R	4070230	4090791
CH322-67H10	CHORI-322	2R	9153652	9173519
CH322-67H11	CHORI-322	2L	2499543	2522289
CH322-67H12	CHORI-322	3L	3271002	3289487
CH322-67H13	CHORI-322	X	13371061	13390125
CH322-67H14	CHORI-322	3L	4787646	4807923
CH322-67H16	CHORI-322	2L	11591883	11611452
CH322-67H17	CHORI-322	X	7948102	7967689
CH322-67H18	CHORI-322	X	1385527	1406793
CH322-67H20	CHORI-322	3R	14469678	14488631
CH322-67H21	CHORI-322	3R	23607641	23627858
CH322-67H22	CHORI-322	2L	17344563	17364125

CH322-67I01	CHORI-322	3L	20776861	20799443
CH322-67I02	CHORI-322	2R	17449061	17472314
CH322-67I04	CHORI-322	3L	12129542	12149332
CH322-67I06	CHORI-322	3R	10305989	10324863
CH322-67I07	CHORI-322	3R	6286939	6308617
CH322-67I08	CHORI-322	3R	12770264	12788976
CH322-67I09	CHORI-322	2L	17739673	17760463
CH322-67I10	CHORI-322	2L	10549176	10569428
CH322-67I11	CHORI-322	3L	11468256	11489809
CH322-67I12	CHORI-322	3R	6359107	6379474
CH322-67I13	CHORI-322	2L	21204815	21223562
CH322-67I14	CHORI-322	3L	4783069	4804467
CH322-67I15	CHORI-322	2R	19470463	19491499
CH322-67I18	CHORI-322	2L	1199752	1220007
CH322-67I20	CHORI-322	2L	11536785	11556525
CH322-67I21	CHORI-322	2L	14435620	14456260
CH322-67I22	CHORI-322	3L	15748609	15768215
CH322-67I23	CHORI-322	3L	4593429	4614860
CH322-67J02	CHORI-322	2R	15213729	15233265
CH322-67J05	CHORI-322	3L	9173830	9194972
CH322-67J06	CHORI-322	3L	458599	479346
CH322-67J07	CHORI-322	2R	13463464	13484684
CH322-67J08	CHORI-322	3R	10719854	10743471
CH322-67J09	CHORI-322	3R	17811480	17829866
CH322-67J10	CHORI-322	3R	1772906	1794151
CH322-67J11	CHORI-322	3L	10422166	10443355
CH322-67J12	CHORI-322	3L	2006262	2027219
CH322-67J14	CHORI-322	2R	1550109	1570709
CH322-67J15	CHORI-322	2L	15614701	15638251
CH322-67J16	CHORI-322	3R	16945256	16966439
CH322-67J17	CHORI-322	3R	22482535	22502107
CH322-67J18	CHORI-322	3R	1006927	1029698
CH322-67J19	CHORI-322	3L	3563929	3584198
CH322-67J20	CHORI-322	3L	5723788	5747520
CH322-67J21	CHORI-322	2R	17716621	17736821
CH322-67J22	CHORI-322	3R	735958	755148
CH322-67K01	CHORI-322	4	890940	910927
CH322-67K03	CHORI-322	3L	3563928	3584198
CH322-67K04	CHORI-322	2R	17896537	17918670
CH322-67K07	CHORI-322	2R	20579258	20602078
CH322-67K08	CHORI-322	2L	14214327	14235671
CH322-67K09	CHORI-322	3L	14250193	14270177
CH322-67K10	CHORI-322	3R	26946374	26969394
CH322-67K11	CHORI-322	3R	17811480	17829866
CH322-67K12	CHORI-322	2R	13199541	13222381
CH322-67K13	CHORI-322	2R	6865593	6886722
CH322-67K14	CHORI-322	2L	10846868	10868260
CH322-67K15	CHORI-322	2R	13463464	13484684
CH322-67K19	CHORI-322	2R	11113313	11136146
CH322-67K20	CHORI-322	2R	16347513	16369136
CH322-67K21	CHORI-322	3R	7828322	7848834
CH322-67L01	CHORI-322	X	20396284	20418935
CH322-67L02	CHORI-322	2L	739705	763366
CH322-67L04	CHORI-322	3R	26817026	26841038

CH322-67L05	CHORI-322	2R	2604638	2628965
CH322-67L07	CHORI-322	2R	15298177	15319723
CH322-67L08	CHORI-322	2R	1562025	1582772
CH322-67L09	CHORI-322	2R	6096884	6117104
CH322-67L10	CHORI-322	2L	14214327	14235671
CH322-67L11	CHORI-322	2L	15143782	15163483
CH322-67L12	CHORI-322	2L	10846868	10868260
CH322-67L13	CHORI-322	3L	1716927	1737161
CH322-67L14	CHORI-322	3LHet	2257319	2277288
CH322-67L15	CHORI-322	X	11697045	11717178
CH322-67L16	CHORI-322	X	3782840	3805146
CH322-67L17	CHORI-322	3L	15402738	15423446
CH322-67L18	CHORI-322	2R	18534628	18556923
CH322-67L22	CHORI-322	3L	14076813	14096711
CH322-67M02	CHORI-322	2L	5075800	5094262
CH322-67M06	CHORI-322	2R	5456492	5478644
CH322-67M11	CHORI-322	2R	6689023	6707969
CH322-67M13	CHORI-322	3RHet	901774	919181
CH322-67M15	CHORI-322	X	19651256	19672044
CH322-67M18	CHORI-322	3L	19165745	19185712
CH322-67M21	CHORI-322	X	10639622	10664744
CH322-67M22	CHORI-322	2R	8007598	8029360
CH322-67M23	CHORI-322	3R	4317730	4335784
CH322-67N01	CHORI-322	X	1136724	1155277
CH322-67N02	CHORI-322	2R	2770332	2790937
CH322-67N04	CHORI-322	2R	17297921	17318520
CH322-67N08	CHORI-322	2L	10258905	10282054
CH322-67N09	CHORI-322	X	7731357	7752398
CH322-67N10	CHORI-322	2R	10937012	10958964
CH322-67N12	CHORI-322	3R	22461493	22482786
CH322-67N15	CHORI-322	X	13371061	13390125
CH322-67N16	CHORI-322	2L	17344563	17364125
CH322-67N17	CHORI-322	2R	20111414	20135590
CH322-67N18	CHORI-322	X	1385527	1406793
CH322-67N20	CHORI-322	3L	18985528	19007493
CH322-67N22	CHORI-322	X	14167177	14188335
CH322-67O01	CHORI-322	X	11565938	11587388
CH322-67O02	CHORI-322	2L	857446	877490
CH322-67O05	CHORI-322	3R	7038804	7059105
CH322-67O06	CHORI-322	3R	12770264	12788909
CH322-67O08	CHORI-322	X	6931012	6952128
CH322-67O09	CHORI-322	2R	10259735	10279370
CH322-67O10	CHORI-322	3R	10305983	10324863
CH322-67O11	CHORI-322	2R	18578965	18599196
CH322-67O13	CHORI-322	2RHet	2795989	2815083
CH322-67O15	CHORI-322	2R	14799993	14818584
CH322-67O16	CHORI-322	X	7948102	7967679
CH322-67O17	CHORI-322	2L	3470086	3490907
CH322-67O19	CHORI-322	3L	12242178	12261029
CH322-67P01	CHORI-322	3L	3563928	3584198
CH322-67P02	CHORI-322	2R	15213729	15233265
CH322-67P03	CHORI-322	2R	20579258	20602083
CH322-67P05	CHORI-322	3L	14250193	14270307
CH322-67P06	CHORI-322	2R	19005578	19027647

CH322-67P07	CHORI-322	3R	17811481	17829866
CH322-67P09	CHORI-322	2R	6865593	6886722
CH322-67P10	CHORI-322	3R	19798266	19820117
CH322-67P12	CHORI-322	2R	12591716	12612380
CH322-67P19	CHORI-322	2L	10477683	10493422
CH322-67P22	CHORI-322	2L	11591883	11611452
CH322-67P23	CHORI-322	2L	14435620	14456260
CH322-68A02	CHORI-322	3R	16888067	16909958
CH322-68A03	CHORI-322	2R	6100353	6119847
CH322-68A04	CHORI-322	3R	23036349	23057597
CH322-68B01	CHORI-322	3R	7000173	7021923
CH322-68O21	CHORI-322	3R	22854676	22876177
CH322-69A01	CHORI-322	2L	18180745	18199945
CH322-69A04	CHORI-322	2R	12836911	12856287
CH322-69A07	CHORI-322	3R	7546135	7564800
CH322-69A09	CHORI-322	3L	6434528	6454850
CH322-69A10	CHORI-322	3L	9262222	9282651
CH322-69A16	CHORI-322	2L	1934817	1958524
CH322-69A21	CHORI-322	2R	12553544	12575481
CH322-69A23	CHORI-322	X	4217441	4236077
CH322-69B01	CHORI-322	X	15407915	15426588
CH322-69B02	CHORI-322	X	12148833	12170162
CH322-69B03	CHORI-322	3L	14908007	14927646
CH322-69B05	CHORI-322	2R	4187450	4207679
CH322-69B12	CHORI-322	X	18948747	18966930
CH322-69B21	CHORI-322	2L	14103238	14125455
CH322-69B24	CHORI-322	2R	17844969	17866740
CH322-69C01	CHORI-322	X	15411183	15429967
CH322-69C02	CHORI-322	2L	5505618	5526596
CH322-69C03	CHORI-322	3R	3246765	3266597
CH322-69C05	CHORI-322	3L	1450543	1469489
CH322-69C09	CHORI-322	3L	12855532	12875787
CH322-69C22	CHORI-322	2L	21203263	21223562
CH322-69D11	CHORI-322	2L	6464496	6485904
CH322-69D23	CHORI-322	2L	543703	564634
CH322-69E01	CHORI-322	3R	6824980	6847654
CH322-69E02	CHORI-322	2L	9709607	9727159
CH322-69E03	CHORI-322	X	13962442	13984035
CH322-69E13	CHORI-322	2L	12843479	12866923
CH322-69E15	CHORI-322	3L	518178	539155
CH322-69E23	CHORI-322	3R	20817644	20840762
CH322-69E24	CHORI-322	3R	22746520	22768977
CH322-69F01	CHORI-322	3L	8181462	8202121
CH322-69F02	CHORI-322	2R	5955501	5976635
CH322-69F20	CHORI-322	X	5659862	5678015
CH322-69G01	CHORI-322	X	11296789	11319045
CH322-69G02	CHORI-322	3R	24981188	25004428
CH322-69G11	CHORI-322	2R	1702997	1722913
CH322-69G13	CHORI-322	3R	4116750	4138575
CH322-69G22	CHORI-322	X	7125386	7146728
CH322-69H04	CHORI-322	3R	11458241	11476962
CH322-69H07	CHORI-322	3R	17717139	17740336
CH322-69H08	CHORI-322	2R	13226664	13247244
CH322-69H11	CHORI-322	2L	17933876	17954444

CH322-69H12	CHORI-322	2R	17374288	17393940
CH322-69H14	CHORI-322	3R	14180182	14199814
CH322-69H15	CHORI-322	X	15814033	15833323
CH322-69H20	CHORI-322	3L	9153162	9173833
CH322-69I02	CHORI-322	2R	18667268	18687484
CH322-69I22	CHORI-322	2L	8868490	8889483
CH322-69I24	CHORI-322	2L	2310764	2330635
CH322-69J05	CHORI-322	2R	6096624	6119847
CH322-69J06	CHORI-322	2L	1559182	1580503
CH322-69J12	CHORI-322	3R	13214290	13234391
CH322-69J14	CHORI-322	3R	10392620	10411835
CH322-69J15	CHORI-322	3L	10793077	10812679
CH322-69J16	CHORI-322	2R	20485145	20507740
CH322-69K21	CHORI-322	3L	8277277	8298604
CH322-69K22	CHORI-322	2R	3960775	3980614
CH322-69L08	CHORI-322	2R	17834410	17855399
CH322-69L23	CHORI-322	2L	19185549	19205923
CH322-69M01	CHORI-322	3L	3439207	3458020
CH322-69M13	CHORI-322	3R	24797944	24819006
CH322-69M15	CHORI-322	2R	15083694	15105966
CH322-69M19	CHORI-322	3R	2480191	2504708
CH322-69M20	CHORI-322	2R	9854068	9876404
CH322-69M23	CHORI-322	3R	3336924	3357347
CH322-69N01	CHORI-322	3R	22019755	22039942
CH322-69N05	CHORI-322	2R	17719821	17739645
CH322-69N07	CHORI-322	2L	12725763	12746209
CH322-69N08	CHORI-322	3L	20542046	20564636
CH322-69N12	CHORI-322	2R	16337722	16359686
CH322-69N17	CHORI-322	X	21132136	21152367
CH322-69N20	CHORI-322	3R	25263048	25282622
CH322-69O01	CHORI-322	3R	13925334	13945317
CH322-69O03	CHORI-322	2R	4175336	4196196
CH322-69O04	CHORI-322	2R	1933296	1952943
CH322-69O05	CHORI-322	2R	9022619	9042743
CH322-69O06	CHORI-322	X	4691487	4710716
CH322-69O09	CHORI-322	2R	14687738	14712004
CH322-69O10	CHORI-322	3L	20646801	20668868
CH322-69O14	CHORI-322	2R	3937721	3957516
CH322-69O16	CHORI-322	3R	24363518	24380433
CH322-69O17	CHORI-322	3R	4253235	4274242
CH322-69O23	CHORI-322	3L	13204985	13225969
CH322-69O24	CHORI-322	3L	20080578	20100372
CH322-69P01	CHORI-322	X	15089991	15109782
CH322-69P02	CHORI-322	X	22128372	22147272
CH322-69P03	CHORI-322	2L	18265322	18283576
CH322-69P04	CHORI-322	X	10943187	10966242
CH322-69P08	CHORI-322	2L	4461925	4484400
CH322-69P14	CHORI-322	2L	20825974	20845813
CH322-69P17	CHORI-322	X	22309102	22330844
CH322-69P23	CHORI-322	3L	20081498	20102999
CH322-70A03	CHORI-322	X	1458593	1479092
CH322-70A04	CHORI-322	3L	2661438	2685744
CH322-70A05	CHORI-322	3R	20457721	20481053
CH322-70A06	CHORI-322	2L	20865309	20884479

CH322-70A07	CHORI-322	2R	15770912	15792352
CH322-70A08	CHORI-322	3R	1711021	1732163
CH322-70A09	CHORI-322	2L	12487351	12506661
CH322-70A10	CHORI-322	3R	3966693	3985845
CH322-70A11	CHORI-322	X	6018045	6039635
CH322-70A13	CHORI-322	2L	14103238	14125455
CH322-70A14	CHORI-322	3R	16813046	16831950
CH322-70A16	CHORI-322	3R	14039947	14059492
CH322-70A18	CHORI-322	3R	26925998	26946377
CH322-70A19	CHORI-322	2L	6464496	6485904
CH322-70A20	CHORI-322	3R	1618342	1641227
CH322-70A21	CHORI-322	3L	11548146	11571153
CH322-70B01	CHORI-322	2R	7832648	7855217
CH322-70B03	CHORI-322	3L	21634904	21656156
CH322-70B04	CHORI-322	3R	23539523	23559304
CH322-70B05	CHORI-322	X	18049853	18072487
CH322-70B06	CHORI-322	X	8627800	8647482
CH322-70B07	CHORI-322	2R	20489920	20513381
CH322-70B08	CHORI-322	4	1054507	1072599
CH322-70B09	CHORI-322	X	13452676	13474586
CH322-70B10	CHORI-322	3R	26452387	26473476
CH322-70B11	CHORI-322	3R	14807214	14825228
CH322-70B12	CHORI-322	3R	5449500	5472188
CH322-70B14	CHORI-322	3L	1240021	1261580
CH322-70B17	CHORI-322	3R	18459987	18481647
CH322-70B19	CHORI-322	3R	16168797	16187418
CH322-70B20	CHORI-322	3R	18884459	18906922
CH322-70B22	CHORI-322	3R	707899	726612
CH322-70B24	CHORI-322	2L	21053193	21075579
CH322-70C01	CHORI-322	X	14502236	14524843
CH322-70C02	CHORI-322	3R	15762795	15784107
CH322-70C04	CHORI-322	2R	18552106	18571626
CH322-70C05	CHORI-322	3L	3057440	3079367
CH322-70C09	CHORI-322	X	12092345	12112876
CH322-70C17	CHORI-322	3R	8680859	8701228
CH322-70C20	CHORI-322	3LHet	378825	400671
CH322-70C21	CHORI-322	2R	19129719	19150552
CH322-70C22	CHORI-322	2R	14018367	14041417
CH322-70C24	CHORI-322	2R	9675967	9696021
CH322-70D02	CHORI-322	2R	16099557	16120172
CH322-70D04	CHORI-322	2L	4062198	4084357
CH322-70D05	CHORI-322	3R	1062343	1082055
CH322-70D06	CHORI-322	3L	11010810	11031132
CH322-70D09	CHORI-322	3LHet	383464	405029
CH322-70D18	CHORI-322	2L	18925205	18946561
CH322-70D19	CHORI-322	2L	10806647	10826002
CH322-70D21	CHORI-322	2L	12288111	12311245
CH322-70D23	CHORI-322	2L	16613863	16632180
CH322-70D24	CHORI-322	2L	2515495	2535398
CH322-70E01	CHORI-322	2R	11877028	11898661
CH322-70E02	CHORI-322	2R	11167783	11188573
CH322-70E03	CHORI-322	3L	185043	205332
CH322-70E13	CHORI-322	3L	21224810	21247556
CH322-70E18	CHORI-322	3R	26452387	26473476

CH322-70E20	CHORI-322	3R	5449500	5472188
CH322-70E21	CHORI-322	2L	12983133	13003244
CH322-70E22	CHORI-322	X	13910060	13933751
CH322-70F02	CHORI-322	3R	17934256	17956099
CH322-70F03	CHORI-322	X	7420938	7438405
CH322-70F04	CHORI-322	2L	10526228	10546042
CH322-70F06	CHORI-322	3L	7262555	7283557
CH322-70F11	CHORI-322	3L	13062180	13081222
CH322-70F14	CHORI-322	3LHet	1184892	1206061
CH322-70F24	CHORI-322	3R	6261683	6282401
CH322-70G12	CHORI-322	3L	10681305	10701665
CH322-70G20	CHORI-322	2R	895712	916117
CH322-70G22	CHORI-322	3L	11683101	11705106
CH322-70G24	CHORI-322	X	5428794	5449103
CH322-70H01	CHORI-322	2L	14874502	14894369
CH322-70H02	CHORI-322	2R	14205086	14227122
CH322-70H04	CHORI-322	2L	252901	273186
CH322-70H11	CHORI-322	2L	3273101	3295523
CH322-70H12	CHORI-322	2RHet	3140369	3160592
CH322-70H23	CHORI-322	3L	22382068	22403515
CH322-70I01	CHORI-322	X	15814033	15833323
CH322-70I02	CHORI-322	3R	25445428	25466404
CH322-70I03	CHORI-322	2L	17933876	17954374
CH322-70I08	CHORI-322	3L	7262555	7283557
CH322-70I22	CHORI-322	3R	15310157	15328061
CH322-70I24	CHORI-322	X	16757008	16776496
CH322-70J01	CHORI-322	3L	3057440	3079367
CH322-70J03	CHORI-322	X	4023895	4044474
CH322-70J04	CHORI-322	X	10083951	10103910
CH322-70J09	CHORI-322	2R	14546721	14567671
CH322-70J11	CHORI-322	2L	2713207	2732404
CH322-70J13	CHORI-322	3R	27281335	27305877
CH322-70J21	CHORI-322	3L	18452727	18471876
CH322-70J23	CHORI-322	2R	4443563	4462995
CH322-70J24	CHORI-322	X	18759107	18781494
CH322-70K02	CHORI-322	3R	17259616	17280278
CH322-70K05	CHORI-322	3R	25802559	25826713
CH322-70K13	CHORI-322	X	9490674	9513234
CH322-70K22	CHORI-322	3L	17474737	17495505
CH322-70K24	CHORI-322	3LHet	1184892	1206061
CH322-70L01	CHORI-322	3L	8692409	8716105
CH322-70L11	CHORI-322	3L	1474136	1493795
CH322-70L12	CHORI-322	2R	2785322	2807775
CH322-70L21	CHORI-322	3L	9574009	9594335
CH322-70M02	CHORI-322	2L	9262136	9284525
CH322-70M06	CHORI-322	2R	9348470	9369969
CH322-70M11	CHORI-322	2R	13963684	13984765
CH322-70M13	CHORI-322	3R	5800855	5820471
CH322-70M15	CHORI-322	2R	5154272	5173262
CH322-70M21	CHORI-322	2L	19185549	19205923
CH322-70M23	CHORI-322	3L	10425244	10441885
CH322-70N01	CHORI-322	X	9490674	9513234
CH322-70N07	CHORI-322	2R	13756311	13775783
CH322-70N13	CHORI-322	3L	15320626	15341451

CH322-70N19	CHORI-322	2R	14494899	14515884
CH322-70N20	CHORI-322	2L	18802313	18822059
CH322-70N24	CHORI-322	2L	15801175	15821269
CH322-70O01	CHORI-322	3R	6941677	6963681
CH322-70O02	CHORI-322	3R	17273662	17292014
CH322-70O03	CHORI-322	2L	19941840	19961000
CH322-70O04	CHORI-322	3L	18520501	18542844
CH322-70O08	CHORI-322	3L	13846116	13866285
CH322-70O09	CHORI-322	2R	7926855	7947859
CH322-70O11	CHORI-322	X	4086650	4106179
CH322-70O12	CHORI-322	2R	9583377	9602311
CH322-70O14	CHORI-322	3R	15885477	15907149
CH322-70O17	CHORI-322	2L	18716093	18738582
CH322-70P01	CHORI-322	2L	6604553	6623438
CH322-70P02	CHORI-322	3R	5429335	5448511
CH322-70P03	CHORI-322	3L	18537210	18557452
CH322-70P04	CHORI-322	3L	2869884	2886104
CH322-70P06	CHORI-322	2R	9144183	9167565
CH322-70P08	CHORI-322	3R	1977985	1999314
CH322-70P09	CHORI-322	3L	5236614	5257561
CH322-70P10	CHORI-322	2R	17927950	17947189
CH322-70P13	CHORI-322	2L	14708048	14728283
CH322-70P14	CHORI-322	2L	13067550	13089278
CH322-70P15	CHORI-322	3R	11824355	11846873
CH322-70P17	CHORI-322	2R	13131136	13149166
CH322-70P21	CHORI-322	2L	13305025	13325088
CH322-70P22	CHORI-322	3L	6536307	6559510
CH322-71A04	CHORI-322	3L	13962203	13982787
CH322-71A06	CHORI-322	3R	8384810	8404152
CH322-71A07	CHORI-322	2R	11121859	11142759
CH322-71A08	CHORI-322	3R	24468752	24489243
CH322-71A09	CHORI-322	2R	231758	252109
CH322-71A12	CHORI-322	2L	1366178	1387126
CH322-71A13	CHORI-322	2L	14199576	14219145
CH322-71A14	CHORI-322	3R	8054511	8075105
CH322-71A21	CHORI-322	3R	16857457	16879570
CH322-71A23	CHORI-322	X	2183881	2202709
CH322-71B04	CHORI-322	X	1030250	1052754
CH322-71B06	CHORI-322	3L	2306391	2327479
CH322-71B12	CHORI-322	3R	27446262	27466108
CH322-71B23	CHORI-322	2L	15247788	15270653
CH322-71C02	CHORI-322	2L	4813007	4833520
CH322-71C03	CHORI-322	3L	22424294	22442403
CH322-71C04	CHORI-322	2L	230482	253203
CH322-71C05	CHORI-322	3R	3452125	3471173
CH322-71C22	CHORI-322	3R	11441114	11459984
CH322-71C23	CHORI-322	3R	16744488	16765538
CH322-71D01	CHORI-322	3L	1367750	1388007
CH322-71D02	CHORI-322	3L	15458206	15477791
CH322-71D06	CHORI-322	2R	12317452	12339405
CH322-71D12	CHORI-322	X	17724892	17745411
CH322-71D23	CHORI-322	2L	18786508	18807124
CH322-71E01	CHORI-322	2R	13115116	13137820
CH322-71E02	CHORI-322	3L	23928097	23950792

CH322-71E03	CHORI-322	X	8299961	8319546
CH322-71E11	CHORI-322	3L	1422568	1444386
CH322-71E22	CHORI-322	3R	21187427	21208353
CH322-71F01	CHORI-322	3R	7451906	7471784
CH322-71F02	CHORI-322	2L	10081239	10102350
CH322-71F05	CHORI-322	3R	8935109	8957048
CH322-71F11	CHORI-322	2R	20692439	20714798
CH322-71F19	CHORI-322	2L	22600484	22623050
CH322-71F23	CHORI-322	3R	25594200	25615606
CH322-71G12	CHORI-322	3L	4474609	4498466
CH322-71G13	CHORI-322	2L	15111095	15132012
CH322-71G22	CHORI-322	2L	13459914	13483564
CH322-71H11	CHORI-322	3R	6906407	6926524
CH322-71H21	CHORI-322	3R	6904810	6926291
CH322-71H22	CHORI-322	3R	1680380	1701538
CH322-71I12	CHORI-322	3R	16311985	16333667
CH322-71I13	CHORI-322	X	19189887	19207436
CH322-71I19	CHORI-322	2R	8480789	8500408
CH322-71I24	CHORI-322	X	8169609	8190112
CH322-71J04	CHORI-322	2L	13614914	13634036
CH322-71J06	CHORI-322	3R	5224434	5245117
CH322-71J11	CHORI-322	2R	5274414	5295475
CH322-71J12	CHORI-322	2R	19217996	19237266
CH322-71J13	CHORI-322	2R	10157316	10179501
CH322-71J14	CHORI-322	2L	15789646	15812158
CH322-71K01	CHORI-322	2L	20491508	20510546
CH322-71K02	CHORI-322	2L	14436279	14454005
CH322-71K06	CHORI-322	2R	1570706	1591389
CH322-71K09	CHORI-322	X	16870447	16890698
CH322-71K10	CHORI-322	2L	16905901	16924052
CH322-71K12	CHORI-322	3R	22152920	22172929
CH322-71K13	CHORI-322	2L	13888275	13909745
CH322-71L01	CHORI-322	2R	15923439	15942377
CH322-71L02	CHORI-322	2L	6700308	6724687
CH322-71L23	CHORI-322	2L	9575916	9596299
CH322-71M01	CHORI-322	2R	9215663	9236798
CH322-71M02	CHORI-322	3R	11633198	11653175
CH322-71M03	CHORI-322	3R	11913724	11936016
CH322-71M13	CHORI-322	2L	3002900	3026715
CH322-71M17	CHORI-322	3L	1019521	1040233
CH322-71M20	CHORI-322	3R	1823213	1841754
CH322-71M21	CHORI-322	3L	19417339	19436635
CH322-71N02	CHORI-322	3R	19470285	19492166
CH322-71N12	CHORI-322	3L	4828302	4849210
CH322-71N13	CHORI-322	3L	14738777	14758153
CH322-71N15	CHORI-322	2L	18786508	18807124
CH322-71N16	CHORI-322	3R	6904810	6926291
CH322-71N18	CHORI-322	2R	14681503	14703450
CH322-71N21	CHORI-322	3L	1501839	1521898
CH322-71O02	CHORI-322	X	17840113	17862441
CH322-71O03	CHORI-322	3L	14461089	14481478
CH322-71O17	CHORI-322	2L	4425545	4446311
CH322-71O21	CHORI-322	3L	11901213	11920226
CH322-71P02	CHORI-322	X	10195192	10213565

CH322-71P04	CHORI-322	3RHet	411360	431442
CH322-71P05	CHORI-322	X	7226132	7245121
CH322-71P08	CHORI-322	2L	13424993	13445497
CH322-71P13	CHORI-322	2R	15714794	15736313
CH322-71P14	CHORI-322	2R	19718030	19740147
CH322-71P17	CHORI-322	2L	4279225	4299834
CH322-71P21	CHORI-322	3R	25052396	25075273
CH322-71P22	CHORI-322	X	1650272	1670349
CH322-71P23	CHORI-322	3R	27026372	27047535
CH322-72A02	CHORI-322	2R	19718030	19740147
CH322-72A03	CHORI-322	3L	4636228	4656537
CH322-72A04	CHORI-322	3R	201863	224696
CH322-72A05	CHORI-322	3R	2385382	2404490
CH322-72A06	CHORI-322	2R	20660340	20682377
CH322-72A08	CHORI-322	2R	13996782	14018535
CH322-72A09	CHORI-322	3L	10842399	10862994
CH322-72A10	CHORI-322	3RHet	411360	431442
CH322-72A11	CHORI-322	2R	6959072	6978115
CH322-72A12	CHORI-322	3R	21457047	21479732
CH322-72A16	CHORI-322	3L	11165583	11187268
CH322-72A17	CHORI-322	3L	1501839	1521898
CH322-72A21	CHORI-322	2R	6699149	6719086
CH322-72B01	CHORI-322	3L	4598920	4622744
CH322-72B03	CHORI-322	3L	5164652	5186416
CH322-72B04	CHORI-322	3L	7799655	7819696
CH322-72B05	CHORI-322	3R	7573154	7592698
CH322-72B08	CHORI-322	2L	12671922	12690496
CH322-72B11	CHORI-322	3R	25344313	25363513
CH322-72B12	CHORI-322	3R	20103929	20124283
CH322-72C02	CHORI-322	3R	11269094	11290219
CH322-72C03	CHORI-322	3R	18168216	18191097
CH322-72C06	CHORI-322	2R	11217155	11238742
CH322-72C21	CHORI-322	X	10505511	10529147
CH322-72C24	CHORI-322	3L	9128835	9147969
CH322-72D01	CHORI-322	2L	7934814	7955301
CH322-72D04	CHORI-322	X	9872386	9893761
CH322-72D05	CHORI-322	3R	24082690	24102910
CH322-72D09	CHORI-322	3L	4420589	4441626
CH322-72D11	CHORI-322	3R	6565067	6583758
CH322-72D12	CHORI-322	2L	17927150	17946855
CH322-72D15	CHORI-322	3R	6810289	6832323
CH322-72D21	CHORI-322	3R	18405116	18426997
CH322-72D24	CHORI-322	2R	17222526	17244179
CH322-72E03	CHORI-322	X	637250	656747
CH322-72E07	CHORI-322	2L	156309	178350
CH322-72E08	CHORI-322	2L	6273098	6293569
CH322-72E12	CHORI-322	2R	16100588	16124200
CH322-72E15	CHORI-322	2L	1150635	1171887
CH322-72E22	CHORI-322	X	14890825	14911176
CH322-72F03	CHORI-322	3R	15226147	15247839
CH322-72F04	CHORI-322	3R	17005056	17025496
CH322-72F05	CHORI-322	3R	10442329	10463062
CH322-72F06	CHORI-322	X	20317948	20338701
CH322-72F08	CHORI-322	3L	2574488	2593284

CH322-72F12	CHORI-322	2L	13825921	13847070
CH322-72F14	CHORI-322	2R	12064744	12085232
CH322-72F17	CHORI-322	2L	17556498	17580736
CH322-72F22	CHORI-322	3L	21874574	21895923
CH322-72G01	CHORI-322	2R	13996782	14018535
CH322-72G02	CHORI-322	3L	8811334	8833957
CH322-72G07	CHORI-322	4	769984	790826
CH322-72G08	CHORI-322	2R	18662935	18682620
CH322-72G11	CHORI-322	3R	14517720	14539318
CH322-72G12	CHORI-322	3L	11278920	11300758
CH322-72G13	CHORI-322	3R	20450931	20474102
CH322-72G14	CHORI-322	3R	7007767	7027296
CH322-72G20	CHORI-322	3L	1913947	1935460
CH322-72G21	CHORI-322	3R	1467858	1489543
CH322-72G22	CHORI-322	X	12633466	12652004
CH322-72G24	CHORI-322	2R	5984846	6001996
CH322-72H02	CHORI-322	3R	8261202	8282730
CH322-72H05	CHORI-322	2L	17442834	17462505
CH322-72H07	CHORI-322	X	13716090	13736529
CH322-72H11	CHORI-322	3R	8850348	8871648
CH322-72H13	CHORI-322	X	12096118	12117189
CH322-72H17	CHORI-322	3R	24169358	24189427
CH322-72H21	CHORI-322	2L	7618626	7639069
CH322-72H24	CHORI-322	2L	6089892	6110514
CH322-72I01	CHORI-322	3L	20080717	20101200
CH322-72I06	CHORI-322	2L	19243450	19262017
CH322-72I09	CHORI-322	3L	19948170	19966679
CH322-72I10	CHORI-322	2R	12229058	12248908
CH322-72I11	CHORI-322	3R	1118692	1136937
CH322-72I13	CHORI-322	2R	6989881	7006876
CH322-72I14	CHORI-322	X	237191	257137
CH322-72I15	CHORI-322	3R	25052396	25075273
CH322-72I16	CHORI-322	X	857323	876436
CH322-72I18	CHORI-322	3R	10442419	10463062
CH322-72I21	CHORI-322	3R	15631558	15652552
CH322-72I23	CHORI-322	3R	19866052	19886409
CH322-72I24	CHORI-322	2L	3973640	3993246
CH322-72J01	CHORI-322	3R	5216768	5239605
CH322-72J05	CHORI-322	3L	18104090	18124662
CH322-72J06	CHORI-322	2R	16689741	16711444
CH322-72J07	CHORI-322	3L	21849798	21870907
CH322-72J09	CHORI-322	2R	13711204	13732177
CH322-72J11	CHORI-322	2R	20325792	20347268
CH322-72J12	CHORI-322	3R	18405116	18426997
CH322-72J13	CHORI-322	2R	1586354	1605717
CH322-72J14	CHORI-322	3R	14161577	14184896
CH322-72J15	CHORI-322	X	19608191	19630349
CH322-72J16	CHORI-322	3R	6810289	6832323
CH322-72J17	CHORI-322	3R	8110290	8129904
CH322-72J19	CHORI-322	2R	5328750	5350088
CH322-72J20	CHORI-322	X	8299130	8318132
CH322-72J22	CHORI-322	2L	3106970	3127294
CH322-72J24	CHORI-322	3R	21358783	21380909
CH322-72K01	CHORI-322	3L	10297118	10317854

CH322-72K07	CHORI-322	3R	5209475	5232369
CH322-72K09	CHORI-322	3R	17138506	17160272
CH322-72K12	CHORI-322	2R	14757419	14778070
CH322-72K17	CHORI-322	3R	21387525	21406753
CH322-72K18	CHORI-322	2L	13815020	13836613
CH322-72K22	CHORI-322	3R	14183374	14204016
CH322-72L03	CHORI-322	2R	17203184	17228807
CH322-72L04	CHORI-322	2R	17116348	17137396
CH322-72L05	CHORI-322	3R	14183374	14204016
CH322-72L08	CHORI-322	3L	6658629	6680081
CH322-72L10	CHORI-322	3L	541335	563285
CH322-72L17	CHORI-322	X	9823535	9841976
CH322-72L18	CHORI-322	2R	15303265	15323215
CH322-72L19	CHORI-322	X	16576342	16595299
CH322-72L20	CHORI-322	2R	1344430	1362238
CH322-72L22	CHORI-322	3R	2342794	2362981
CH322-72M01	CHORI-322	3R	4324295	4345557
CH322-72M02	CHORI-322	X	5099430	5119944
CH322-72M04	CHORI-322	2R	16401794	16422295
CH322-72M10	CHORI-322	3L	16873433	16893914
CH322-72M11	CHORI-322	3R	2396298	2416932
CH322-72M13	CHORI-322	3R	12002674	12024228
CH322-72M15	CHORI-322	3L	21171320	21194121
CH322-72M19	CHORI-322	2R	17566886	17589122
CH322-72M20	CHORI-322	3R	22357896	22378136
CH322-72M21	CHORI-322	3R	3546192	3567889
CH322-72N07	CHORI-322	2L	13156947	13180441
CH322-72N09	CHORI-322	3L	15802890	15820540
CH322-72N10	CHORI-322	2L	14512422	14531057
CH322-72N13	CHORI-322	2R	18273815	18297009
CH322-72N15	CHORI-322	2R	16618769	16643136
CH322-72N16	CHORI-322	3L	10114868	10134769
CH322-72N17	CHORI-322	2L	13815020	13836613
CH322-72N20	CHORI-322	2L	1185011	1204267
CH322-72N23	CHORI-322	X	17361918	17377767
CH322-72O01	CHORI-322	X	1650272	1670349
CH322-72O03	CHORI-322	3R	9861040	9880894
CH322-72O06	CHORI-322	3L	6561058	6582974
CH322-72O07	CHORI-322	2L	12981090	13001329
CH322-72O11	CHORI-322	2L	11589863	11609010
CH322-72O12	CHORI-322	2L	14937471	14958505
CH322-72O15	CHORI-322	2R	19465359	19486231
CH322-72O19	CHORI-322	2L	15789635	15812158
CH322-72P02	CHORI-322	3R	14194279	14213735
CH322-72P05	CHORI-322	X	14332507	14354456
CH322-72P07	CHORI-322	3R	21423746	21444822
CH322-72P08	CHORI-322	3R	6740588	6760322
CH322-72P11	CHORI-322	3R	24699563	24722204
CH322-72P12	CHORI-322	X	19608191	19630349
CH322-72P14	CHORI-322	2R	1586354	1605717
CH322-72P16	CHORI-322	2L	17869007	17888394
CH322-72P20	CHORI-322	X	625464	645645
CH322-72P22	CHORI-322	3L	2034764	2054287
CH322-73A04	CHORI-322	3R	2865533	2885411

CH322-73A05	CHORI-322	3LHet	1573710	1592804
CH322-73A06	CHORI-322	3R	13008523	13028333
CH322-73A09	CHORI-322	3R	6699699	6720257
CH322-73A11	CHORI-322	2L	9918874	9939245
CH322-73A16	CHORI-322	3L	15309107	15330330
CH322-73A17	CHORI-322	2R	2917677	2937541
CH322-73A20	CHORI-322	X	3338728	3357904
CH322-73B01	CHORI-322	3R	19008593	19028808
CH322-73B02	CHORI-322	2R	12465519	12485447
CH322-73B04	CHORI-322	3R	17958838	17979521
CH322-73B05	CHORI-322	2L	8733358	8752395
CH322-73B16	CHORI-322	3R	13043263	13063695
CH322-73B18	CHORI-322	3L	13248100	13269503
CH322-73B19	CHORI-322	3L	3953343	3972722
CH322-73C01	CHORI-322	X	4350919	4368553
CH322-73C02	CHORI-322	3L	22829782	22852017
CH322-73C06	CHORI-322	3R	14180457	14203078
CH322-73C08	CHORI-322	2L	1431174	1451292
CH322-73C16	CHORI-322	2L	10125398	10146131
CH322-73C19	CHORI-322	4	702601	722278
CH322-73C20	CHORI-322	3L	8329214	8350597
CH322-73C21	CHORI-322	2L	13413344	13431152
CH322-73C22	CHORI-322	2L	1595649	1613237
CH322-73C24	CHORI-322	3L	14955374	14974937
CH322-73D04	CHORI-322	2R	19085161	19106720
CH322-73D14	CHORI-322	X	12086579	12107612
CH322-73D21	CHORI-322	3L	13054679	13072926
CH322-73D22	CHORI-322	2R	3490105	3516877
CH322-73D23	CHORI-322	3L	14151235	14169141
CH322-73D24	CHORI-322	X	6515662	6534687
CH322-73E05	CHORI-322	2R	7435964	7456052
CH322-73E06	CHORI-322	3L	6508707	6531676
CH322-73E12	CHORI-322	2R	20932701	20951932
CH322-73E13	CHORI-322	2R	3765614	3789439
CH322-73E14	CHORI-322	2L	18913205	18934105
CH322-73E16	CHORI-322	3R	3148045	3169641
CH322-73E18	CHORI-322	3R	23573125	23597625
CH322-73E20	CHORI-322	3L	20704360	20723506
CH322-73E21	CHORI-322	X	8648472	8671106
CH322-73E22	CHORI-322	X	6982491	7002188
CH322-73F01	CHORI-322	3R	26817671	26837533
CH322-73F02	CHORI-322	3R	27199250	27218049
CH322-73F05	CHORI-322	X	14163063	14184744
CH322-73F06	CHORI-322	3L	15151832	15173066
CH322-73F07	CHORI-322	3R	2933057	2953638
CH322-73F08	CHORI-322	3L	10793077	10812797
CH322-73F09	CHORI-322	X	619306	639247
CH322-73F10	CHORI-322	2R	2975699	2994107
CH322-73F11	CHORI-322	2L	10536208	10554720
CH322-73F12	CHORI-322	3L	8816745	8837299
CH322-73F13	CHORI-322	3L	18291603	18309987
CH322-73F14	CHORI-322	3L	16294845	16315728
CH322-73F17	CHORI-322	3R	10054236	10074500
CH322-73F18	CHORI-322	2L	13230699	13249988

CH322-73F20	CHORI-322	3R	17821399	17842387
CH322-73G01	CHORI-322	3L	21985506	22006312
CH322-73G02	CHORI-322	2R	15942375	15967262
CH322-73G03	CHORI-322	2L	4286935	4308226
CH322-73G05	CHORI-322	2R	18825632	18846471
CH322-73G07	CHORI-322	2R	12420622	12442091
CH322-73G08	CHORI-322	2L	1669204	1688250
CH322-73G09	CHORI-322	3L	19207792	19227133
CH322-73G11	CHORI-322	2R	4447392	4467458
CH322-73G13	CHORI-322	X	259849	281051
CH322-73G14	CHORI-322	3L	2895685	2913432
CH322-73G16	CHORI-322	X	2125973	2145268
CH322-73G19	CHORI-322	3R	14077217	14100049
CH322-73G20	CHORI-322	2L	3385149	3405082
CH322-73G22	CHORI-322	3R	14555771	14576573
CH322-73G24	CHORI-322	3L	20744336	20766043
CH322-73H01	CHORI-322	3R	1173374	1196588
CH322-73H03	CHORI-322	2L	9044307	9064562
CH322-73H04	CHORI-322	2L	1540595	1561950
CH322-73H06	CHORI-322	2L	12516632	12534366
CH322-73H07	CHORI-322	X	1276391	1297854
CH322-73H09	CHORI-322	3R	25182374	25203667
CH322-73H10	CHORI-322	3R	26817784	26837533
CH322-73H12	CHORI-322	3L	3535117	3554313
CH322-73H14	CHORI-322	2R	17593153	17615075
CH322-73H16	CHORI-322	X	1019843	1039483
CH322-73H18	CHORI-322	3R	8452904	8474812
CH322-73H20	CHORI-322	2L	1052982	1073077
CH322-73H21	CHORI-322	2L	7063043	7082633
CH322-73H23	CHORI-322	3R	24240032	24256888
CH322-73I06	CHORI-322	3L	11174532	11195106
CH322-73I08	CHORI-322	2R	2966236	2988195
CH322-73I09	CHORI-322	3L	6811954	6833539
CH322-73I10	CHORI-322	2R	20147776	20164433
CH322-73I13	CHORI-322	3R	4189777	4213828
CH322-73I14	CHORI-322	3L	6538709	6560769
CH322-73I15	CHORI-322	2R	10211066	10231046
CH322-73I16	CHORI-322	3L	8703467	8724549
CH322-73I17	CHORI-322	3L	16995411	17016497
CH322-73I18	CHORI-322	2R	14287296	14305705
CH322-73I19	CHORI-322	3R	10191384	10210550
CH322-73I21	CHORI-322	X	16650967	16669567
CH322-73I22	CHORI-322	2R	11814171	11833735
CH322-73I24	CHORI-322	3R	15442280	15465020
CH322-73J02	CHORI-322	2L	12516577	12534629
CH322-73J05	CHORI-322	2R	20690335	20713413
CH322-73J06	CHORI-322	2L	12800663	12819895
CH322-73J07	CHORI-322	3L	17550457	17570802
CH322-73J08	CHORI-322	X	1312330	1334137
CH322-73J09	CHORI-322	3LHet	1408474	1427257
CH322-73J13	CHORI-322	2L	301998	322949
CH322-73J15	CHORI-322	2L	12394546	12415187
CH322-73J19	CHORI-322	2R	10846340	10866003
CH322-73J23	CHORI-322	2R	2973884	2995760

CH322-73K03	CHORI-322	2R	20439121	20460388
CH322-73K05	CHORI-322	3L	18761235	18780100
CH322-73K08	CHORI-322	3L	12561917	12581450
CH322-73K10	CHORI-322	3L	2513524	2532992
CH322-73K11	CHORI-322	2R	13180304	13201008
CH322-73K13	CHORI-322	X	818313	838148
CH322-73K20	CHORI-322	3L	4296028	4318381
CH322-73K21	CHORI-322	2L	9252189	9271881
CH322-73K22	CHORI-322	X	11698865	11720332
CH322-73L05	CHORI-322	X	7083630	7103903
CH322-73L08	CHORI-322	X	14907930	14925303
CH322-73L09	CHORI-322	2L	22966605	22984648
CH322-73L14	CHORI-322	3R	3641192	3661775
CH322-73L16	CHORI-322	X	7662827	7680839
CH322-73L22	CHORI-322	3R	1679259	1699536
CH322-73L23	CHORI-322	2R	10965511	10986553
CH322-73L24	CHORI-322	3L	21884925	21906217
CH322-73M03	CHORI-322	X	666093	684462
CH322-73M04	CHORI-322	ArmU	3065722	3085695
CH322-73M05	CHORI-322	2L	11477915	11497641
CH322-73M15	CHORI-322	2L	14700254	14720932
CH322-73M16	CHORI-322	2R	21116962	21137196
CH322-73M17	CHORI-322	3R	6681298	6702661
CH322-73M18	CHORI-322	X	13394595	13412637
CH322-73M21	CHORI-322	3R	2768175	2787215
CH322-73M24	CHORI-322	3R	10484246	10506521
CH322-73N02	CHORI-322	3R	257634	283260
CH322-73N03	CHORI-322	3L	23259751	23279064
CH322-73N10	CHORI-322	2R	16940875	16961877
CH322-73N14	CHORI-322	2L	2952067	2970291
CH322-73N15	CHORI-322	2L	9721004	9742508
CH322-73N17	CHORI-322	2L	17364122	17383546
CH322-73N22	CHORI-322	2L	14946729	14966971
CH322-73N23	CHORI-322	2L	5621740	5643192
CH322-73N24	CHORI-322	2L	18871197	18891825
CH322-73O02	CHORI-322	2L	11408266	11430793
CH322-73O03	CHORI-322	3LHet	1056275	1076859
CH322-73O04	CHORI-322	3L	8935144	8959083
CH322-73O06	CHORI-322	3R	27455257	27473802
CH322-73O09	CHORI-322	2R	19263603	19284208
CH322-73O12	CHORI-322	3L	14077725	14097575
CH322-73O17	CHORI-322	3L	11527462	11546931
CH322-73O22	CHORI-322	2R	3233456	3256080
CH322-73O23	CHORI-322	2L	21089947	21108796
CH322-73P05	CHORI-322	2R	16849122	16870836
CH322-73P21	CHORI-322	2L	8827520	8848241
CH322-73P22	CHORI-322	3L	15345208	15367424
CH322-73P23	CHORI-322	2L	21992717	22009824
CH322-73P24	CHORI-322	3L	18996409	19015484
CH322-74A02	CHORI-322	3L	15413675	15432032
CH322-74A03	CHORI-322	2L	2245199	2266433
CH322-74A05	CHORI-322	2R	5762440	5781271
CH322-74A06	CHORI-322	2L	9669203	9688406
CH322-74A07	CHORI-322	X	4060874	4082595

CH322-74A08	CHORI-322	X	2939731	2961027
CH322-74A09	CHORI-322	X	19881247	19903506
CH322-74A17	CHORI-322	3L	18218740	18238155
CH322-74A19	CHORI-322	3R	6940624	6962106
CH322-74A21	CHORI-322	2L	13510828	13531158
CH322-74B03	CHORI-322	2R	9708986	9726612
CH322-74B06	CHORI-322	3R	1895073	1916452
CH322-74B08	CHORI-322	X	9151672	9172491
CH322-74B22	CHORI-322	2R	15482420	15505868
CH322-74B23	CHORI-322	3L	91170	109943
CH322-74C02	CHORI-322	2L	1696643	1716844
CH322-74C03	CHORI-322	2L	4072266	4091132
CH322-74C04	CHORI-322	3R	14066218	14086314
CH322-74C05	CHORI-322	2L	12268350	12289243
CH322-74C06	CHORI-322	3R	22211666	22231742
CH322-74C19	CHORI-322	3R	9736150	9757042
CH322-74D02	CHORI-322	3R	27549114	27572427
CH322-74D04	CHORI-322	3R	10571881	10590152
CH322-74D05	CHORI-322	2L	5852801	5873617
CH322-74D06	CHORI-322	2R	4254857	4276126
CH322-74D08	CHORI-322	X	22012101	22034916
CH322-74D09	CHORI-322	3L	11372516	11396008
CH322-74D11	CHORI-322	2R	12649339	12672790
CH322-74D14	CHORI-322	3RHet	3791	28131
CH322-74D15	CHORI-322	3L	18643643	18664450
CH322-74D16	CHORI-322	2L	11968620	11988815
CH322-74D21	CHORI-322	X	20953978	20973094
CH322-74D24	CHORI-322	2L	1328453	1348577
CH322-74E01	CHORI-322	3R	18788917	18806240
CH322-74E02	CHORI-322	3R	21961554	21981835
CH322-74E03	CHORI-322	2L	12372498	12389792
CH322-74E05	CHORI-322	4	371585	390916
CH322-74E24	CHORI-322	2L	21880111	21898911
CH322-74F01	CHORI-322	X	17880736	17901383
CH322-74F03	CHORI-322	2R	17113167	17132455
CH322-74F04	CHORI-322	2R	7792687	7815356
CH322-74F06	CHORI-322	4	729327	750503
CH322-74F07	CHORI-322	3L	5066256	5085625
CH322-74F09	CHORI-322	X	20403953	20421179
CH322-74F11	CHORI-322	2L	19555421	19578809
CH322-74F12	CHORI-322	2L	15364026	15383772
CH322-74F13	CHORI-322	2R	3358333	3381419
CH322-74F21	CHORI-322	3R	27190733	27211219
CH322-74F23	CHORI-322	X	19704816	19725303
CH322-74G01	CHORI-322	2L	8955208	8975069
CH322-74G03	CHORI-322	2L	2542759	2564804
CH322-74G07	CHORI-322	2L	14893095	14915776
CH322-74G08	CHORI-322	2R	21047241	21066442
CH322-74G09	CHORI-322	2L	7333439	7353358
CH322-74G12	CHORI-322	3L	3090508	3110840
CH322-74G13	CHORI-322	3L	5363966	5382909
CH322-74H02	CHORI-322	3L	11917161	11938068
CH322-74H03	CHORI-322	3R	9433683	9454291
CH322-74H07	CHORI-322	2R	12526892	12544232

CH322-74H08	CHORI-322	3R	2385270	2407739
CH322-74H11	CHORI-322	X	4115792	4135644
CH322-74H19	CHORI-322	2R	9510737	9531276
CH322-74H20	CHORI-322	3L	17918774	17941114
CH322-74I01	CHORI-322	2R	12344966	12363574
CH322-74I02	CHORI-322	2R	14339862	14360177
CH322-74I04	CHORI-322	X	10814759	10834241
CH322-74I07	CHORI-322	2R	10395593	10415518
CH322-74I12	CHORI-322	3L	5229517	5250757
CH322-74I21	CHORI-322	2L	10027455	10044538
CH322-74I23	CHORI-322	3L	947203	969540
CH322-74I24	CHORI-322	2R	9945065	9966421
CH322-74J03	CHORI-322	3R	3881536	3901913
CH322-74J04	CHORI-322	2L	20380296	20398891
CH322-74J05	CHORI-322	3R	6790644	6813522
CH322-74J06	CHORI-322	3L	8151601	8172642
CH322-74J07	CHORI-322	2R	8271425	8294123
CH322-74J08	CHORI-322	3R	5866440	5887404
CH322-74J11	CHORI-322	3R	16017521	16036876
CH322-74J12	CHORI-322	2L	14427205	14448835
CH322-74J13	CHORI-322	3L	10009315	10026594
CH322-74J14	CHORI-322	2L	21835112	21855739
CH322-74J15	CHORI-322	2R	13283890	13303016
CH322-74J17	CHORI-322	3L	4515895	4534685
CH322-74J18	CHORI-322	2L	123375	142260
CH322-74J19	CHORI-322	3R	61366 79291	
CH322-74J22	CHORI-322	2L	10460999	10481859
CH322-74J23	CHORI-322	3R	9036755	9055422
CH322-74J24	CHORI-322	3L	12966118	12988946
CH322-74K01	CHORI-322	3R	21638692	21655691
CH322-74K02	CHORI-322	2R	6912397	6933195
CH322-74K03	CHORI-322	2R	4949282	4971033
CH322-74K04	CHORI-322	3R	11442554	11463096
CH322-74K07	CHORI-322	2L	17860346	17883483
CH322-74K10	CHORI-322	3R	10650936	10671514
CH322-74K11	CHORI-322	3R	13284065	13304559
CH322-74K13	CHORI-322	X	20587683	20606574
CH322-74K14	CHORI-322	X	10279590	10298215
CH322-74K17	CHORI-322	3R	1436862	1456554
CH322-74K22	CHORI-322	X	10998294	11019754
CH322-74L01	CHORI-322	X	3269560	3288019
CH322-74L02	CHORI-322	2L	17583811	17605548
CH322-74L03	CHORI-322	X	5857595	5876479
CH322-74L04	CHORI-322	2R	2923751	2943531
CH322-74L05	CHORI-322	2L	16871044	16890815
CH322-74L07	CHORI-322	3R	2103623	2127790
CH322-74L11	CHORI-322	3L	9659928	9682452
CH322-74L16	CHORI-322	X	6676284	6697658
CH322-74L19	CHORI-322	2L	11227702	11249246
CH322-74L21	CHORI-322	X	12436968	12458452
CH322-74L22	CHORI-322	2L	15073938	15094359
CH322-74L23	CHORI-322	3R	23261112	23279214
CH322-74M01	CHORI-322	3L	21380007	21400655
CH322-74M02	CHORI-322	X	17177308	17197259

CH322-74M04	CHORI-322	3R	8584847	8602275
CH322-74M07	CHORI-322	2L	14668864	14686420
CH322-74M17	CHORI-322	2L	10109173	10131712
CH322-74M21	CHORI-322	3L	9748045	9766229
CH322-74M22	CHORI-322	3L	1379752	1399516
CH322-74N01	CHORI-322	2L	9014965	9038575
CH322-74N02	CHORI-322	2L	18142806	18164802
CH322-74N03	CHORI-322	2L	20703640	20724623
CH322-74N04	CHORI-322	3L	6285845	6308359
CH322-74N06	CHORI-322	2R	14154144	14174764
CH322-74N09	CHORI-322	3R	5716527	5736634
CH322-74N13	CHORI-322	2L	17697381	17716158
CH322-74N15	CHORI-322	3R	6640579	6661385
CH322-74N16	CHORI-322	3L	4572394	4591700
CH322-74N17	CHORI-322	X	4087125	4106323
CH322-74N18	CHORI-322	2L	575833	597812
CH322-74N20	CHORI-322	3R	1721126	1740348
CH322-74N21	CHORI-322	X	12013215	12032235
CH322-74O01	CHORI-322	3L	14428563	14448394
CH322-74O02	CHORI-322	2L	9178475	9198468
CH322-74O08	CHORI-322	2R	4299697	4319560
CH322-74O11	CHORI-322	X	9403585	9423560
CH322-74O13	CHORI-322	3R	22372747	22392217
CH322-74O15	CHORI-322	2L	4851680	4871193
CH322-74O16	CHORI-322	3L	7425988	7446626
CH322-74O17	CHORI-322	X	14897565	14917341
CH322-74P01	CHORI-322	3R	12006902	12026294
CH322-74P02	CHORI-322	3L	3634233	3652694
CH322-74P03	CHORI-322	X	4697576	4715845
CH322-74P04	CHORI-322	2L	587023	609060
CH322-74P08	CHORI-322	3R	14080329	14102182
CH322-74P11	CHORI-322	3R	1513020	1534339
CH322-74P12	CHORI-322	2R	16558792	16579783
CH322-74P14	CHORI-322	3L	18971881	18993220
CH322-74P15	CHORI-322	3R	12533633	12550265
CH322-74P17	CHORI-322	3R	12486473	12505142
CH322-75A02	CHORI-322	2L	18447869	18468395
CH322-75A03	CHORI-322	2L	14560942	14578492
CH322-75A04	CHORI-322	3R	17037752	17056260
CH322-75A05	CHORI-322	3R	9342778	9365473
CH322-75A10	CHORI-322	3L	19536689	19560642
CH322-75A11	CHORI-322	2R	8923855	8941386
CH322-75A16	CHORI-322	2R	3051259	3069146
CH322-75A20	CHORI-322	3L	8048683	8070653
CH322-75A22	CHORI-322	2L	16468453	16488889
CH322-75A24	CHORI-322	3LHet	1393859	1413622
CH322-75B01	CHORI-322	2R	17781235	17801282
CH322-75B02	CHORI-322	3R	14081790	14100740
CH322-75B03	CHORI-322	3L	1500647	1524231
CH322-75B04	CHORI-322	3R	1514524	1534656
CH322-75B18	CHORI-322	3L	18699680	18719465
CH322-75B22	CHORI-322	3L	9748795	9766229
CH322-75B24	CHORI-322	3L	18948801	18969899
CH322-75C01	CHORI-322	3R	16997037	17019319

CH322-75C02	CHORI-322	2L	10103539	10125445
CH322-75C21	CHORI-322	2L	2738682	2757628
CH322-75C22	CHORI-322	X	5166232	5186151
CH322-75C23	CHORI-322	3L	10399052	10420284
CH322-75C24	CHORI-322	2L	10585517	10603299
CH322-75D20	CHORI-322	3R	2591223	2609941
CH322-75D22	CHORI-322	3R	22249629	22271550
CH322-75D24	CHORI-322	3R	3053466	3072331
CH322-75E01	CHORI-322	3L	15384234	15402943
CH322-75E02	CHORI-322	2R	2443569	2461068
CH322-75E18	CHORI-322	3L	19145420	19162580
CH322-75E21	CHORI-322	3L	13703600	13725164
CH322-75F01	CHORI-322	2R	12435855	12455375
CH322-75F02	CHORI-322	3R	3858755	3879550
CH322-75F24	CHORI-322	X	20961357	20984209
CH322-75G02	CHORI-322	2R	5816928	5837058
CH322-75G11	CHORI-322	3L	17322006	17343151
CH322-75G12	CHORI-322	3R	4584243	4605312
CH322-75G22	CHORI-322	X	20855125	20875850
CH322-75G24	CHORI-322	2L	11904032	11925252
CH322-75I01	CHORI-322	3R	12094856	12114949
CH322-75I23	CHORI-322	2L	9547972	9568108
CH322-75I24	CHORI-322	3L	2988287	3009740
CH322-75J02	CHORI-322	2R	11462504	11482548
CH322-75J23	CHORI-322	2L	18077718	18097828
CH322-75K03	CHORI-322	2R	8570036	8592031
CH322-75K24	CHORI-322	2R	12258943	12279277
CH322-75L01	CHORI-322	X	13586861	13607357
CH322-75L08	CHORI-322	X	14382116	14401807
CH322-75M01	CHORI-322	2L	2711047	2729881
CH322-75M21	CHORI-322	3R	2614522	2635288
CH322-75N01	CHORI-322	2R	20587838	20608636
CH322-75N02	CHORI-322	2R	7800573	7820946
CH322-75N03	CHORI-322	2L	16112301	16131877
CH322-75N04	CHORI-322	3L	4375749	4395518
CH322-75N21	CHORI-322	X	21364015	21387051
CH322-75N23	CHORI-322	3R	18177601	18199477
CH322-75O01	CHORI-322	3L	1919638	1941214
CH322-75O02	CHORI-322	X	3062772	3083681
CH322-75O05	CHORI-322	3L	11252557	11274397
CH322-75O06	CHORI-322	2R	13264340	13284258
CH322-75O16	CHORI-322	3R	10722885	10743471
CH322-75O21	CHORI-322	X	1344027	1361040
CH322-75O24	CHORI-322	2L	14380991	14397957
CH322-75P01	CHORI-322	3L	3057497	3080554
CH322-75P11	CHORI-322	3L	1649490	1671977
CH322-75P13	CHORI-322	2L	10469539	10489577
CH322-75P14	CHORI-322	3L	1780612	1803560
CH322-75P17	CHORI-322	3R	12399048	12417424
CH322-75P18	CHORI-322	2R	1932151	1952450
CH322-75P21	CHORI-322	3L	14416175	14437439
CH322-75P22	CHORI-322	3R	18026615	18046427
CH322-75P23	CHORI-322	2L	12339417	12359974
CH322-76A01	CHORI-322	3L	333009	354258

CH322-76A03	CHORI-322	2R	10258178	10277510
CH322-76A04	CHORI-322	2L	13459914	13479635
CH322-76A07	CHORI-322	2R	10571032	10594195
CH322-76A10	CHORI-322	3R	2133128	2154479
CH322-76A11	CHORI-322	3L	12928702	12949954
CH322-76A14	CHORI-322	2R	13910258	13932635
CH322-76A15	CHORI-322	2L	20512010	20531841
CH322-76A16	CHORI-322	X	7130042	7153657
CH322-76A17	CHORI-322	2L	16218385	16236069
CH322-76A20	CHORI-322	2R	3491845	3514511
CH322-76A22	CHORI-322	X	12283907	12305033
CH322-76A24	CHORI-322	3L	9507437	9527037
CH322-76B03	CHORI-322	2L	18335593	18354279
CH322-76B04	CHORI-322	2L	9306775	9327931
CH322-76B05	CHORI-322	X	7062153	7084454
CH322-76B07	CHORI-322	2L	14894366	14915776
CH322-76B08	CHORI-322	2L	6504198	6525885
CH322-76B10	CHORI-322	3R	22594777	22618631
CH322-76B11	CHORI-322	X	1901106	1925089
CH322-76B12	CHORI-322	3R	15006351	15026509
CH322-76B13	CHORI-322	2L	1647186	1669207
CH322-76B14	CHORI-322	2L	10564598	10585520
CH322-76B15	CHORI-322	3R	15361695	15381735
CH322-76B16	CHORI-322	2L	16498971	16522974
CH322-76B17	CHORI-322	3R	9669386	9689312
CH322-76B18	CHORI-322	2L	19323395	19343094
CH322-76B19	CHORI-322	2R	16422271	16443181
CH322-76B20	CHORI-322	2L	17601987	17625063
CH322-76B21	CHORI-322	4	72568	93692
CH322-76B24	CHORI-322	3R	19434113	19454271
CH322-76C03	CHORI-322	3R	27477640	27500030
CH322-76C05	CHORI-322	3R	12276849	12300678
CH322-76C08	CHORI-322	X	15504515	15527518
CH322-76C12	CHORI-322	3R	24904491	24926226
CH322-76C13	CHORI-322	3L	14544602	14561073
CH322-76C14	CHORI-322	3R	26483536	26504356
CH322-76C15	CHORI-322	3L	3521401	3541346
CH322-76C16	CHORI-322	3R	23508564	23531744
CH322-76C17	CHORI-322	2R	12790565	12808284
CH322-76C18	CHORI-322	3L	17659150	17678345
CH322-76C19	CHORI-322	2L	19300415	19322335
CH322-76C20	CHORI-322	2R	13901233	13920687
CH322-76C22	CHORI-322	3R	14881226	14902192
CH322-76C23	CHORI-322	X	4400922	4422936
CH322-76C24	CHORI-322	ArmU	381445	400691
CH322-76D01	CHORI-322	2L	7022228	7042330
CH322-76D02	CHORI-322	2R	12425070	12444035
CH322-76D03	CHORI-322	2L	8052577	8073611
CH322-76D05	CHORI-322	2L	9100376	9119708
CH322-76D06	CHORI-322	2L	11669806	11693431
CH322-76D07	CHORI-322	2L	18766396	18786930
CH322-76D09	CHORI-322	2R	2732551	2752416
CH322-76D10	CHORI-322	2L	16388866	16406936
CH322-76D11	CHORI-322	X	16134280	16155500

CH322-76D13	CHORI-322	3L	16002969	16024642
CH322-76D14	CHORI-322	2L	4428073	4448259
CH322-76D15	CHORI-322	X	17096083	17117284
CH322-76D16	CHORI-322	3R	7266215	7287497
CH322-76D17	CHORI-322	2L	2491303	2508807
CH322-76D18	CHORI-322	3R	18471262	18492631
CH322-76D19	CHORI-322	3L	5248086	5265723
CH322-76D22	CHORI-322	3R	21312104	21332668
CH322-76D23	CHORI-322	3L	13920659	13938370
CH322-76D24	CHORI-322	3L	10687106	10707983
CH322-76E01	CHORI-322	2R	16394620	16415281
CH322-76E02	CHORI-322	X	17031226	17052298
CH322-76E03	CHORI-322	X	19439352	19459205
CH322-76E05	CHORI-322	X	2526677	2545153
CH322-76E06	CHORI-322	2L	2245199	2266433
CH322-76E07	CHORI-322	3R	16531523	16552620
CH322-76E10	CHORI-322	2R	8003299	8024420
CH322-76E11	CHORI-322	2R	2921746	2942512
CH322-76E14	CHORI-322	2L	4031401	4051557
CH322-76E16	CHORI-322	3R	964271	984279
CH322-76E17	CHORI-322	3L	4074609	4095661
CH322-76E21	CHORI-322	2R	15213389	15232394
CH322-76E23	CHORI-322	3L	4371417	4393455
CH322-76E24	CHORI-322	3L	8929681	8949177
CH322-76F01	CHORI-322	2L	20101698	20119654
CH322-76F02	CHORI-322	2R	13240506	13260622
CH322-76F03	CHORI-322	3R	9323009	9342415
CH322-76F05	CHORI-322	2R	12380224	12397621
CH322-76F06	CHORI-322	3R	19386063	19404294
CH322-76F07	CHORI-322	2R	15423139	15444680
CH322-76F09	CHORI-322	3L	2680818	2700662
CH322-76F10	CHORI-322	X	13654446	13674489
CH322-76F11	CHORI-322	X	4389170	4409375
CH322-76F22	CHORI-322	3L	11466915	11486170
CH322-76F23	CHORI-322	2R	14595684	14616226
CH322-76G01	CHORI-322	3R	7984236	8002242
CH322-76G02	CHORI-322	2L	11559721	11579641
CH322-76G04	CHORI-322	2L	6651058	6673633
CH322-76G05	CHORI-322	3R	18972803	18992590
CH322-76G07	CHORI-322	3L	4945334	4964767
CH322-76G09	CHORI-322	2L	17946852	17967200
CH322-76G10	CHORI-322	2R	18842690	18864235
CH322-76G11	CHORI-322	2L	1585488	1603292
CH322-76G12	CHORI-322	X	8292953	8315075
CH322-76G13	CHORI-322	2R	17453130	17472314
CH322-76G19	CHORI-322	2L	18191463	18211786
CH322-76G20	CHORI-322	3R	12182432	12200801
CH322-76G23	CHORI-322	3R	13458222	13486804
CH322-76H01	CHORI-322	2L	10035950	10055324
CH322-76H02	CHORI-322	X	12731778	12749172
CH322-76H04	CHORI-322	3R	26951663	26970570
CH322-76H06	CHORI-322	2R	11976746	11996308
CH322-76H07	CHORI-322	2L	4852374	4871546
CH322-76H08	CHORI-322	3L	17964114	17985525

CH322-76H09	CHORI-322	X	13872514	13892055
CH322-76H10	CHORI-322	3L	13629842	13648833
CH322-76H11	CHORI-322	3R	12668085	12688309
CH322-76H12	CHORI-322	2L	2409348	2432378
CH322-76H14	CHORI-322	2L	13915816	13933627
CH322-76H15	CHORI-322	3L	11398451	11419226
CH322-76H17	CHORI-322	2L	10745505	10767063
CH322-76H18	CHORI-322	X	1690071	1712814
CH322-76H20	CHORI-322	2L	8088924	8110319
CH322-76H21	CHORI-322	X	3765191	3786098
CH322-76H23	CHORI-322	2R	12581196	12601826
CH322-76H24	CHORI-322	2R	14962526	14983907
CH322-76I03	CHORI-322	X	19590836	19609530
CH322-76I04	CHORI-322	3R	18719284	18738859
CH322-76I06	CHORI-322	2L	10546618	10567728
CH322-76I07	CHORI-322	X	15417329	15439645
CH322-76I09	CHORI-322	3L	16193476	16215106
CH322-76I11	CHORI-322	3R	759646	780259
CH322-76I12	CHORI-322	2R	16452932	16474514
CH322-76I13	CHORI-322	X	14848291	14869522
CH322-76I14	CHORI-322	2L	4880197	4900827
CH322-76I15	CHORI-322	3R	6495268	6517010
CH322-76I16	CHORI-322	X	6123692	6145051
CH322-76I17	CHORI-322	2R	7314852	7333887
CH322-76I18	CHORI-322	2R	5234674	5256969
CH322-76I21	CHORI-322	2L	4072266	4091780
CH322-76J02	CHORI-322	3R	9584262	9604741
CH322-76J03	CHORI-322	3L	11104405	11123832
CH322-76J04	CHORI-322	3R	22019727	22041671
CH322-76J05	CHORI-322	3R	22108106	22129651
CH322-76J07	CHORI-322	2R	2790502	2810667
CH322-76J09	CHORI-322	3L	5777543	5798819
CH322-76J10	CHORI-322	3R	14327782	14346479
CH322-76J11	CHORI-322	2L	13171528	13194858
CH322-76J14	CHORI-322	3R	10191384	10210724
CH322-76J15	CHORI-322	2L	16274375	16294227
CH322-76J16	CHORI-322	3L	6905944	6927104
CH322-76J17	CHORI-322	2R	9257119	9279351
CH322-76J18	CHORI-322	3R	21310329	21329662
CH322-76J23	CHORI-322	3R	22594772	22614105
CH322-76K01	CHORI-322	3L	7461178	7480490
CH322-76K02	CHORI-322	2L	19299731	19319919
CH322-76K04	CHORI-322	3L	174598	196753
CH322-76K06	CHORI-322	2R	2527625	2548791
CH322-76K07	CHORI-322	2L	5594494	5615607
CH322-76K08	CHORI-322	2L	18679320	18697309
CH322-76K09	CHORI-322	2R	4083456	4104216
CH322-76K15	CHORI-322	2R	16074172	16097271
CH322-76K16	CHORI-322	3L	17519920	17541825
CH322-76K19	CHORI-322	X	10275268	10291135
CH322-76K21	CHORI-322	2L	3985954	4002674
CH322-76K22	CHORI-322	3L	20048069	20068476
CH322-76K24	CHORI-322	3L	7305672	7325634
CH322-76L01	CHORI-322	3R	26449018	26469808

CH322-76L03	CHORI-322	2R	14011771	14031924
CH322-76L05	CHORI-322	3R	20007865	20030381
CH322-76L08	CHORI-322	3R	24092873	24111482
CH322-76L09	CHORI-322	3R	6640579	6661385
CH322-76L13	CHORI-322	3L	13526059	13547503
CH322-76L16	CHORI-322	3L	12182677	12203498
CH322-76L22	CHORI-322	2R	20964100	20982897
CH322-76M01	CHORI-322	3L	10711007	10734599
CH322-76M02	CHORI-322	2RHet	2794830	2815182
CH322-76M03	CHORI-322	2L	19011162	19029807
CH322-76M04	CHORI-322	2R	1412000	1429599
CH322-76M05	CHORI-322	X	3035171	3055924
CH322-76M06	CHORI-322	3R	24921781	24940818
CH322-76M08	CHORI-322	3R	25883412	25906272
CH322-76M13	CHORI-322	X	7367584	7387076
CH322-76M14	CHORI-322	3L	15598437	15618532
CH322-76M15	CHORI-322	3LHet	1133670	1152220
CH322-76M16	CHORI-322	2L	18720625	18740356
CH322-76M18	CHORI-322	3L	17478192	17500934
CH322-76M20	CHORI-322	2L	18452882	18473482
CH322-76M21	CHORI-322	3R	18163512	18182645
CH322-76M22	CHORI-322	3L	13696646	13716030
CH322-76N01	CHORI-322	3R	14279296	14300585
CH322-76N02	CHORI-322	2R	13390107	13408531
CH322-76N03	CHORI-322	X	22247662	22266283
CH322-76N04	CHORI-322	2L	15482804	15501093
CH322-76N05	CHORI-322	X	3601493	3618716
CH322-76N06	CHORI-322	2L	2197105	2217532
CH322-76N10	CHORI-322	2R	3990586	4012435
CH322-76N11	CHORI-322	2RHet	1880040	1901760
CH322-76N12	CHORI-322	2L	6375803	6396430
CH322-76N13	CHORI-322	3L	3626091	3648011
CH322-76N15	CHORI-322	3L	8907051	8926441
CH322-76N17	CHORI-322	2L	13901082	13924301
CH322-76N18	CHORI-322	2R	7133573	7153493
CH322-76N19	CHORI-322	3L	16750565	16767718
CH322-76N22	CHORI-322	3R	12195984	12218577
CH322-76O02	CHORI-322	2L	6496815	6517205
CH322-76O03	CHORI-322	2R	1565958	1583198
CH322-76O04	CHORI-322	3L	11685368	11705686
CH322-76O05	CHORI-322	2L	13468133	13486378
CH322-76O06	CHORI-322	3R	1622491	1644120
CH322-76O07	CHORI-322	3R	12132010	12149932
CH322-76O08	CHORI-322	2R	6324127	6343653
CH322-76O10	CHORI-322	2R	2811476	2830553
CH322-76O11	CHORI-322	2R	16999778	17022309
CH322-76O12	CHORI-322	2R	16983616	17007559
CH322-76O13	CHORI-322	2L	20517075	20535088
CH322-76O14	CHORI-322	2R	2585036	2605647
CH322-76O16	CHORI-322	3R	22107194	22129651
CH322-76O19	CHORI-322	X	4368402	4388666
CH322-76O21	CHORI-322	3R	2474820	2493521
CH322-76O22	CHORI-322	3L	7202984	7224853
CH322-76O24	CHORI-322	3R	17860052	17882902

CH322-76P01	CHORI-322	2R	12698745	12717542
CH322-76P03	CHORI-322	X	7815122	7837660
CH322-76P04	CHORI-322	2R	28116	49017
CH322-76P07	CHORI-322	X	5006238	5026210
CH322-76P08	CHORI-322	2L	17864941	17883769
CH322-76P09	CHORI-322	2R	9346672	9368255
CH322-76P10	CHORI-322	X	8543101	8563697
CH322-76P12	CHORI-322	2R	5387074	5408539
CH322-76P13	CHORI-322	3L	18756076	18775926
CH322-76P14	CHORI-322	3L	5474532	5496002
CH322-76P18	CHORI-322	2L	2942295	2964983
CH322-76P19	CHORI-322	3L	2661141	2678629
CH322-76P22	CHORI-322	X	7245118	7267741
CH322-76P24	CHORI-322	2L	22693415	22713897
CH322-77A04	CHORI-322	2L	11378359	11397293
CH322-77A05	CHORI-322	X	4195848	4214828
CH322-77A07	CHORI-322	3R	4191970	4212733
CH322-77A08	CHORI-322	3R	9795616	9815419
CH322-77A09	CHORI-322	2R	8615962	8635238
CH322-77A10	CHORI-322	3R	19399666	19420355
CH322-77A13	CHORI-322	2L	10434098	10453960
CH322-77A14	CHORI-322	3R	21339846	21358440
CH322-77A16	CHORI-322	2L	4849148	4871193
CH322-77A17	CHORI-322	2R	5892849	5914106
CH322-77A18	CHORI-322	3R	1013147	1033494
CH322-77A19	CHORI-322	3L	8295904	8315412
CH322-77A20	CHORI-322	3L	19416745	19436874
CH322-77A22	CHORI-322	2L	18641628	18664069
CH322-77B02	CHORI-322	X	8114279	8132612
CH322-77B05	CHORI-322	3R	20086095	20106667
CH322-77B06	CHORI-322	3L	17383795	17406677
CH322-77B07	CHORI-322	X	12416508	12436971
CH322-77B09	CHORI-322	3R	13554548	13577290
CH322-77B10	CHORI-322	3R	7572960	7592677
CH322-77B11	CHORI-322	3R	16668711	16688300
CH322-77B13	CHORI-322	3L	7438600	7462491
CH322-77B14	CHORI-322	3L	16621649	16640893
CH322-77B15	CHORI-322	2L	2792632	2809824
CH322-77B16	CHORI-322	X	8896126	8916993
CH322-77B17	CHORI-322	3R	25893380	25914205
CH322-77B18	CHORI-322	3R	2215324	2235962
CH322-77B22	CHORI-322	3L	3464070	3485628
CH322-77B23	CHORI-322	2R	6849196	6871750
CH322-77B24	CHORI-322	3R	7154270	7172074
CH322-77C01	CHORI-322	3R	7678463	7700149
CH322-77C04	CHORI-322	3L	13145276	13166689
CH322-77C05	CHORI-322	2R	19657331	19678757
CH322-77C06	CHORI-322	X	13214129	13233509
CH322-77C08	CHORI-322	3R	17035340	17056867
CH322-77C09	CHORI-322	3R	6907079	6927363
CH322-77C10	CHORI-322	3R	4136252	4156896
CH322-77C11	CHORI-322	3L	9039650	9058377
CH322-77C12	CHORI-322	2L	22844528	22863750
CH322-77C16	CHORI-322	2L	244815	264923

CH322-77C17	CHORI-322	3R	25971858	25990842
CH322-77C18	CHORI-322	X	20855790	20873564
CH322-77C21	CHORI-322	X	2633722	2653774
CH322-77C22	CHORI-322	X	12008800	12029797
CH322-77C23	CHORI-322	2R	3244560	3267719
CH322-77C24	CHORI-322	2L	1532753	1551155
CH322-77D02	CHORI-322	2R	3541040	3561791
CH322-77D03	CHORI-322	3R	8903671	8923522
CH322-77D06	CHORI-322	2R	14819939	14841459
CH322-77D09	CHORI-322	2L	10472181	10492684
CH322-77D10	CHORI-322	X	8691480	8714315
CH322-77D11	CHORI-322	3R	25143023	25162573
CH322-77D13	CHORI-322	X	16649964	16669183
CH322-77D14	CHORI-322	3R	20911826	20931957
CH322-77D15	CHORI-322	3L	15107347	15126561
CH322-77D16	CHORI-322	3R	4808951	4830592
CH322-77D17	CHORI-322	2R	12847517	12866635
CH322-77D21	CHORI-322	2R	18631575	18653031
CH322-77D22	CHORI-322	2R	13112238	13131139
CH322-77D23	CHORI-322	2R	10273779	10294324
CH322-77E03	CHORI-322	3R	26268630	26289560
CH322-77E04	CHORI-322	X	21027013	21046537
CH322-77E05	CHORI-322	X	11746182	11767100
CH322-77E06	CHORI-322	2L	8066964	8087669
CH322-77E07	CHORI-322	3L	10515743	10535868
CH322-77E10	CHORI-322	3R	11704894	11723448
CH322-77E12	CHORI-322	3R	9188469	9210404
CH322-77E13	CHORI-322	3L	19634479	19655621
CH322-77E14	CHORI-322	X	4631029	4651135
CH322-77E15	CHORI-322	2L	19961965	19983718
CH322-77E16	CHORI-322	3L	214577	233745
CH322-77E17	CHORI-322	3L	944204	963396
CH322-77E18	CHORI-322	3R	7998835	8019194
CH322-77E19	CHORI-322	2R	7650946	7669358
CH322-77E21	CHORI-322	3R	7552010	7572963
CH322-77E22	CHORI-322	3R	17976906	17995378
CH322-77E23	CHORI-322	2R	4881745	4903272
CH322-77E24	CHORI-322	2R	907282	927050
CH322-77F01	CHORI-322	X	500997	521197
CH322-77F02	CHORI-322	2L	13448128	13468136
CH322-77F03	CHORI-322	3R	4394533	4415837
CH322-77F04	CHORI-322	3R	9036755	9055422
CH322-77F06	CHORI-322	3L	20704105	20722626
CH322-77F07	CHORI-322	2R	15534342	15551895
CH322-77F08	CHORI-322	3L	6609684	6629606
CH322-77F10	CHORI-322	3L	6609691	6630137
CH322-77F11	CHORI-322	3R	2590224	2609555
CH322-77F14	CHORI-322	2R	17305684	17324150
CH322-77F17	CHORI-322	2R	15735538	15759312
CH322-77F18	CHORI-322	X	13703470	13725896
CH322-77F22	CHORI-322	X	20888312	20908098
CH322-77F24	CHORI-322	2L	17157274	17177754
CH322-77G02	CHORI-322	2R	20558746	20577621
CH322-77G03	CHORI-322	3R	25334334	25354316

CH322-77G04	CHORI-322	X	17603096	17621758
CH322-77G06	CHORI-322	3R	3589982	3607818
CH322-77G07	CHORI-322	3L	2370283	2389372
CH322-77G08	CHORI-322	3R	18645505	18662739
CH322-77G09	CHORI-322	X	4082921	4102753
CH322-77G10	CHORI-322	2L	20462590	20484297
CH322-77G11	CHORI-322	2L	15357726	15377935
CH322-77G12	CHORI-322	2R	5436182	5454561
CH322-77G14	CHORI-322	2R	10321563	10341555
CH322-77G15	CHORI-322	X	3003649	3023917
CH322-77G16	CHORI-322	3L	17652786	17671661
CH322-77G17	CHORI-322	2R	17419848	17438769
CH322-77G18	CHORI-322	3L	7087429	7107798
CH322-77G19	CHORI-322	3R	7178651	7196878
CH322-77G20	CHORI-322	2L	5632079	5651631
CH322-77G21	CHORI-322	2L	13065955	13086693
CH322-77G22	CHORI-322	2L	9118296	9139093
CH322-77G23	CHORI-322	X	21207841	21228813
CH322-77G24	CHORI-322	3L	10846876	10866239
CH322-77H03	CHORI-322	2L	18359172	18378697
CH322-77H05	CHORI-322	3L	2714357	2735019
CH322-77H06	CHORI-322	3R	18314431	18335791
CH322-77H08	CHORI-322	3R	13081730	13099585
CH322-77H14	CHORI-322	3L	7509404	7530681
CH322-77H15	CHORI-322	3L	14359321	14379275
CH322-77H16	CHORI-322	2L	5584224	5603306
CH322-77H17	CHORI-322	3R	17261377	17281759
CH322-77H19	CHORI-322	2R	15767197	15787313
CH322-77H20	CHORI-322	2L	9099645	9119708
CH322-77H21	CHORI-322	3L	20586770	20605438
CH322-77H22	CHORI-322	3R	21832874	21853733
CH322-77H23	CHORI-322	2L	11212182	11233292
CH322-77H24	CHORI-322	3R	23184313	23207287
CH322-77I02	CHORI-322	3R	27677484	27696320
CH322-77I03	CHORI-322	3L	8831845	8853208
CH322-77I07	CHORI-322	3R	7215047	7234741
CH322-77I09	CHORI-322	2R	1132657	1152891
CH322-77I10	CHORI-322	X	619306	637663
CH322-77I12	CHORI-322	3R	6862021	6884085
CH322-77I13	CHORI-322	2R	4257191	4274682
CH322-77I14	CHORI-322	2R	6556528	6577639
CH322-77I16	CHORI-322	2R	16169115	16188994
CH322-77I17	CHORI-322	2L	16777125	16797005
CH322-77I18	CHORI-322	X	16700817	16718207
CH322-77I20	CHORI-322	X	17356768	17378229
CH322-77J02	CHORI-322	X	4762725	4785789
CH322-77J06	CHORI-322	X	3896746	3919452
CH322-77J08	CHORI-322	3R	16268394	16287345
CH322-77J09	CHORI-322	3L	10117982	10137477
CH322-77J12	CHORI-322	3R	12489514	12509099
CH322-77J13	CHORI-322	X	6799960	6821127
CH322-77J14	CHORI-322	X	5096514	5116864
CH322-77J15	CHORI-322	X	22291761	22309290
CH322-77J16	CHORI-322	2R	18853323	18875864

CH322-77J17	CHORI-322	X	20392703	20412905
CH322-77J19	CHORI-322	3R	8485039	8505406
CH322-77J20	CHORI-322	3R	10650935	10671322
CH322-77J22	CHORI-322	2R	11068200	11088304
CH322-77J23	CHORI-322	X	1439505	1458581
CH322-77J24	CHORI-322	X	19946008	19969305
CH322-77K01	CHORI-322	2R	13504636	13523422
CH322-77K02	CHORI-322	3L	798749	818723
CH322-77K04	CHORI-322	3L	11417033	11434830
CH322-77K07	CHORI-322	3R	14783978	14805136
CH322-77K09	CHORI-322	3R	11960803	11981187
CH322-77K10	CHORI-322	3L	3778269	3800643
CH322-77K12	CHORI-322	2L	19596681	19616347
CH322-77K13	CHORI-322	2L	7481509	7501802
CH322-77K15	CHORI-322	2L	11105236	11125645
CH322-77K16	CHORI-322	X	1251093	1270950
CH322-77K20	CHORI-322	X	16937575	16954869
CH322-77K21	CHORI-322	3L	22389728	22409937
CH322-77K22	CHORI-322	X	10026988	10048499
CH322-77K23	CHORI-322	2L	1356539	1376767
CH322-77K24	CHORI-322	2L	13058531	13077747
CH322-77L01	CHORI-322	X	11183641	11204014
CH322-77L02	CHORI-322	3L	17557357	17576367
CH322-77L03	CHORI-322	2L	8154119	8172160
CH322-77L04	CHORI-322	2L	17405517	17425491
CH322-77L06	CHORI-322	3R	16874906	16895675
CH322-77L07	CHORI-322	3R	24296602	24317430
CH322-77L09	CHORI-322	X	4223629	4243470
CH322-77L10	CHORI-322	X	18118550	18140173
CH322-77L11	CHORI-322	2L	15243460	15262593
CH322-77L12	CHORI-322	2R	14364641	14385064
CH322-77L13	CHORI-322	2L	19358997	19380481
CH322-77L15	CHORI-322	3R	22519432	22542964
CH322-77L16	CHORI-322	2R	17115203	17137076
CH322-77L17	CHORI-322	2R	15521983	15541314
CH322-77L18	CHORI-322	3R	842832	862478
CH322-77L21	CHORI-322	3R	170555	190893
CH322-77L23	CHORI-322	3R	7108617	7128629
CH322-77M01	CHORI-322	X	12804413	12821924
CH322-77M04	CHORI-322	2R	19478449	19496604
CH322-77M05	CHORI-322	3L	13753845	13775032
CH322-77M06	CHORI-322	3L	4603427	4622023
CH322-77M08	CHORI-322	3L	21518319	21536327
CH322-77M09	CHORI-322	3L	127234	147334
CH322-77M11	CHORI-322	3R	2430768	2453166
CH322-77M12	CHORI-322	3L	1001825	1019767
CH322-77M15	CHORI-322	X	4699614	4718087
CH322-77M16	CHORI-322	2R	6124626	6148778
CH322-77M17	CHORI-322	4	1259220	1277437
CH322-77M18	CHORI-322	3R	14674690	14693040
CH322-77M20	CHORI-322	2L	10821344	10840855
CH322-77M21	CHORI-322	3R	9931173	9954349
CH322-77M22	CHORI-322	X	20572017	20590837
CH322-77M24	CHORI-322	3L	696120	715062

CH322-77N02	CHORI-322	3L	8904852	8924311
CH322-77N03	CHORI-322	2R	3622892	3640418
CH322-77N07	CHORI-322	2R	7203194	7224517
CH322-77N08	CHORI-322	3R	22154438	22175812
CH322-77N09	CHORI-322	2R	19450815	19469663
CH322-77N10	CHORI-322	3L	22417668	22437223
CH322-77N11	CHORI-322	2R	11073379	11092250
CH322-77N12	CHORI-322	3R	6838959	6862541
CH322-77N13	CHORI-322	3L	20696290	20717729
CH322-77N14	CHORI-322	2R	11340142	11361468
CH322-77N16	CHORI-322	2L	9118296	9141014
CH322-77N18	CHORI-322	X	19217048	19237201
CH322-77N20	CHORI-322	2L	3894318	3912998
CH322-77N22	CHORI-322	2L	1501318	1521276
CH322-77N23	CHORI-322	3L	14668027	14688730
CH322-77O02	CHORI-322	2L	19891047	19912203
CH322-77O03	CHORI-322	2R	20640311	20662247
CH322-77O04	CHORI-322	3L	21888165	21911505
CH322-77O05	CHORI-322	3R	16479723	16503253
CH322-77O06	CHORI-322	3L	127234	147250
CH322-77O08	CHORI-322	2R	20313372	20333747
CH322-77O09	CHORI-322	X	1693191	1715473
CH322-77O11	CHORI-322	2RHet	535216	556665
CH322-77O13	CHORI-322	2R	20108619	20127374
CH322-77O14	CHORI-322	2R	11935204	11954918
CH322-77O15	CHORI-322	3R	6798039	6820622
CH322-77O16	CHORI-322	2L	19602852	19622808
CH322-77O18	CHORI-322	2R	15729043	15749182
CH322-77O19	CHORI-322	2L	2161113	2180652
CH322-77O20	CHORI-322	3L	2282066	2298910
CH322-77O24	CHORI-322	3L	7589671	7610908
CH322-77P02	CHORI-322	3R	11701192	11719553
CH322-77P03	CHORI-322	2R	17787769	17805062
CH322-77P04	CHORI-322	2L	616607	639435
CH322-77P06	CHORI-322	2R	17032005	17053157
CH322-77P07	CHORI-322	3R	9595708	9616272
CH322-77P08	CHORI-322	X	18885585	18904555
CH322-77P09	CHORI-322	2L	7478887	7498796
CH322-77P10	CHORI-322	2L	20027608	20049094
CH322-77P11	CHORI-322	3L	9454121	9474914
CH322-77P12	CHORI-322	2R	5851706	5872222
CH322-77P13	CHORI-322	2R	15744636	15765863
CH322-77P17	CHORI-322	2L	9869690	9889987
CH322-77P19	CHORI-322	X	3806085	3825158
CH322-77P21	CHORI-322	3R	24832261	24853928
CH322-77P23	CHORI-322	X	9381056	9402277
CH322-77P24	CHORI-322	2L	275484	297061
CH322-78A10	CHORI-322	2L	5660882	5683460
CH322-78A13	CHORI-322	2R	12799856	12821113
CH322-78A14	CHORI-322	X	14457306	14476298
CH322-78A15	CHORI-322	2L	12123709	12143627
CH322-78A16	CHORI-322	2R	15027593	15048938
CH322-78A17	CHORI-322	X	11683477	11704576
CH322-78A19	CHORI-322	3L	19551366	19574125

CH322-78A20	CHORI-322	2R	16004150	16023889
CH322-78A21	CHORI-322	X	4815452	4836030
CH322-78A23	CHORI-322	3L	4080853	4100744
CH322-78B03	CHORI-322	2R	13559207	13577562
CH322-78B05	CHORI-322	2R	5984178	6004034
CH322-78B06	CHORI-322	2R	3400968	3421835
CH322-78B08	CHORI-322	2R	15734832	15754557
CH322-78B09	CHORI-322	2L	20514769	20534079
CH322-78B10	CHORI-322	3R	22621786	22641611
CH322-78B11	CHORI-322	3R	13447732	13467370
CH322-78B12	CHORI-322	3R	2230418	2252168
CH322-78B13	CHORI-322	3R	5044353	5065304
CH322-78B14	CHORI-322	3L	9477749	9499097
CH322-78B15	CHORI-322	3L	4003925	4024795
CH322-78B16	CHORI-322	3R	262897	284980
CH322-78B19	CHORI-322	3L	8761908	8782694
CH322-78B20	CHORI-322	X	15675836	15695518
CH322-78B23	CHORI-322	3L	18370084	18389978
CH322-78B24	CHORI-322	3L	13227866	13248486
CH322-78C03	CHORI-322	2L	21855917	21874443
CH322-78C04	CHORI-322	2L	2495385	2518712
CH322-78C06	CHORI-322	X	13408712	13427620
CH322-78C08	CHORI-322	3R	8379175	8400034
CH322-78C09	CHORI-322	XHet	26602 47327	
CH322-78C11	CHORI-322	3L	9642026	9662248
CH322-78C12	CHORI-322	2L	15522548	15545260
CH322-78C13	CHORI-322	3R	10162307	10180948
CH322-78C15	CHORI-322	2R	6671791	6689234
CH322-78C16	CHORI-322	X	1872253	1896741
CH322-78C19	CHORI-322	3L	11171380	11193141
CH322-78C20	CHORI-322	X	3412138	3432470
CH322-78C21	CHORI-322	X	14280386	14300643
CH322-78C22	CHORI-322	3L	2540064	2561300
CH322-78C24	CHORI-322	2R	8399376	8418450
CH322-78D05	CHORI-322	3L	22731845	22753194
CH322-78D08	CHORI-322	2R	3188817	3210098
CH322-78D09	CHORI-322	3R	22961158	22980447
CH322-78D12	CHORI-322	3R	23650393	23670850
CH322-78D13	CHORI-322	3R	13574550	13593349
CH322-78D14	CHORI-322	2R	9403116	9423701
CH322-78D15	CHORI-322	2L	17564438	17581529
CH322-78D16	CHORI-322	3R	9658471	9679888
CH322-78D17	CHORI-322	2R	17457002	17477960
CH322-78D18	CHORI-322	3R	25261712	25282163
CH322-78D19	CHORI-322	2L	13876143	13897162
CH322-78D21	CHORI-322	2L	6253292	6273530
CH322-78D22	CHORI-322	3L	9192887	9210250
CH322-78D24	CHORI-322	3R	1657433	1679262
CH322-78E04	CHORI-322	3L	13695943	13719910
CH322-78E07	CHORI-322	3R	11478091	11497527
CH322-78E08	CHORI-322	2R	18325508	18344797
CH322-78E10	CHORI-322	X	12561280	12582753
CH322-78E12	CHORI-322	3R	27590353	27608478
CH322-78E14	CHORI-322	2R	7945562	7965004

CH322-78E15	CHORI-322	3R	1589785	1613164
CH322-78E16	CHORI-322	2L	15856136	15874835
CH322-78E17	CHORI-322	3R	12614651	12631822
CH322-78E18	CHORI-322	X	1558211	1578496
CH322-78E19	CHORI-322	X	8238609	8256080
CH322-78E21	CHORI-322	3L	4294517	4313884
CH322-78E22	CHORI-322	X	12423791	12443234
CH322-78E23	CHORI-322	3L	17691886	17713605
CH322-78E24	CHORI-322	2L	7286346	7306957
CH322-78F02	CHORI-322	2R	5839072	5860012
CH322-78F03	CHORI-322	3R	26797032	26817787
CH322-78F05	CHORI-322	3L	2379576	2400345
CH322-78F06	CHORI-322	3L	7931112	7951362
CH322-78F12	CHORI-322	3R	10095441	10113777
CH322-78F13	CHORI-322	3L	18926073	18943117
CH322-78F14	CHORI-322	2L	17012388	17031499
CH322-78F15	CHORI-322	3L	10430782	10450587
CH322-78F16	CHORI-322	X	17379919	17399053
CH322-78F17	CHORI-322	3R	2775068	2794310
CH322-78F23	CHORI-322	3L	18426006	18445293
CH322-78G03	CHORI-322	2L	16644425	16668535
CH322-78G04	CHORI-322	3L	17522370	17543230
CH322-78G06	CHORI-322	3L	2626595	2649622
CH322-78G07	CHORI-322	3RHet	595134	615250
CH322-78G08	CHORI-322	X	6471105	6491439
CH322-78G09	CHORI-322	2L	11020592	11041679
CH322-78G10	CHORI-322	3L	14481246	14501131
CH322-78G12	CHORI-322	2L	12109758	12129486
CH322-78G13	CHORI-322	3R	12095818	12115009
CH322-78G14	CHORI-322	3L	11344521	11363988
CH322-78G15	CHORI-322	X	12601004	12618890
CH322-78G16	CHORI-322	3R	372772	392380
CH322-78G18	CHORI-322	3R	17352642	17374660
CH322-78G19	CHORI-322	2L	2826568	2846680
CH322-78G20	CHORI-322	X	18929211	18948080
CH322-78G22	CHORI-322	X	4196416	4214828
CH322-78G24	CHORI-322	3L	10476665	10494641
CH322-78H03	CHORI-322	3L	18426006	18445225
CH322-78H06	CHORI-322	3L	10793077	10810600
CH322-78H07	CHORI-322	3R	666018	684549
CH322-78H08	CHORI-322	2L	5679907	5702233
CH322-78H09	CHORI-322	X	4809856	4831837
CH322-78H10	CHORI-322	3R	10504046	10525056
CH322-78H11	CHORI-322	X	19277279	19297363
CH322-78H12	CHORI-322	X	11893939	11913768
CH322-78H13	CHORI-322	X	11106694	11126717
CH322-78H14	CHORI-322	3R	263505	283260
CH322-78H15	CHORI-322	2L	2181640	2204453
CH322-78H16	CHORI-322	3R	3346715	3367788
CH322-78H17	CHORI-322	2R	10707511	10728614
CH322-78H18	CHORI-322	2R	12884453	12904857
CH322-78H20	CHORI-322	3L	7464006	7485490
CH322-78H21	CHORI-322	2L	18754060	18771080
CH322-78H23	CHORI-322	X	8321796	8344190

CH322-78H24	CHORI-322	2L	303280	321213
CH322-78I05	CHORI-322	2R	4832794	4851661
CH322-78I06	CHORI-322	X	6589810	6611372
CH322-78I07	CHORI-322	X	16052334	16071084
CH322-78I08	CHORI-322	X	1539722	1560613
CH322-78I09	CHORI-322	3R	3338917	3358901
CH322-78I10	CHORI-322	2L	11948302	11970156
CH322-78I11	CHORI-322	X	10030364	10049699
CH322-78I12	CHORI-322	X	8145291	8167178
CH322-78I13	CHORI-322	3R	24042646	24064413
CH322-78I14	CHORI-322	2R	9144552	9164958
CH322-78I15	CHORI-322	2L	4079751	4099852
CH322-78I16	CHORI-322	3R	21397964	21417848
CH322-78I17	CHORI-322	3R	8789930	8807120
CH322-78I18	CHORI-322	3R	3118968	3137840
CH322-78I21	CHORI-322	3R	27262263	27279382
CH322-78I22	CHORI-322	3L	8543777	8564475
CH322-78J04	CHORI-322	2L	20494720	20514320
CH322-78J05	CHORI-322	3R	16234324	16252569
CH322-78J06	CHORI-322	3R	27531541	27554265
CH322-78J07	CHORI-322	X	22161737	22180924
CH322-78J09	CHORI-322	3L	7451914	7472483
CH322-78J11	CHORI-322	3L	16955840	16978393
CH322-78J13	CHORI-322	3L	3772257	3792065
CH322-78J15	CHORI-322	X	10643973	10664598
CH322-78J16	CHORI-322	X	13830410	13849822
CH322-78J18	CHORI-322	3L	4834576	4854863
CH322-78J19	CHORI-322	X	10630331	10649711
CH322-78J21	CHORI-322	3L	4721675	4743025
CH322-78J22	CHORI-322	2R	5010005	5030387
CH322-78J23	CHORI-322	3R	18789559	18806923
CH322-78K01	CHORI-322	2L	18061200	18082036
CH322-78K03	CHORI-322	2L	1500262	1519380
CH322-78K05	CHORI-322	3R	9918498	9937643
CH322-78K07	CHORI-322	X	17210131	17232016
CH322-78K08	CHORI-322	3L	13388343	13408965
CH322-78K09	CHORI-322	2L	9106136	9127461
CH322-78K10	CHORI-322	2L	16070998	16090707
CH322-78K12	CHORI-322	2R	16849491	16868057
CH322-78K14	CHORI-322	2L	21909849	21930176
CH322-78K15	CHORI-322	3R	23967316	23986302
CH322-78K16	CHORI-322	3R	27790188	27811696
CH322-78K17	CHORI-322	3R	25375713	25399810
CH322-78K19	CHORI-322	3R	639173	660497
CH322-78K20	CHORI-322	3R	22857986	22880327
CH322-78K21	CHORI-322	2R	9407216	9425087
CH322-78K22	CHORI-322	2L	22207152	22227317
CH322-78L02	CHORI-322	3L	13817493	13839100
CH322-78L03	CHORI-322	3L	15125690	15149344
CH322-78L04	CHORI-322	4	837203	858716
CH322-78L07	CHORI-322	X	20397902	20421179
CH322-78L08	CHORI-322	2L	10751612	10771209
CH322-78L09	CHORI-322	X	10264244	10282697
CH322-78L10	CHORI-322	2R	20380627	20400411

CH322-78L11	CHORI-322	3R	5302837	5323498
CH322-78L12	CHORI-322	3L	15936286	15954432
CH322-78L14	CHORI-322	X	3807506	3830540
CH322-78L15	CHORI-322	X	10552511	10574637
CH322-78L17	CHORI-322	2R	20306256	20326386
CH322-78L18	CHORI-322	3R	13510042	13531748
CH322-78L19	CHORI-322	2L	21345322	21363145
CH322-78L20	CHORI-322	2L	6584005	6601612
CH322-78L21	CHORI-322	2L	218327	236472
CH322-78L23	CHORI-322	3R	24509109	24530299
CH322-78M03	CHORI-322	3R	20111462	20132643
CH322-78M05	CHORI-322	2L	17702676	17720796
CH322-78M06	CHORI-322	2R	19896913	19917626
CH322-78M07	CHORI-322	3R	3774687	3794024
CH322-78M08	CHORI-322	3R	23625917	23645734
CH322-78M09	CHORI-322	3R	25004097	25023333
CH322-78M13	CHORI-322	3L	21911947	21933672
CH322-78M14	CHORI-322	2R	18910770	18933841
CH322-78M15	CHORI-322	3R	7970259	7993326
CH322-78M16	CHORI-322	3L	21139828	21162249
CH322-78M17	CHORI-322	X	6096232	6112715
CH322-78M18	CHORI-322	3L	17284384	17303397
CH322-78M20	CHORI-322	2L	5078556	5099692
CH322-78M21	CHORI-322	2R	12643593	12660481
CH322-78M22	CHORI-322	2R	6191819	6211824
CH322-78N03	CHORI-322	3L	6097964	6120675
CH322-78N06	CHORI-322	2L	6396922	6416862
CH322-78N09	CHORI-322	2L	18090955	18111620
CH322-78N11	CHORI-322	2R	18215473	18235120
CH322-78N12	CHORI-322	3R	12708089	12728743
CH322-78N13	CHORI-322	3L	22402771	22424297
CH322-78N14	CHORI-322	X	20141405	20158810
CH322-78N15	CHORI-322	3R	8024317	8044520
CH322-78N16	CHORI-322	X	16943093	16962063
CH322-78N17	CHORI-322	2L	15548259	15569876
CH322-78N18	CHORI-322	3L	2024148	2044632
CH322-78N19	CHORI-322	2L	8712750	8734137
CH322-78N20	CHORI-322	X	19226559	19243210
CH322-78N21	CHORI-322	2R	15021756	15040987
CH322-78N22	CHORI-322	X	6144348	6165740
CH322-78O03	CHORI-322	3L	3757566	3778052
CH322-78O04	CHORI-322	3R	10342196	10362175
CH322-78O05	CHORI-322	X	1140361	1160806
CH322-78O06	CHORI-322	2R	15028369	15049346
CH322-78O07	CHORI-322	3R	10162307	10180948
CH322-78O10	CHORI-322	3R	22363437	22381963
CH322-78O11	CHORI-322	3L	20682871	20705407
CH322-78O12	CHORI-322	3L	11490649	11510351
CH322-78O14	CHORI-322	X	11537408	11559281
CH322-78O15	CHORI-322	3L	3787047	3807542
CH322-78O16	CHORI-322	2R	961751	981230
CH322-78O17	CHORI-322	2L	15067567	15087667
CH322-78O18	CHORI-322	X	6943461	6964581
CH322-78O19	CHORI-322	2L	18467230	18486949

CH322-78O21	CHORI-322	2L	18378694	18398656
CH322-78O22	CHORI-322	3L	5985187	6002825
CH322-78O23	CHORI-322	3R	1899110	1919164
CH322-78P08	CHORI-322	3R	4506484	4527571
CH322-78P12	CHORI-322	3L	5998169	6018225
CH322-78P14	CHORI-322	3R	23015818	23038508
CH322-78P19	CHORI-322	2L	790605	814857
CH322-78P20	CHORI-322	X	8810640	8830676
CH322-78P22	CHORI-322	2L	21628596	21648981
CH322-78P23	CHORI-322	X	16578885	16598729
CH322-79A02	CHORI-322	3L	17546836	17567847
CH322-79A03	CHORI-322	3R	17875663	17894748
CH322-79A04	CHORI-322	3L	21468084	21488300
CH322-79A05	CHORI-322	3R	27686886	27707664
CH322-79A06	CHORI-322	2L	5850235	5872774
CH322-79A11	CHORI-322	2L	18926757	18946600
CH322-79A12	CHORI-322	X	16821644	16842758
CH322-79A13	CHORI-322	3L	10498578	10515018
CH322-79A15	CHORI-322	3R	8799444	8820758
CH322-79A17	CHORI-322	3L	14558883	14581284
CH322-79A18	CHORI-322	2L	4705836	4724088
CH322-79A20	CHORI-322	2L	18546296	18567906
CH322-79A21	CHORI-322	X	7685288	7705750
CH322-79B04	CHORI-322	3L	12317852	12338136
CH322-79B05	CHORI-322	2R	16873449	16897728
CH322-79B06	CHORI-322	X	3917705	3940417
CH322-79B08	CHORI-322	3L	20072875	20094540
CH322-79B11	CHORI-322	X	20025043	20045404
CH322-79B14	CHORI-322	X	14575841	14595021
CH322-79B15	CHORI-322	3R	15803640	15822487
CH322-79B17	CHORI-322	2R	7938847	7958701
CH322-79B18	CHORI-322	X	6685608	6705171
CH322-79B22	CHORI-322	3L	17635687	17657362
CH322-79B23	CHORI-322	X	12962153	12985881
CH322-79B24	CHORI-322	2L	4532911	4555973
CH322-79C01	CHORI-322	X	8917782	8937726
CH322-79C02	CHORI-322	3R	14103563	14120949
CH322-79C04	CHORI-322	3L	15448961	15469967
CH322-79C08	CHORI-322	3R	12853074	12873415
CH322-79C10	CHORI-322	2L	7148399	7167050
CH322-79C13	CHORI-322	2L	1915560	1934482
CH322-79C16	CHORI-322	2L	22432421	22452655
CH322-79C18	CHORI-322	X	1442623	1461209
CH322-79C20	CHORI-322	3L	10687747	10704892
CH322-79C21	CHORI-322	X	20215375	20233893
CH322-79C22	CHORI-322	3R	3937545	3959925
CH322-79C23	CHORI-322	X	9296628	9316531
CH322-79D02	CHORI-322	X	9629822	9653838
CH322-79D03	CHORI-322	2L	14415412	14434216
CH322-79D04	CHORI-322	2L	13162282	13181315
CH322-79D05	CHORI-322	2R	2368822	2387450
CH322-79D06	CHORI-322	X	13387140	13411418
CH322-79D09	CHORI-322	X	909188	938214
CH322-79D10	CHORI-322	3R	23516944	23541137

CH322-79D12	CHORI-322	3L	7305217	7325243
CH322-79D14	CHORI-322	3R	16688635	16710241
CH322-79D15	CHORI-322	3L	20241963	20262721
CH322-79D16	CHORI-322	X	9099704	9119554
CH322-79D20	CHORI-322	3L	20683277	20705400
CH322-79D22	CHORI-322	3L	15186938	15208316
CH322-79D23	CHORI-322	2L	16429139	16449050
CH322-79D24	CHORI-322	3R	11546367	11570199
CH322-79E01	CHORI-322	3L	18620632	18638334
CH322-79E02	CHORI-322	X	4402000	4420475
CH322-79E04	CHORI-322	2L	4172233	4196123
CH322-79E05	CHORI-322	3R	18427079	18448100
CH322-79E10	CHORI-322	2L	14405355	14424832
CH322-79E13	CHORI-322	2L	7383820	7403697
CH322-79E14	CHORI-322	3L	17656864	17674688
CH322-79E17	CHORI-322	3R	9014858	9034530
CH322-79E18	CHORI-322	2L	4011159	4031404
CH322-79E19	CHORI-322	3R	10367445	10387944
CH322-79E21	CHORI-322	3R	13079783	13097870
CH322-79E22	CHORI-322	3R	8697194	8715470
CH322-79F03	CHORI-322	3R	14135244	14154859
CH322-79F04	CHORI-322	2L	19862709	19882897
CH322-79F05	CHORI-322	2L	15111088	15132567
CH322-79F10	CHORI-322	X	9999735	10020118
CH322-79F13	CHORI-322	3R	24183393	24204971
CH322-79F14	CHORI-322	2R	20363208	20382209
CH322-79F15	CHORI-322	3L	19139357	19160961
CH322-79F16	CHORI-322	3L	6321949	6344113
CH322-79F17	CHORI-322	4	149371	170550
CH322-79F18	CHORI-322	2L	13587617	13608477
CH322-79F19	CHORI-322	3L	6451001	6472421
CH322-79F20	CHORI-322	2L	8249460	8268571
CH322-79F21	CHORI-322	3R	13921513	13941579
CH322-79F22	CHORI-322	2R	4680507	4702292
CH322-79F23	CHORI-322	X	16320635	16340781
CH322-79F24	CHORI-322	3R	15446078	15467579
CH322-79G01	CHORI-322	3R	22214318	22234927
CH322-79G03	CHORI-322	3R	9859282	9880272
CH322-79G05	CHORI-322	2L	15385262	15403543
CH322-79G06	CHORI-322	2L	10773236	10792873
CH322-79G08	CHORI-322	2L	21803518	21824621
CH322-79G14	CHORI-322	3L	6568223	6586619
CH322-79G16	CHORI-322	2L	14471626	14492550
CH322-79G18	CHORI-322	X	2496282	2515109
CH322-79G19	CHORI-322	3L	19265730	19287325
CH322-79G20	CHORI-322	2R	12764280	12787423
CH322-79G21	CHORI-322	3L	10425244	10445879
CH322-79G22	CHORI-322	3R	24719916	24739166
CH322-79G24	CHORI-322	3L	18930084	18951171
CH322-79H01	CHORI-322	3R	26964736	26982349
CH322-79H02	CHORI-322	2R	19717599	19737617
CH322-79H03	CHORI-322	2L	1492565	1513913
CH322-79H07	CHORI-322	X	9219051	9241803
CH322-79H10	CHORI-322	3L	553786	573461

CH322-79H13	CHORI-322	X	9428212	9445637
CH322-79H14	CHORI-322	3L	18193230	18213119
CH322-79H15	CHORI-322	X	1717586	1734879
CH322-79H16	CHORI-322	3R	16751927	16768944
CH322-79H18	CHORI-322	3R	21761420	21782452
CH322-79H21	CHORI-322	2L	9254741	9276736
CH322-79H22	CHORI-322	3L	13175983	13196784
CH322-79H23	CHORI-322	3L	10395465	10414753
CH322-79I01	CHORI-322	X	3083046	3102162
CH322-79I02	CHORI-322	3L	20237978	20257169
CH322-79I03	CHORI-322	3R	13370199	13392267
CH322-79I04	CHORI-322	2R	6987885	7006878
CH322-79I06	CHORI-322	2L	20601969	20624195
CH322-79I08	CHORI-322	3R	25434348	25454531
CH322-79I09	CHORI-322	X	7855866	7874388
CH322-79I13	CHORI-322	3R	13306448	13326980
CH322-79I18	CHORI-322	3R	1836385	1857090
CH322-79I20	CHORI-322	2L	17664152	17685711
CH322-79I22	CHORI-322	3L	8131393	8151833
CH322-79J01	CHORI-322	2R	15898509	15921174
CH322-79J04	CHORI-322	3R	1962422	1981584
CH322-79J09	CHORI-322	2R	14293811	14314592
CH322-79J10	CHORI-322	3R	27290883	27313153
CH322-79J14	CHORI-322	3R	21751424	21768194
CH322-79J15	CHORI-322	2R	7346438	7365051
CH322-79J16	CHORI-322	2L	15302291	15322176
CH322-79J18	CHORI-322	X	4601132	4620994
CH322-79J20	CHORI-322	2R	11287637	11310072
CH322-79J22	CHORI-322	X	17359725	17378229
CH322-79K01	CHORI-322	3L	11518310	11539919
CH322-79K02	CHORI-322	3R	23394146	23414527
CH322-79K05	CHORI-322	X	16809937	16829052
CH322-79K06	CHORI-322	3L	22323573	22345317
CH322-79K09	CHORI-322	2L	2384440	2406704
CH322-79K11	CHORI-322	3R	2803237	2822611
CH322-79K12	CHORI-322	2L	2499047	2517556
CH322-79K14	CHORI-322	3R	18088029	18110602
CH322-79K15	CHORI-322	2R	15920316	15942788
CH322-79K17	CHORI-322	2L	22144269	22163146
CH322-79K18	CHORI-322	3R	10568821	10586568
CH322-79K23	CHORI-322	3R	17692881	17711800
CH322-79L01	CHORI-322	3R	23872119	23892208
CH322-79L02	CHORI-322	3L	8137644	8155252
CH322-79L05	CHORI-322	X	9232374	9253058
CH322-79L06	CHORI-322	2R	9926111	9947105
CH322-79L10	CHORI-322	X	21141145	21158399
CH322-79L11	CHORI-322	X	4604937	4625955
CH322-79L12	CHORI-322	X	12146373	12168786
CH322-79L14	CHORI-322	2L	22895702	22914551
CH322-79L16	CHORI-322	2L	3405527	3425988
CH322-79L17	CHORI-322	3R	13640094	13658841
CH322-79L18	CHORI-322	2L	8779595	8800407
CH322-79L20	CHORI-322	2R	16561786	16580618
CH322-79L21	CHORI-322	X	22144107	22161772

CH322-79L22	CHORI-322	3R	15376524	15397530
CH322-79L23	CHORI-322	2L	17278367	17297741
CH322-79M02	CHORI-322	2R	15682261	15703412
CH322-79M03	CHORI-322	2L	13795825	13815069
CH322-79M04	CHORI-322	3R	23920723	23941615
CH322-79M06	CHORI-322	X	15499747	15520468
CH322-79M07	CHORI-322	2L	7097142	7118493
CH322-79M09	CHORI-322	4	864303	883673
CH322-79M10	CHORI-322	2L	6396922	6416862
CH322-79M11	CHORI-322	3R	1711330	1733208
CH322-79M12	CHORI-322	2R	15775255	15796476
CH322-79M14	CHORI-322	3R	24366153	24389079
CH322-79M18	CHORI-322	X	1306032	1325736
CH322-79M20	CHORI-322	3R	1118692	1142254
CH322-79M21	CHORI-322	3L	8484987	8503197
CH322-79M22	CHORI-322	2L	1463377	1481537
CH322-79N01	CHORI-322	3R	20287960	20307963
CH322-79N02	CHORI-322	2R	15350334	15368820
CH322-79N04	CHORI-322	3L	595212	615582
CH322-79N06	CHORI-322	3R	6825162	6845580
CH322-79N07	CHORI-322	2L	17720680	17742851
CH322-79N08	CHORI-322	3L	7928419	7948261
CH322-79N10	CHORI-322	2L	3127788	3147584
CH322-79N11	CHORI-322	4	1186608	1204675
CH322-79N13	CHORI-322	3L	19304960	19327214
CH322-79N14	CHORI-322	2R	20309499	20327748
CH322-79N15	CHORI-322	X	6787573	6805050
CH322-79N17	CHORI-322	2R	14732680	14753095
CH322-79N18	CHORI-322	2L	16319009	16337702
CH322-79N20	CHORI-322	2R	16990149	17010351
CH322-79N21	CHORI-322	2R	10738430	10757188
CH322-79O01	CHORI-322	2R	10439429	10459294
CH322-79O05	CHORI-322	2R	20696947	20719062
CH322-79O06	CHORI-322	3L	12284141	12305856
CH322-79O11	CHORI-322	2L	20753606	20772100
CH322-79O12	CHORI-322	3R	20263732	20284496
CH322-79O14	CHORI-322	3R	3360093	3380969
CH322-79O15	CHORI-322	3L	16962276	16981929
CH322-79O16	CHORI-322	3L	21309940	21331075
CH322-79O18	CHORI-322	3R	11046100	11063701
CH322-79O19	CHORI-322	3R	17808096	17830873
CH322-79O20	CHORI-322	2L	20645189	20663914
CH322-79O22	CHORI-322	3L	12221333	12239522
CH322-79O23	CHORI-322	3L	18322148	18342046
CH322-79P03	CHORI-322	X	13592357	13609991
CH322-79P04	CHORI-322	2L	4051841	4072269
CH322-79P05	CHORI-322	3R	2811820	2832539
CH322-79P07	CHORI-322	3L	12745677	12764562
CH322-79P08	CHORI-322	3R	2832151	2851469
CH322-79P09	CHORI-322	3R	21752368	21775115
CH322-79P10	CHORI-322	2R	5824355	5845464
CH322-79P11	CHORI-322	3R	9951163	9970168
CH322-79P12	CHORI-322	2R	8834609	8858699
CH322-79P13	CHORI-322	3R	1588444	1612696

CH322-79P15	CHORI-322	3L	18953839	18971884
CH322-79P16	CHORI-322	3L	7283554	7302742
CH322-79P17	CHORI-322	3L	20138446	20158366
CH322-79P21	CHORI-322	2L	16459475	16480359
CH322-80A03	CHORI-322	X	14481997	14501574
CH322-80A04	CHORI-322	3R	21120343	21140825
CH322-80A05	CHORI-322	3R	23586500	23608846
CH322-80A06	CHORI-322	2R	12172150	12192856
CH322-80A07	CHORI-322	3L	20443708	20463160
CH322-80A08	CHORI-322	2R	10544694	10565504
CH322-80A10	CHORI-322	2L	17351227	17370759
CH322-80A11	CHORI-322	2L	13030992	13053666
CH322-80A14	CHORI-322	2R	818762	838664
CH322-80A15	CHORI-322	2R	14523650	14544927
CH322-80A17	CHORI-322	2R	20979929	20998517
CH322-80A18	CHORI-322	3L	12964780	12985989
CH322-80A19	CHORI-322	X	17041110	17057931
CH322-80A20	CHORI-322	2R	2052920	2071436
CH322-80A21	CHORI-322	3L	12968243	12989388
CH322-80A24	CHORI-322	3R	24823527	24844432
CH322-80B02	CHORI-322	3L	10498017	10517522
CH322-80B03	CHORI-322	3R	15330267	15351146
CH322-80B04	CHORI-322	3L	17242242	17261855
CH322-80B05	CHORI-322	X	16640976	16659576
CH322-80B06	CHORI-322	3R	1883143	1903008
CH322-80B11	CHORI-322	2R	7845426	7864720
CH322-80B14	CHORI-322	2L	15502983	15526502
CH322-80B16	CHORI-322	2L	4087215	4106165
CH322-80B23	CHORI-322	3L	7970015	7987643
CH322-80C01	CHORI-322	3L	11661509	11681718
CH322-80C03	CHORI-322	3L	6023659	6044733
CH322-80C05	CHORI-322	3R	24739516	24758317
CH322-80C06	CHORI-322	3R	26620256	26638139
CH322-80C11	CHORI-322	3L	15552506	15574381
CH322-80C23	CHORI-322	3R	6219075	6237233
CH322-80D01	CHORI-322	3R	16045297	16066598
CH322-80D03	CHORI-322	3R	22383778	22401586
CH322-80D06	CHORI-322	2L	4216765	4239994
CH322-80D11	CHORI-322	3R	6193897	6215580
CH322-80D23	CHORI-322	3R	12736505	12757421
CH322-80E04	CHORI-322	X	760952	777554
CH322-80E05	CHORI-322	3L	1727390	1747190
CH322-80E09	CHORI-322	2R	4416592	4435776
CH322-80E10	CHORI-322	2L	11741008	11760290
CH322-80E11	CHORI-322	2R	13906140	13929893
CH322-80E21	CHORI-322	2L	19318188	19339428
CH322-80E23	CHORI-322	3L	14375535	14395170
CH322-80E24	CHORI-322	3R	21981832	22001759
CH322-80F03	CHORI-322	3R	13733923	13754211
CH322-80F05	CHORI-322	3L	15728144	15748612
CH322-80F06	CHORI-322	2R	7689076	7709910
CH322-80F10	CHORI-322	3L	1350672	1369900
CH322-80F12	CHORI-322	2R	15535259	15555103
CH322-80F23	CHORI-322	3R	11496487	11514854

CH322-80G01	CHORI-322	X	6538873	6559540
CH322-80G02	CHORI-322	2R	7487615	7505966
CH322-80G03	CHORI-322	3R	15130721	15155009
CH322-80G09	CHORI-322	3L	13292269	13316151
CH322-80G17	CHORI-322	X	2402717	2425422
CH322-80G22	CHORI-322	3R	16017239	16038722
CH322-80H03	CHORI-322	3R	23577662	23598597
CH322-80H04	CHORI-322	2L	12464420	12487106
CH322-80H05	CHORI-322	2R	7419638	7441418
CH322-80H06	CHORI-322	2L	3985378	4007169
CH322-80H23	CHORI-322	2R	14776717	14797234
CH322-80I01	CHORI-322	3R	26042313	26060587
CH322-80I24	CHORI-322	X	12812775	12832825
CH322-80J02	CHORI-322	2R	20912094	20932704
CH322-80J03	CHORI-322	X	13122128	13140401
CH322-80K02	CHORI-322	3R	7800479	7820829
CH322-80K03	CHORI-322	X	9365737	9382883
CH322-80K04	CHORI-322	3R	1436862	1456549
CH322-80K05	CHORI-322	3L	5524869	5544533
CH322-80K06	CHORI-322	2L	9260019	9279947
CH322-80K09	CHORI-322	3R	9349384	9370445
CH322-80K12	CHORI-322	3L	17722633	17743889
CH322-80K13	CHORI-322	2R	18411546	18431648
CH322-80L01	CHORI-322	2R	16869832	16892032
CH322-80L03	CHORI-322	2L	14687824	14708757
CH322-80L12	CHORI-322	3R	22147288	22165858
CH322-80L13	CHORI-322	3R	19291453	19309456
CH322-80M04	CHORI-322	2R	1894186	1916312
CH322-80M06	CHORI-322	3R	27762612	27783055
CH322-80M08	CHORI-322	2L	18442078	18461389
CH322-80M09	CHORI-322	2R	13405250	13424639
CH322-80M10	CHORI-322	3R	8632456	8654399
CH322-80M12	CHORI-322	3L	2514259	2535092
CH322-80M14	CHORI-322	3R	14050368	14071611
CH322-80M17	CHORI-322	3L	12412469	12433467
CH322-80M22	CHORI-322	3L	13212474	13230698
CH322-80M23	CHORI-322	2L	21897538	21919335
CH322-80N01	CHORI-322	X	3914718	3935111
CH322-80N02	CHORI-322	3L	1981381	2000608
CH322-80N04	CHORI-322	2R	2718414	2738425
CH322-80N05	CHORI-322	2R	12604442	12622290
CH322-80N08	CHORI-322	2R	15526845	15546066
CH322-80N09	CHORI-322	X	16251996	16270922
CH322-80N10	CHORI-322	2R	12787968	12807044
CH322-80N14	CHORI-322	3R	27295239	27316612
CH322-80N16	CHORI-322	3L	13347181	13366546
CH322-80N17	CHORI-322	3R	6095521	6117094
CH322-80N18	CHORI-322	3L	7561426	7584332
CH322-80O01	CHORI-322	2L	3593350	3613041
CH322-80O03	CHORI-322	3L	19139357	19160102
CH322-80O07	CHORI-322	2R	8992102	9011550
CH322-80O09	CHORI-322	3L	19050623	19067068
CH322-80O10	CHORI-322	3L	18015652	18035371
CH322-80O12	CHORI-322	2R	18018600	18038479

CH322-80O14	CHORI-322	2L	10747570	10768424
CH322-80O15	CHORI-322	2L	11681532	11702870
CH322-80O16	CHORI-322	3R	15718551	15736923
CH322-80O18	CHORI-322	X	16486249	16507937
CH322-80O23	CHORI-322	3L	12391112	12411979
CH322-80O24	CHORI-322	2R	8767215	8786150
CH322-80P02	CHORI-322	3L	966762	984762
CH322-80P03	CHORI-322	4	830000	849546
CH322-80P04	CHORI-322	3L	2282455	2304388
CH322-80P05	CHORI-322	3R	14437714	14456553
CH322-80P06	CHORI-322	3R	13173826	13191440
CH322-80P07	CHORI-322	2L	17880803	17900302
CH322-80P09	CHORI-322	X	20442901	20461844
CH322-80P12	CHORI-322	3L	22631040	22649678
CH322-80P13	CHORI-322	X	4815006	4836030
CH322-80P15	CHORI-322	3L	15728148	15748411
CH322-80P16	CHORI-322	2R	20520257	20543224
CH322-80P17	CHORI-322	2L	9552674	9573755
CH322-80P19	CHORI-322	2R	15555538	15576238
CH322-80P23	CHORI-322	2L	67838	86077
CH322-81A13	CHORI-322	3L	3124089	3146766
CH322-81A15	CHORI-322	X	17209082	17229295
CH322-81A17	CHORI-322	2L	10362194	10384267
CH322-81A18	CHORI-322	3R	17404628	17426715
CH322-81A19	CHORI-322	X	8389920	8409188
CH322-81B05	CHORI-322	3L	21036275	21052645
CH322-81B07	CHORI-322	X	4095555	4113211
CH322-81B08	CHORI-322	X	14164455	14186290
CH322-81B09	CHORI-322	2L	14031183	14050725
CH322-81B10	CHORI-322	2R	12688361	12711135
CH322-81B11	CHORI-322	3R	6111195	6129925
CH322-81B12	CHORI-322	3R	11213203	11233232
CH322-81B13	CHORI-322	3R	21608448	21626521
CH322-81B14	CHORI-322	2L	8819051	8841570
CH322-81B16	CHORI-322	2L	7162721	7182869
CH322-81B18	CHORI-322	3L	15837693	15857689
CH322-81B19	CHORI-322	2L	6358288	6380980
CH322-81C03	CHORI-322	3R	5200440	5220184
CH322-81C06	CHORI-322	X	10950056	10967525
CH322-81C09	CHORI-322	2L	22169381	22189739
CH322-81C10	CHORI-322	2L	8993979	9011431
CH322-81C12	CHORI-322	3L	10498578	10517522
CH322-81C13	CHORI-322	2L	19278727	19298788
CH322-81C15	CHORI-322	3R	6348227	6368150
CH322-81C16	CHORI-322	2R	2702585	2727135
CH322-81C17	CHORI-322	2R	15093842	15112297
CH322-81C19	CHORI-322	3L	16485780	16503876
CH322-81C20	CHORI-322	2L	8785130	8807489
CH322-81C21	CHORI-322	3R	2798574	2817965
CH322-81C22	CHORI-322	X	14591243	14610471
CH322-81D05	CHORI-322	3R	27186049	27208342
CH322-81D07	CHORI-322	3L	2417816	2437649
CH322-81D08	CHORI-322	3R	24350949	24375860
CH322-81D09	CHORI-322	2R	15445881	15464235

CH322-81D10	CHORI-322	X	6817774	6838159
CH322-81D14	CHORI-322	3L	20051457	20071710
CH322-81D15	CHORI-322	2R	2701365	2721376
CH322-81D16	CHORI-322	2L	5359663	5378883
CH322-81D17	CHORI-322	3R	27507459	27529475
CH322-81D18	CHORI-322	2R	2775415	2797834
CH322-81D21	CHORI-322	2R	5468468	5491976
CH322-81D23	CHORI-322	2L	2361139	2382444
CH322-81D24	CHORI-322	2R	19195528	19213435
CH322-81E02	CHORI-322	4	181820	202692
CH322-81E04	CHORI-322	2L	7894339	7914206
CH322-81E05	CHORI-322	X	6076070	6097159
CH322-81E06	CHORI-322	3L	692357	711596
CH322-81E07	CHORI-322	2R	5195094	5217429
CH322-81E09	CHORI-322	3R	20427573	20447497
CH322-81E10	CHORI-322	2R	11638949	11661598
CH322-81E12	CHORI-322	2L	10745514	10768659
CH322-81E13	CHORI-322	3R	22947635	22966421
CH322-81E14	CHORI-322	3R	23143855	23164672
CH322-81E15	CHORI-322	3R	5348178	5365969
CH322-81E19	CHORI-322	2L	15305567	15325382
CH322-81E23	CHORI-322	X	9520487	9538077
CH322-81E24	CHORI-322	3R	6642208	6663208
CH322-81F02	CHORI-322	2R	8132421	8153242
CH322-81F03	CHORI-322	2R	14923136	14941730
CH322-81F05	CHORI-322	2R	3018634	3039213
CH322-81F06	CHORI-322	2L	12064246	12087135
CH322-81F07	CHORI-322	2R	11575194	11596612
CH322-81F13	CHORI-322	2L	2392910	2412398
CH322-81F14	CHORI-322	2L	10671804	10690749
CH322-81F16	CHORI-322	X	16915624	16934879
CH322-81F19	CHORI-322	3R	24598272	24618596
CH322-81F21	CHORI-322	3R	22527710	22548307
CH322-81F22	CHORI-322	3L	10275237	10293612
CH322-81F23	CHORI-322	3R	22163426	22181601
CH322-81F24	CHORI-322	2R	16088984	16105866
CH322-81G05	CHORI-322	X	14206097	14224733
CH322-81G06	CHORI-322	3R	7027150	7049930
CH322-81G07	CHORI-322	2L	6832707	6854369
CH322-81G08	CHORI-322	3L	11468508	11488348
CH322-81G09	CHORI-322	2L	18799699	18820906
CH322-81G10	CHORI-322	2R	16788931	16809823
CH322-81G11	CHORI-322	2L	1531703	1550225
CH322-81G13	CHORI-322	3L	1850278	1870129
CH322-81G14	CHORI-322	2L	13489612	13511848
CH322-81G16	CHORI-322	3R	24795146	24816105
CH322-81G18	CHORI-322	3R	1952864	1972399
CH322-81G19	CHORI-322	3R	25518514	25538894
CH322-81G21	CHORI-322	2R	15433141	15454095
CH322-81G23	CHORI-322	3R	16701000	16721699
CH322-81G24	CHORI-322	2R	9906872	9929537
CH322-81H03	CHORI-322	3R	14148278	14168797
CH322-81H04	CHORI-322	3R	7992506	8013774
CH322-81H05	CHORI-322	3R	12505139	12524295

CH322-81H07	CHORI-322	3L	23326751	23346288
CH322-81H08	CHORI-322	3R	20235340	20254540
CH322-81H09	CHORI-322	3R	14516174	14538897
CH322-81H10	CHORI-322	3R	16225891	16248424
CH322-81H11	CHORI-322	2L	13895756	13916468
CH322-81H13	CHORI-322	2L	19272738	19289629
CH322-81H16	CHORI-322	3L	5878252	5898147
CH322-81H17	CHORI-322	X	16912825	16930120
CH322-81H18	CHORI-322	3R	24796794	24819296
CH322-81H20	CHORI-322	2R	14566418	14586989
CH322-81H22	CHORI-322	2L	11183485	11206245
CH322-81H23	CHORI-322	2L	12044557	12065428
CH322-81H24	CHORI-322	2L	21722268	21744317
CH322-81I04	CHORI-322	X	10130514	10150894
CH322-81I05	CHORI-322	2L	152339	171383
CH322-81I07	CHORI-322	2R	3894035	3911311
CH322-81I08	CHORI-322	X	21345736	21367040
CH322-81I10	CHORI-322	3L	21555007	21574498
CH322-81I12	CHORI-322	3R	25057779	25078504
CH322-81I14	CHORI-322	3R	26567206	26588354
CH322-81I15	CHORI-322	3L	8359728	8380222
CH322-81I16	CHORI-322	3R	20860645	20881216
CH322-81I19	CHORI-322	X	11968996	11987935
CH322-81I22	CHORI-322	2R	14421906	14443058
CH322-81I23	CHORI-322	3R	27651918	27671028
CH322-81J04	CHORI-322	3R	14458074	14479384
CH322-81J05	CHORI-322	3L	17121691	17141543
CH322-81J06	CHORI-322	3L	20740966	20760535
CH322-81J07	CHORI-322	2L	9301840	9323586
CH322-81J08	CHORI-322	3R	6714148	6736405
CH322-81J09	CHORI-322	2L	3978517	3998153
CH322-81J10	CHORI-322	2R	17256551	17276945
CH322-81J12	CHORI-322	3R	13067845	13086036
CH322-81J13	CHORI-322	3R	12962157	12982576
CH322-81J15	CHORI-322	2L	2624801	2646775
CH322-81J16	CHORI-322	3R	7493525	7514438
CH322-81J17	CHORI-322	3L	13290621	13310724
CH322-81J18	CHORI-322	3R	25994707	26013475
CH322-81J19	CHORI-322	2L	21246901	21267696
CH322-81J20	CHORI-322	3L	10147953	10166943
CH322-81J21	CHORI-322	X	4142646	4163334
CH322-81J22	CHORI-322	X	1147852	1172328
CH322-81J23	CHORI-322	4	1100947	1118241
CH322-81J24	CHORI-322	2L	10103012	10124977
CH322-81K01	CHORI-322	2R	19863909	19886750
CH322-81K05	CHORI-322	2L	11906993	11929543
CH322-81K08	CHORI-322	2R	19930199	19949882
CH322-81K09	CHORI-322	2R	18289242	18310419
CH322-81K10	CHORI-322	2L	15356784	15376738
CH322-81K12	CHORI-322	2R	12878478	12899615
CH322-81K13	CHORI-322	3R	16232961	16253703
CH322-81K14	CHORI-322	2L	16490781	16507793
CH322-81K16	CHORI-322	2R	12558541	12576560
CH322-81K20	CHORI-322	X	19759896	19782571

CH322-81K21	CHORI-322	3R	22353712	22372686
CH322-81K23	CHORI-322	3R	9982446	10003372
CH322-81K24	CHORI-322	2L	14885012	14907507
CH322-81L05	CHORI-322	2L	20357166	20374879
CH322-81L06	CHORI-322	X	13919561	13939162
CH322-81L07	CHORI-322	X	3728483	3748747
CH322-81L09	CHORI-322	3L	3095233	3114211
CH322-81L10	CHORI-322	3R	25230326	25250194
CH322-81L11	CHORI-322	3R	6940479	6958862
CH322-81L12	CHORI-322	2R	7473215	7494222
CH322-81L13	CHORI-322	3R	21511691	21533150
CH322-81L14	CHORI-322	3L	7310493	7335712
CH322-81L16	CHORI-322	2R	9353368	9372952
CH322-81L18	CHORI-322	3R	25906503	25927261
CH322-81L19	CHORI-322	3R	1229396	1253577
CH322-81L20	CHORI-322	2R	14959832	14979976
CH322-81L22	CHORI-322	X	21367281	21390122
CH322-81M06	CHORI-322	3L	14796599	14817241
CH322-81M07	CHORI-322	3L	10110930	10129797
CH322-81M09	CHORI-322	3L	15748511	15768035
CH322-81M10	CHORI-322	3RHet	2285098	2306730
CH322-81M14	CHORI-322	2L	4423987	4444944
CH322-81M15	CHORI-322	X	3336884	3356462
CH322-81M16	CHORI-322	X	11953892	11972701
CH322-81M20	CHORI-322	2RHet	26278	46668
CH322-81M21	CHORI-322	2R	5346541	5363989
CH322-81M22	CHORI-322	2L	8647992	8667890
CH322-81M23	CHORI-322	3R	15809353	15831771
CH322-81N03	CHORI-322	3R	11013141	11033364
CH322-81N04	CHORI-322	3L	9097277	9116207
CH322-81N07	CHORI-322	2L	18449467	18469283
CH322-81N08	CHORI-322	2R	15682092	15703260
CH322-81N10	CHORI-322	2R	19823372	19843987
CH322-81N11	CHORI-322	2L	793751	815063
CH322-81N12	CHORI-322	2R	4058014	4080981
CH322-81N14	CHORI-322	3R	6790644	6812139
CH322-81N15	CHORI-322	3L	10633193	10652352
CH322-81N17	CHORI-322	2R	3490675	3516352
CH322-81N18	CHORI-322	2R	9893926	9916329
CH322-81N19	CHORI-322	2R	9169884	9189147
CH322-81N22	CHORI-322	3R	9425347	9445658
CH322-81N23	CHORI-322	X	15610136	15631513
CH322-81O07	CHORI-322	3L	21682293	21700814
CH322-81O09	CHORI-322	3R	8771584	8790973
CH322-81O11	CHORI-322	X	13259082	13277436
CH322-81O13	CHORI-322	X	5984672	6005229
CH322-81O14	CHORI-322	2R	9891761	9912690
CH322-81O15	CHORI-322	2L	14907560	14929327
CH322-81O16	CHORI-322	2R	4042127	4062719
CH322-81O17	CHORI-322	3R	11175232	11192775
CH322-81O18	CHORI-322	3L	16603535	16621554
CH322-81O21	CHORI-322	2R	11964394	11986243
CH322-81O22	CHORI-322	3L	5709265	5732722
CH322-81O23	CHORI-322	2R	13750923	13768536

CH322-81P01	CHORI-322	2L	16857839	16879570
CH322-81P11	CHORI-322	2L	16266328	16284769
CH322-81P12	CHORI-322	3R	11115076	11135437
CH322-81P15	CHORI-322	X	13852200	13869089
CH322-81P16	CHORI-322	3R	23346625	23368752
CH322-81P19	CHORI-322	3R	8501535	8522506
CH322-81P21	CHORI-322	2L	18794538	18817727
CH322-82A13	CHORI-322	2L	18926757	18947776
CH322-82B02	CHORI-322	3R	17783133	17802103
CH322-82B07	CHORI-322	X	6803083	6824021
CH322-82B08	CHORI-322	3R	17304273	17326781
CH322-82B10	CHORI-322	X	7855741	7875463
CH322-82B11	CHORI-322	2L	1359778	1380349
CH322-82B12	CHORI-322	2L	3957535	3975401
CH322-82B17	CHORI-322	X	11156538	11176293
CH322-82B20	CHORI-322	3L	19077988	19099339
CH322-82C02	CHORI-322	3R	20316602	20337156
CH322-82C03	CHORI-322	X	8673386	8692236
CH322-82C04	CHORI-322	2L	2527467	2548067
CH322-82C06	CHORI-322	X	11270687	11291960
CH322-82C08	CHORI-322	2R	6102533	6123161
CH322-82C09	CHORI-322	X	13451446	13474170
CH322-82C12	CHORI-322	3L	19316446	19336286
CH322-82C15	CHORI-322	2R	6806611	6827415
CH322-82C16	CHORI-322	X	2803562	2822910
CH322-82C17	CHORI-322	3L	22126227	22147360
CH322-82C18	CHORI-322	3R	24261902	24284201
CH322-82C19	CHORI-322	2L	22104317	22122281
CH322-82C21	CHORI-322	3R	19364880	19384294
CH322-82C22	CHORI-322	3R	18313391	18333194
CH322-82D04	CHORI-322	3L	2000304	2021100
CH322-82D05	CHORI-322	2L	16990982	17012499
CH322-82D06	CHORI-322	3R	19454268	19474426
CH322-82D08	CHORI-322	3R	10605790	10626587
CH322-82D09	CHORI-322	X	3630323	3647102
CH322-82D10	CHORI-322	3L	15954080	15975027
CH322-82D12	CHORI-322	X	22045496	22065770
CH322-82D13	CHORI-322	3L	7131383	7152424
CH322-82D14	CHORI-322	3R	15397052	15414565
CH322-82D17	CHORI-322	2R	9676023	9697577
CH322-82D20	CHORI-322	2L	15073917	15094573
CH322-82E01	CHORI-322	2R	13306165	13329468
CH322-82E02	CHORI-322	2R	1088311	1112218
CH322-82E03	CHORI-322	4	212151	230070
CH322-82E04	CHORI-322	X	3659742	3680216
CH322-82E05	CHORI-322	2L	15212522	15232103
CH322-82E06	CHORI-322	3L	14375540	14395169
CH322-82E07	CHORI-322	2L	11240866	11261798
CH322-82E08	CHORI-322	3R	24664379	24684968
CH322-82E09	CHORI-322	3L	13858905	13879283
CH322-82E10	CHORI-322	3L	22815115	22835800
CH322-82E11	CHORI-322	3R	26366105	26386563
CH322-82E12	CHORI-322	3R	262728	283496
CH322-82E13	CHORI-322	3L	5617267	5638303

CH322-82E14	CHORI-322	3R	24184307	24207386
CH322-82E15	CHORI-322	3L	689076	711610
CH322-82E16	CHORI-322	3L	18713385	18732735
CH322-82E17	CHORI-322	3R	2592783	2613052
CH322-82E18	CHORI-322	2R	12649339	12670172
CH322-82E19	CHORI-322	3L	11169073	11187574
CH322-82E21	CHORI-322	3R	4887420	4905481
CH322-82E22	CHORI-322	2R	6558799	6577024
CH322-82E23	CHORI-322	3L	4825532	4848669
CH322-82E24	CHORI-322	X	10408050	10435228
CH322-82F02	CHORI-322	2R	13204845	13222835
CH322-82F03	CHORI-322	3L	5317282	5340304
CH322-82F05	CHORI-322	2L	509825	531979
CH322-82F06	CHORI-322	2R	14836312	14857936
CH322-82F07	CHORI-322	X	9809914	9829107
CH322-82F09	CHORI-322	3R	22606318	22627211
CH322-82F10	CHORI-322	2R	4259676	4279519
CH322-82F12	CHORI-322	2R	17982047	18001063
CH322-82F14	CHORI-322	3R	12104059	12124252
CH322-82F15	CHORI-322	2R	8161410	8184426
CH322-82F16	CHORI-322	2R	21000614	21020740
CH322-82F17	CHORI-322	3R	15304425	15324907
CH322-82F18	CHORI-322	2R	13843136	13863423
CH322-82F19	CHORI-322	3R	150767	170806
CH322-82F20	CHORI-322	3LHet	2220939	2240157
CH322-82F22	CHORI-322	X	7988758	8006469
CH322-82F23	CHORI-322	2R	8902582	8919312
CH322-82G02	CHORI-322	X	14704462	14727330
CH322-82G04	CHORI-322	X	14211620	14231763
CH322-82G05	CHORI-322	X	13090831	13112572
CH322-82G06	CHORI-322	X	999459	1018442
CH322-82G07	CHORI-322	3R	14020037	14042674
CH322-82G15	CHORI-322	2R	17154837	17172872
CH322-82G16	CHORI-322	3L	4623846	4645707
CH322-82G19	CHORI-322	2R	18316879	18340435
CH322-82G21	CHORI-322	3R	4583201	4602899
CH322-82G22	CHORI-322	X	3360283	3378913
CH322-82G23	CHORI-322	3R	13978168	14001081
CH322-82H01	CHORI-322	3L	22272642	22290278
CH322-82H03	CHORI-322	3R	4602657	4621609
CH322-82H05	CHORI-322	X	9175706	9194671
CH322-82H07	CHORI-322	X	7849393	7869982
CH322-82H08	CHORI-322	2R	7511486	7530251
CH322-82H10	CHORI-322	3L	18031251	18052567
CH322-82H11	CHORI-322	2L	9678913	9702972
CH322-82H12	CHORI-322	3L	23013302	23031416
CH322-82H13	CHORI-322	2L	3125651	3146800
CH322-82H16	CHORI-322	2R	14341533	14364075
CH322-82H23	CHORI-322	3L	6449448	6468472
CH322-82I01	CHORI-322	2L	789536	809910
CH322-82I03	CHORI-322	2L	11681147	11702870
CH322-82I04	CHORI-322	3R	25914060	25934444
CH322-82I07	CHORI-322	X	4601746	4621694
CH322-82I08	CHORI-322	2R	11312093	11333161

CH322-82I09	CHORI-322	3R	24652098	24672392
CH322-82I10	CHORI-322	2R	7211904	7233380
CH322-82I11	CHORI-322	3L	11642778	11663120
CH322-82I12	CHORI-322	2L	14238183	14257442
CH322-82I15	CHORI-322	3L	13762085	13784730
CH322-82I16	CHORI-322	2R	8212658	8233413
CH322-82I17	CHORI-322	X	19764532	19785967
CH322-82I18	CHORI-322	2L	2626024	2643407
CH322-82I20	CHORI-322	3R	23718726	23739510
CH322-82I21	CHORI-322	3R	15946871	15969026
CH322-82I23	CHORI-322	3R	26452387	26473470
CH322-82J03	CHORI-322	X	6763047	6785027
CH322-82J04	CHORI-322	3L	7379291	7399154
CH322-82J05	CHORI-322	2L	4130298	4150704
CH322-82J06	CHORI-322	2R	1927065	1944570
CH322-82J07	CHORI-322	3L	13915945	13939336
CH322-82J10	CHORI-322	3R	24245010	24266739
CH322-82J14	CHORI-322	3L	3662044	3681665
CH322-82J15	CHORI-322	X	4815635	4838589
CH322-82J17	CHORI-322	3R	24497623	24518131
CH322-82J18	CHORI-322	3R	8902800	8923497
CH322-82J21	CHORI-322	3R	3289787	3311475
CH322-82J22	CHORI-322	3R	5431051	5454312
CH322-82J24	CHORI-322	3R	3404243	3423158
CH322-82K01	CHORI-322	2L	6021887	6040803
CH322-82K03	CHORI-322	3L	3703218	3723117
CH322-82K04	CHORI-322	2L	1028589	1052369
CH322-82K05	CHORI-322	2L	16052917	16073035
CH322-82K06	CHORI-322	3L	18535019	18556026
CH322-82K07	CHORI-322	3R	22060544	22081848
CH322-82K09	CHORI-322	3L	18255996	18275853
CH322-82K10	CHORI-322	2L	14206879	14230129
CH322-82K12	CHORI-322	X	13087710	13106838
CH322-82K13	CHORI-322	3L	10983505	11005887
CH322-82K15	CHORI-322	3R	16276534	16296556
CH322-82K16	CHORI-322	2R	8004241	8027058
CH322-82K17	CHORI-322	2R	5495879	5515619
CH322-82K20	CHORI-322	3R	22621035	22641658
CH322-82K21	CHORI-322	2L	7956452	7975677
CH322-82K22	CHORI-322	2L	9010733	9033152
CH322-82K24	CHORI-322	3R	20471390	20490317
CH322-82L02	CHORI-322	3L	7633962	7653797
CH322-82L03	CHORI-322	3R	16218084	16236391
CH322-82L04	CHORI-322	3LHet	2457667	2476323
CH322-82L05	CHORI-322	X	7318991	7338010
CH322-82L06	CHORI-322	X	15791526	15811475
CH322-82L07	CHORI-322	2R	4338943	4358774
CH322-82L09	CHORI-322	3R	18863200	18883289
CH322-82L10	CHORI-322	2R	19595768	19616677
CH322-82L11	CHORI-322	3R	21189426	21208206
CH322-82L13	CHORI-322	X	2525928	2543040
CH322-82L17	CHORI-322	2R	18708887	18729898
CH322-82L18	CHORI-322	X	6914086	6933749
CH322-82M01	CHORI-322	X	17699767	17721417

CH322-82M02	CHORI-322	3R	26274159	26294530
CH322-82M03	CHORI-322	3R	20559653	20577545
CH322-82M04	CHORI-322	2R	17749827	17769136
CH322-82M05	CHORI-322	2R	2409686	2431064
CH322-82M06	CHORI-322	3R	16315859	16334593
CH322-82M08	CHORI-322	2L	18278412	18296064
CH322-82M09	CHORI-322	2R	3907447	3929325
CH322-82M12	CHORI-322	3R	18792128	18813021
CH322-82M13	CHORI-322	3L	14726183	14744260
CH322-82M15	CHORI-322	3R	22163426	22181601
CH322-82M16	CHORI-322	2R	13027799	13050721
CH322-82M17	CHORI-322	3R	24065851	24083845
CH322-82M18	CHORI-322	X	3928377	3949260
CH322-82M19	CHORI-322	2R	15156100	15177453
CH322-82M21	CHORI-322	2R	11320243	11337569
CH322-82M23	CHORI-322	3R	27411840	27432304
CH322-82N03	CHORI-322	2R	8880041	8897602
CH322-82N04	CHORI-322	2R	10352214	10371129
CH322-82N05	CHORI-322	2L	479218	495916
CH322-82N07	CHORI-322	2L	22080288	22100042
CH322-82N10	CHORI-322	3R	657312	678477
CH322-82N12	CHORI-322	3L	5783162	5804963
CH322-82N14	CHORI-322	2L	17878461	17900585
CH322-82N16	CHORI-322	3L	14248168	14268203
CH322-82N17	CHORI-322	2R	5068737	5090861
CH322-82N18	CHORI-322	3R	8424911	8448226
CH322-82N19	CHORI-322	3R	12540418	12558432
CH322-82N21	CHORI-322	3L	11489061	11512105
CH322-82O04	CHORI-322	2L	8546056	8564429
CH322-82O05	CHORI-322	2R	18889927	18909344
CH322-82O06	CHORI-322	3R	8075429	8095713
CH322-82O07	CHORI-322	3L	3516302	3534100
CH322-82O08	CHORI-322	3R	1095019	1116061
CH322-82O09	CHORI-322	2R	14865680	14884610
CH322-82O10	CHORI-322	X	5306392	5327122
CH322-82O11	CHORI-322	3R	13301103	13320993
CH322-82O12	CHORI-322	3L	18295139	18314102
CH322-82O13	CHORI-322	3L	5229402	5249425
CH322-82O15	CHORI-322	3R	11867258	11886076
CH322-82O16	CHORI-322	2R	2643360	2667196
CH322-82O17	CHORI-322	2R	14777725	14796959
CH322-82O18	CHORI-322	2L	1484408	1504587
CH322-82O19	CHORI-322	3L	8138237	8158121
CH322-82O21	CHORI-322	3L	6173909	6196505
CH322-82P01	CHORI-322	3L	7535191	7556763
CH322-82P02	CHORI-322	3R	9767633	9788193
CH322-82P11	CHORI-322	2L	15234520	15256053
CH322-82P14	CHORI-322	2L	16632180	16651575
CH322-82P16	CHORI-322	2R	5532210	5553526
CH322-82P20	CHORI-322	3L	21061953	21083106
CH322-83A02	CHORI-322	3L	15840844	15863036
CH322-83A07	CHORI-322	3R	2619487	2638876
CH322-83A08	CHORI-322	2R	17108415	17131947
CH322-83A09	CHORI-322	3R	16495482	16515894

CH322-83A10	CHORI-322	3L	6738198	6760300
CH322-83A12	CHORI-322	3R	11499385	11519655
CH322-83A15	CHORI-322	3R	24045444	24063111
CH322-83A16	CHORI-322	2R	12685001	12704457
CH322-83A17	CHORI-322	2R	3472224	3492327
CH322-83B04	CHORI-322	3R	6432144	6452967
CH322-83B05	CHORI-322	X	18943858	18965336
CH322-83B09	CHORI-322	3L	12705235	12728338
CH322-83B10	CHORI-322	2L	20910944	20928214
CH322-83B11	CHORI-322	2L	18022433	18041739
CH322-83B12	CHORI-322	2L	3106825	3124470
CH322-83B13	CHORI-322	3L	12370846	12389459
CH322-83B14	CHORI-322	3R	4786079	4808225
CH322-83B15	CHORI-322	X	12327314	12346183
CH322-83B18	CHORI-322	3R	14374074	14394014
CH322-83B21	CHORI-322	2R	9643243	9662233
CH322-83B22	CHORI-322	2R	3730364	3749587
CH322-83C04	CHORI-322	X	8294061	8312479
CH322-83C06	CHORI-322	3R	22825956	22846218
CH322-83C08	CHORI-322	2R	12557504	12580912
CH322-83C09	CHORI-322	X	15160612	15182800
CH322-83C11	CHORI-322	3L	21310171	21330896
CH322-83C12	CHORI-322	2R	18974905	18992962
CH322-83C13	CHORI-322	2R	20288267	20310102
CH322-83C15	CHORI-322	3R	7090525	7108874
CH322-83C17	CHORI-322	2L	9103740	9121477
CH322-83C19	CHORI-322	3R	18327666	18346305
CH322-83C20	CHORI-322	2R	1704556	1725456
CH322-83D01	CHORI-322	2R	18238920	18260127
CH322-83D03	CHORI-322	X	6044550	6064907
CH322-83D04	CHORI-322	2R	14798904	14818979
CH322-83D05	CHORI-322	2R	5110232	5131097
CH322-83D06	CHORI-322	4	1069621	1089515
CH322-83D07	CHORI-322	3R	1569043	1589315
CH322-83D10	CHORI-322	3LHet	2116412	2133220
CH322-83D13	CHORI-322	2R	10050196	10073722
CH322-83D14	CHORI-322	3R	17810630	17833958
CH322-83D18	CHORI-322	3L	10726204	10743928
CH322-83D19	CHORI-322	2L	464871	486926
CH322-83D21	CHORI-322	3L	10160363	10179830
CH322-83E02	CHORI-322	3L	1356287	1374703
CH322-83E03	CHORI-322	X	879515	899562
CH322-83E04	CHORI-322	2R	4584360	4604738
CH322-83E05	CHORI-322	3L	13244522	13263000
CH322-83E08	CHORI-322	2R	4275401	4295957
CH322-83E10	CHORI-322	2R	16766850	16789322
CH322-83E11	CHORI-322	2L	18771539	18791702
CH322-83E12	CHORI-322	3R	24719395	24746176
CH322-83E13	CHORI-322	2R	20430090	20451924
CH322-83E14	CHORI-322	3R	8539701	8560331
CH322-83E18	CHORI-322	3L	17803978	17824512
CH322-83E20	CHORI-322	2L	12460237	12479937
CH322-83E21	CHORI-322	X	20596769	20618613
CH322-83E22	CHORI-322	3L	13769358	13790873

CH322-83F03	CHORI-322	2L	9212800	9232128
CH322-83F04	CHORI-322	2R	12649863	12670113
CH322-83F05	CHORI-322	3R	26378999	26398864
CH322-83F06	CHORI-322	3R	26021308	26041122
CH322-83F07	CHORI-322	X	16338276	16358451
CH322-83F08	CHORI-322	3R	17747841	17766182
CH322-83F10	CHORI-322	2L	15166820	15185558
CH322-83F12	CHORI-322	3L	10134932	10154951
CH322-83F14	CHORI-322	X	742258	762559
CH322-83F15	CHORI-322	2R	7483583	7504617
CH322-83F16	CHORI-322	2L	1501218	1521027
CH322-83F17	CHORI-322	3L	11030212	11050029
CH322-83F18	CHORI-322	3L	15344879	15365113
CH322-83F21	CHORI-322	3R	15005874	15025891
CH322-83F22	CHORI-322	3R	6869404	6887640
CH322-83F23	CHORI-322	3L	18168445	18188027
CH322-83G02	CHORI-322	3R	9559678	9580455
CH322-83G04	CHORI-322	2L	16120383	16138285
CH322-83G05	CHORI-322	2L	16702063	16722307
CH322-83G06	CHORI-322	3R	26796782	26813937
CH322-83G07	CHORI-322	2R	10712117	10733217
CH322-83G08	CHORI-322	X	10257648	10279574
CH322-83G09	CHORI-322	3L	10020321	10043289
CH322-83G10	CHORI-322	2L	13306696	13327708
CH322-83G12	CHORI-322	3L	17365093	17384362
CH322-83G13	CHORI-322	3L	1626186	1647721
CH322-83G14	CHORI-322	3R	25284673	25304983
CH322-83G15	CHORI-322	2R	3946099	3967371
CH322-83G16	CHORI-322	3R	11257445	11275182
CH322-83G17	CHORI-322	2R	10415000	10437993
CH322-83G19	CHORI-322	2R	16724081	16742510
CH322-83G20	CHORI-322	3R	18090809	18113937
CH322-83G21	CHORI-322	3R	18091793	18115314
CH322-83G23	CHORI-322	3R	14779215	14796931
CH322-83H01	CHORI-322	2R	9877664	9894753
CH322-83H02	CHORI-322	2L	17010003	17025968
CH322-83H03	CHORI-322	X	19058395	19079436
CH322-83H04	CHORI-322	3R	15387171	15403610
CH322-83H05	CHORI-322	3R	12667387	12686107
CH322-83H06	CHORI-322	3L	10110863	10135099
CH322-83H07	CHORI-322	2R	4764879	4786657
CH322-83H09	CHORI-322	3L	12795402	12814350
CH322-83H10	CHORI-322	3R	20883385	20902779
CH322-83H11	CHORI-322	2R	11721485	11743235
CH322-83H12	CHORI-322	3R	23720641	23738920
CH322-83H13	CHORI-322	3R	10498808	10517766
CH322-83H14	CHORI-322	3L	22947066	22966849
CH322-83H15	CHORI-322	2L	2575654	2595026
CH322-83H17	CHORI-322	3R	7537893	7558695
CH322-83H18	CHORI-322	3R	25368650	25390288
CH322-83H20	CHORI-322	X	9350666	9367970
CH322-83H21	CHORI-322	X	7643975	7662287
CH322-83H22	CHORI-322	2L	11591549	11611704
CH322-83H23	CHORI-322	X	12680367	12697001

CH322-83H24	CHORI-322	3R	18693109	18714462
CH322-83I04	CHORI-322	3R	26113892	26132038
CH322-83I05	CHORI-322	3L	24275727	24294089
CH322-83I06	CHORI-322	3L	4003884	4024533
CH322-83I08	CHORI-322	2L	7553147	7573301
CH322-83I11	CHORI-322	3R	11097154	11114863
CH322-83I13	CHORI-322	2R	10460174	10480983
CH322-83I15	CHORI-322	X	1343587	1364258
CH322-83I16	CHORI-322	3R	14047858	14067124
CH322-83I18	CHORI-322	3R	24310690	24329656
CH322-83I22	CHORI-322	2R	4212708	4233610
CH322-83I23	CHORI-322	2R	19592658	19614836
CH322-83J02	CHORI-322	3L	9166021	9182868
CH322-83J04	CHORI-322	3R	11314094	11333204
CH322-83J05	CHORI-322	X	6043062	6061866
CH322-83J06	CHORI-322	3L	4191332	4212748
CH322-83J08	CHORI-322	2R	2585036	2604599
CH322-83J09	CHORI-322	3R	5790959	5814039
CH322-83J10	CHORI-322	3R	18471262	18492631
CH322-83J11	CHORI-322	3R	3401687	3422181
CH322-83J13	CHORI-322	2L	2929659	2948564
CH322-83J14	CHORI-322	2L	5076059	5098425
CH322-83J15	CHORI-322	3L	21922106	21941024
CH322-83J16	CHORI-322	2R	16276806	16296954
CH322-83J17	CHORI-322	3L	7283554	7302742
CH322-83J18	CHORI-322	3R	13236316	13259097
CH322-83J20	CHORI-322	2L	11023752	11044552
CH322-83J21	CHORI-322	3R	26667391	26691386
CH322-83J22	CHORI-322	2L	3425985	3445974
CH322-83J23	CHORI-322	2L	13306019	13327885
CH322-83J24	CHORI-322	2L	307783	328621
CH322-83K03	CHORI-322	3R	24183381	24204012
CH322-83K04	CHORI-322	2R	19833536	19854677
CH322-83K05	CHORI-322	X	2354990	2374882
CH322-83K06	CHORI-322	2R	7875891	7897746
CH322-83K07	CHORI-322	3R	19763347	19780007
CH322-83K08	CHORI-322	2R	18541900	18565349
CH322-83K09	CHORI-322	2L	790605	809590
CH322-83K10	CHORI-322	X	5713254	5731242
CH322-83K12	CHORI-322	3R	1094616	1114102
CH322-83K13	CHORI-322	2R	9655533	9674521
CH322-83K15	CHORI-322	3L	7185496	7206378
CH322-83K16	CHORI-322	3R	5203989	5222793
CH322-83K17	CHORI-322	2R	14896128	14920770
CH322-83K19	CHORI-322	2R	14168468	14189453
CH322-83K21	CHORI-322	2R	19097989	19121287
CH322-83K22	CHORI-322	3L	22489884	22508768
CH322-83K24	CHORI-322	X	10066340	10086743
CH322-83L02	CHORI-322	2R	9127242	9147412
CH322-83L03	CHORI-322	3R	13112368	13129412
CH322-83L04	CHORI-322	2L	15382687	15403102
CH322-83L05	CHORI-322	2L	9550497	9571645
CH322-83L06	CHORI-322	3L	11058992	11076316
CH322-83L08	CHORI-322	X	499680	521197

CH322-83L09	CHORI-322	4	216623	236020
CH322-83L10	CHORI-322	X	9333091	9355739
CH322-83L11	CHORI-322	3R	18462594	18483118
CH322-83L12	CHORI-322	2R	11032367	11056094
CH322-83L13	CHORI-322	3R	27247851	27269961
CH322-83L15	CHORI-322	3R	13112368	13134477
CH322-83L18	CHORI-322	3L	12273521	12294880
CH322-83L19	CHORI-322	3R	16200499	16218031
CH322-83L22	CHORI-322	2L	620204	639273
CH322-83L23	CHORI-322	3R	2581911	2605518
CH322-83M02	CHORI-322	2L	19927589	19946534
CH322-83M03	CHORI-322	2R	10789248	10809275
CH322-83M04	CHORI-322	2L	5262780	5281987
CH322-83M05	CHORI-322	2R	18607472	18631430
CH322-83M07	CHORI-322	X	15618226	15638822
CH322-83M12	CHORI-322	2R	16287835	16308706
CH322-83M13	CHORI-322	2R	6941628	6962879
CH322-83M14	CHORI-322	2L	10244754	10264315
CH322-83M15	CHORI-322	3R	21257874	21278539
CH322-83M16	CHORI-322	3R	18716828	18738859
CH322-83M17	CHORI-322	3L	1173646	1190351
CH322-83M18	CHORI-322	3R	17718915	17738687
CH322-83M21	CHORI-322	2L	16427792	16447411
CH322-83M22	CHORI-322	3L	12483532	12504801
CH322-83M23	CHORI-322	2L	7629408	7650017
CH322-83N02	CHORI-322	2R	20761322	20777858
CH322-83N04	CHORI-322	3L	5698768	5719021
CH322-83N06	CHORI-322	3L	15933845	15953774
CH322-83N08	CHORI-322	2L	3917248	3936550
CH322-83N09	CHORI-322	2R	16703296	16722847
CH322-83N15	CHORI-322	X	17179537	17199992
CH322-83N17	CHORI-322	3L	21859976	21877518
CH322-83N19	CHORI-322	3L	6130602	6149421
CH322-83O03	CHORI-322	3L	13917018	13938473
CH322-83O04	CHORI-322	2L	3107168	3127790
CH322-83O05	CHORI-322	X	14163466	14185457
CH322-83O07	CHORI-322	3L	4029350	4048782
CH322-83O10	CHORI-322	2R	18153710	18174029
CH322-83O11	CHORI-322	2L	7583156	7605872
CH322-83O12	CHORI-322	3R	3045518	3066221
CH322-83O13	CHORI-322	X	19768473	19788620
CH322-83O14	CHORI-322	3R	25445428	25464931
CH322-83O16	CHORI-322	2R	6318808	6338853
CH322-83O22	CHORI-322	3R	5007511	5030668
CH322-83P01	CHORI-322	2L	19856992	19874851
CH322-83P05	CHORI-322	3L	2987201	3007234
CH322-83P11	CHORI-322	3L	852969	873897
CH322-83P12	CHORI-322	3R	19686462	19706045
CH322-83P14	CHORI-322	3L	24241797	24263448
CH322-83P15	CHORI-322	2R	9140852	9164958
CH322-83P16	CHORI-322	2R	14848439	14868229
CH322-83P18	CHORI-322	X	22234528	22255292
CH322-84D20	CHORI-322	X	13334232	13351615
CH322-84E15	CHORI-322	3R	16621003	16642298

CH322-85C10	CHORI-322	2R	6730339	6750240
CH322-85C23	CHORI-322	X	10695110	10717331
CH322-85D10	CHORI-322	3R	13382587	13399939
CH322-85E02	CHORI-322	2R	1983778	2004820
CH322-85G21	CHORI-322	3R	24712656	24731317
CH322-85I22	CHORI-322	X	21912996	21932843
CH322-85J07	CHORI-322	3R	19904501	19926114
CH322-85K15	CHORI-322	2R	7614467	7631932
CH322-85K23	CHORI-322	2L	11859391	11879891
CH322-85M23	CHORI-322	3R	20995488	21016619
CH322-85P22	CHORI-322	3L	1743496	1765501
CH322-85P24	CHORI-322	3R	24375857	24396567
CH322-86A01	CHORI-322	X	2986258	3004799
CH322-86A02	CHORI-322	X	14846890	14869172
CH322-86A03	CHORI-322	3L	22910728	22932292
CH322-86A04	CHORI-322	3L	21701586	21722580
CH322-86A05	CHORI-322	3R	1935713	1957399
CH322-86A06	CHORI-322	2L	16569159	16588960
CH322-86A07	CHORI-322	3L	10001190	10020324
CH322-86A08	CHORI-322	X	19286520	19309580
CH322-86A10	CHORI-322	3L	6372347	6389372
CH322-86A12	CHORI-322	2L	12521041	12537952
CH322-86A15	CHORI-322	3L	8528907	8551373
CH322-86A16	CHORI-322	3R	27262366	27285587
CH322-86A18	CHORI-322	3R	22405450	22426634
CH322-86A20	CHORI-322	3L	19485680	19505982
CH322-86A21	CHORI-322	2R	15105804	15126271
CH322-86A23	CHORI-322	3R	5751712	5772018
CH322-86B01	CHORI-322	3R	5954907	5974280
CH322-86B02	CHORI-322	X	13117784	13137359
CH322-86B03	CHORI-322	3R	16505434	16526546
CH322-86B04	CHORI-322	3L	18548034	18568925
CH322-86B05	CHORI-322	3L	20626798	20645489
CH322-86B06	CHORI-322	3R	27455189	27477030
CH322-86B07	CHORI-322	3R	22117691	22138228
CH322-86B08	CHORI-322	2L	10697840	10722312
CH322-86B09	CHORI-322	X	13238548	13257768
CH322-86B10	CHORI-322	X	2047573	2068730
CH322-86B12	CHORI-322	3L	7991580	8011326
CH322-86B14	CHORI-322	2R	20288626	20307986
CH322-86B15	CHORI-322	X	6384343	6402901
CH322-86B16	CHORI-322	3L	5011801	5031916
CH322-86B17	CHORI-322	3R	11946050	11970513
CH322-86B20	CHORI-322	3L	15778977	15796455
CH322-86B21	CHORI-322	3L	6906607	6927104
CH322-86B23	CHORI-322	3R	20380282	20399063
CH322-86B24	CHORI-322	2L	15296461	15316188
CH322-86C02	CHORI-322	2L	3424567	3447358
CH322-86C04	CHORI-322	2L	11000280	11022975
CH322-86C05	CHORI-322	2R	17839799	17863508
CH322-86C08	CHORI-322	2R	7203318	7224567
CH322-86C09	CHORI-322	3R	7091239	7108464
CH322-86C10	CHORI-322	2R	16041952	16063743
CH322-86C11	CHORI-322	2R	8125739	8145409

CH322-86C12	CHORI-322	3R	12122695	12142726
CH322-86C14	CHORI-322	3R	27485936	27506611
CH322-86C15	CHORI-322	2L	10347316	10366257
CH322-86C16	CHORI-322	X	1687099	1709029
CH322-86C18	CHORI-322	3R	27295700	27316344
CH322-86C19	CHORI-322	3R	4452455	4470174
CH322-86C20	CHORI-322	3R	11109645	11129624
CH322-86C21	CHORI-322	3R	4690701	4708137
CH322-86C22	CHORI-322	2L	7158888	7181165
CH322-86C23	CHORI-322	3L	6908304	6927025
CH322-86C24	CHORI-322	X	9505048	9525139
CH322-86D02	CHORI-322	3R	15943816	15966005
CH322-86D05	CHORI-322	3R	25362659	25383240
CH322-86D06	CHORI-322	3R	23843930	23864759
CH322-86D07	CHORI-322	2L	7897101	7915341
CH322-86D08	CHORI-322	3R	18818710	18841200
CH322-86D09	CHORI-322	2R	12257208	12279089
CH322-86D10	CHORI-322	2R	20614297	20634374
CH322-86D11	CHORI-322	X	13613605	13632296
CH322-86D12	CHORI-322	3L	7846663	7867876
CH322-86D13	CHORI-322	2R	11620375	11639246
CH322-86D14	CHORI-322	2R	9893926	9916329
CH322-86D16	CHORI-322	3L	1788864	1810847
CH322-86D17	CHORI-322	2L	1389817	1410757
CH322-86D18	CHORI-322	X	15869570	15890900
CH322-86D19	CHORI-322	3L	13727855	13748248
CH322-86D22	CHORI-322	2L	14358166	14380994
CH322-86D23	CHORI-322	2R	10598005	10617619
CH322-86D24	CHORI-322	2L	1285975	1306639
CH322-86E02	CHORI-322	2L	11862485	11880528
CH322-86E03	CHORI-322	3L	22035764	22056925
CH322-86E04	CHORI-322	3R	8701925	8722490
CH322-86E05	CHORI-322	3L	18711861	18732161
CH322-86E06	CHORI-322	3R	27034159	27054840
CH322-86E08	CHORI-322	X	16397584	16417965
CH322-86E10	CHORI-322	2L	11748188	11768579
CH322-86E12	CHORI-322	3R	3801681	3822933
CH322-86E13	CHORI-322	2R	19730537	19749236
CH322-86E14	CHORI-322	3R	2791097	2810258
CH322-86E16	CHORI-322	3R	19002092	19022620
CH322-86E17	CHORI-322	3R	6967054	6987374
CH322-86E19	CHORI-322	3L	5985495	6003280
CH322-86E20	CHORI-322	3L	22085528	22106932
CH322-86E21	CHORI-322	3RHet	1910398	1930000
CH322-86E23	CHORI-322	2R	18880303	18899530
CH322-86E24	CHORI-322	3R	21254864	21278057
CH322-86F01	CHORI-322	3L	1873626	1894184
CH322-86F02	CHORI-322	3L	16288564	16308616
CH322-86F03	CHORI-322	2R	17714300	17732709
CH322-86F04	CHORI-322	3R	24219397	24242533
CH322-86F05	CHORI-322	2L	2282232	2302160
CH322-86F06	CHORI-322	X	9769916	9789378
CH322-86F07	CHORI-322	2R	10259330	10279749
CH322-86F08	CHORI-322	3L	23024651	23043813

CH322-86F09	CHORI-322	3RHet	411290	431180
CH322-86F10	CHORI-322	2L	3834423	3853462
CH322-86F11	CHORI-322	3L	5634505	5654061
CH322-86F12	CHORI-322	3R	6825698	6847654
CH322-86F13	CHORI-322	2L	5485143	5501694
CH322-86F14	CHORI-322	2R	8436294	8456960
CH322-86F15	CHORI-322	X	850676	871805
CH322-86F17	CHORI-322	3R	1138140	1157504
CH322-86F19	CHORI-322	X	15998338	16018401
CH322-86F20	CHORI-322	3R	18761360	18780077
CH322-86F21	CHORI-322	3R	5632657	5650758
CH322-86F22	CHORI-322	2R	23875	46197
CH322-86F24	CHORI-322	2R	15005789	15027648
CH322-86G01	CHORI-322	X	17057553	17076839
CH322-86G03	CHORI-322	X	12980793	13000245
CH322-86G04	CHORI-322	X	19717930	19738428
CH322-86G06	CHORI-322	2L	1451289	1471894
CH322-86G07	CHORI-322	3R	22996178	23018747
CH322-86G11	CHORI-322	2L	9623483	9642928
CH322-86G12	CHORI-322	X	5350678	5372885
CH322-86G13	CHORI-322	2R	4416592	4435776
CH322-86G15	CHORI-322	3R	18736581	18760384
CH322-86G16	CHORI-322	3L	14396292	14417731
CH322-86G19	CHORI-322	3R	14469570	14488523
CH322-86G21	CHORI-322	2L	13281423	13303175
CH322-86G22	CHORI-322	2L	4279039	4299500
CH322-86G23	CHORI-322	X	18768123	18789259
CH322-86H01	CHORI-322	2L	16262323	16284179
CH322-86H02	CHORI-322	2R	14643373	14662190
CH322-86H03	CHORI-322	4	1044473	1062683
CH322-86H04	CHORI-322	2R	6096884	6117104
CH322-86H06	CHORI-322	X	19203280	19222982
CH322-86H09	CHORI-322	X	9811460	9831669
CH322-86H10	CHORI-322	3R	9704397	9724567
CH322-86H12	CHORI-322	3L	12551339	12574335
CH322-86H13	CHORI-322	3R	13044945	13064397
CH322-86H15	CHORI-322	X	9589631	9611242
CH322-86H16	CHORI-322	2L	4231947	4249904
CH322-86H18	CHORI-322	2L	14081751	14101814
CH322-86H19	CHORI-322	3R	17878614	17897313
CH322-86H20	CHORI-322	3R	9617395	9639851
CH322-86H21	CHORI-322	2L	15229871	15251592
CH322-86H22	CHORI-322	3L	2724302	2746032
CH322-86H23	CHORI-322	X	4579217	4598127
CH322-86H24	CHORI-322	3R	22889098	22910029
CH322-86I01	CHORI-322	2L	9673701	9696646
CH322-86I02	CHORI-322	2L	17089351	17108337
CH322-86I03	CHORI-322	3L	2191915	2210022
CH322-86I05	CHORI-322	3L	20153583	20174567
CH322-86I07	CHORI-322	3L	12301245	12320012
CH322-86I08	CHORI-322	3R	2588632	2609161
CH322-86I09	CHORI-322	X	7639429	7659890
CH322-86I10	CHORI-322	2RHet	2829776	2848041
CH322-86I11	CHORI-322	3R	22915101	22936080

CH322-86I12	CHORI-322	3R	11013340	11035216
CH322-86I13	CHORI-322	2R	13884759	13905084
CH322-86I14	CHORI-322	X	5594677	5614793
CH322-86I15	CHORI-322	2R	13264340	13283904
CH322-86I16	CHORI-322	3L	7208768	7228000
CH322-86I18	CHORI-322	3L	6792231	6812796
CH322-86I20	CHORI-322	2R	15908155	15929627
CH322-86I21	CHORI-322	3L	7047636	7067790
CH322-86I22	CHORI-322	2L	1417933	1436402
CH322-86I23	CHORI-322	3L	11843030	11862261
CH322-86I24	CHORI-322	X	17886971	17909089
CH322-86J03	CHORI-322	2L	13149267	13166762
CH322-86J04	CHORI-322	4	716685	734638
CH322-86J05	CHORI-322	X	20677593	20697835
CH322-86J06	CHORI-322	4	438481	455400
CH322-86J08	CHORI-322	3R	10224747	10247199
CH322-86J10	CHORI-322	2L	11804549	11825181
CH322-86J11	CHORI-322	2R	11204230	11225388
CH322-86J12	CHORI-322	X	3582302	3604517
CH322-86J13	CHORI-322	3R	8189824	8211047
CH322-86J16	CHORI-322	2R	9571809	9594643
CH322-86J17	CHORI-322	3R	3683872	3705307
CH322-86J18	CHORI-322	X	9654042	9672029
CH322-86J19	CHORI-322	3L	10294080	10315761
CH322-86J21	CHORI-322	3R	19202843	19221316
CH322-86J24	CHORI-322	2R	2530571	2554108
CH322-86K02	CHORI-322	3R	1340423	1363284
CH322-86K05	CHORI-322	3L	5233458	5250933
CH322-86K06	CHORI-322	2L	3091614	3113063
CH322-86K10	CHORI-322	X	4441469	4462499
CH322-86K11	CHORI-322	2L	15051975	15073941
CH322-86K12	CHORI-322	3L	17657636	17674688
CH322-86K13	CHORI-322	2R	19048874	19069191
CH322-86K14	CHORI-322	X	10553167	10571875
CH322-86K15	CHORI-322	X	3611756	3629904
CH322-86K19	CHORI-322	3L	3709110	3731889
CH322-86K20	CHORI-322	2L	19011067	19029109
CH322-86K21	CHORI-322	3R	13567196	13587562
CH322-86K22	CHORI-322	3R	16245816	16265493
CH322-86K24	CHORI-322	3R	16338291	16358600
CH322-86L01	CHORI-322	3R	9680553	9700331
CH322-86L02	CHORI-322	3L	17970369	17990465
CH322-86L03	CHORI-322	2L	19483302	19504016
CH322-86L04	CHORI-322	2R	16971709	16992073
CH322-86L06	CHORI-322	2L	6932992	6954324
CH322-86L07	CHORI-322	2R	11165951	11185494
CH322-86L08	CHORI-322	2L	5746918	5764405
CH322-86L09	CHORI-322	2L	10103012	10125401
CH322-86L12	CHORI-322	2L	3133080	3151654
CH322-86L13	CHORI-322	3R	12011506	12029018
CH322-86L14	CHORI-322	2R	12865114	12885681
CH322-86L15	CHORI-322	2R	13822117	13843348
CH322-86L16	CHORI-322	2L	10544906	10564601
CH322-86L17	CHORI-322	2R	1562921	1584049

CH322-86L18	CHORI-322	2R	14450678	14474125
CH322-86L19	CHORI-322	3R	19212866	19233679
CH322-86L20	CHORI-322	2L	11393691	11412241
CH322-86L21	CHORI-322	2R	14564133	14586950
CH322-86L22	CHORI-322	2L	5783592	5802800
CH322-86L23	CHORI-322	3L	7293030	7317039
CH322-86L24	CHORI-322	3L	17481712	17504103
CH322-86M01	CHORI-322	2L	19778814	19797644
CH322-86M03	CHORI-322	3R	7820928	7843337
CH322-86M05	CHORI-322	X	20896719	20916425
CH322-86M06	CHORI-322	3L	22915585	22932667
CH322-86M07	CHORI-322	3R	3692834	3713939
CH322-86M08	CHORI-322	X	3164302	3184594
CH322-86M09	CHORI-322	X	13713842	13735249
CH322-86M10	CHORI-322	2R	18175650	18193461
CH322-86M11	CHORI-322	2R	19339552	19358213
CH322-86M12	CHORI-322	3L	8451767	8473157
CH322-86M13	CHORI-322	3R	11371308	11389426
CH322-86M14	CHORI-322	3R	10823301	10844392
CH322-86M15	CHORI-322	2R	19002318	19022252
CH322-86M16	CHORI-322	3R	1820746	1841754
CH322-86M18	CHORI-322	2R	17423796	17446129
CH322-86M22	CHORI-322	3L	4421613	4442520
CH322-86M23	CHORI-322	3L	7772573	7796451
CH322-86M24	CHORI-322	3L	17918197	17937119
CH322-86N01	CHORI-322	3R	10805103	10826217
CH322-86N03	CHORI-322	3R	21189433	21208224
CH322-86N04	CHORI-322	X	4815258	4836030
CH322-86N05	CHORI-322	3L	8783299	8801691
CH322-86N07	CHORI-322	X	19957407	19979231
CH322-86N09	CHORI-322	3L	14049006	14067180
CH322-86N10	CHORI-322	3R	20852560	20871385
CH322-86N11	CHORI-322	3L	21922106	21941024
CH322-86N12	CHORI-322	2R	4924644	4946327
CH322-86N14	CHORI-322	2R	9466015	9484918
CH322-86N17	CHORI-322	X	12375742	12393233
CH322-86N18	CHORI-322	3R	4897723	4917144
CH322-86N19	CHORI-322	3L	16037203	16056522
CH322-86N21	CHORI-322	3R	16929876	16947315
CH322-86N22	CHORI-322	2R	20479165	20500597
CH322-86N23	CHORI-322	2R	3520383	3539707
CH322-86N24	CHORI-322	3R	23200527	23221421
CH322-86O01	CHORI-322	3L	15019388	15036320
CH322-86O02	CHORI-322	X	17059437	17077977
CH322-86O03	CHORI-322	3R	21865517	21887101
CH322-86O04	CHORI-322	3L	8164231	8185959
CH322-86O05	CHORI-322	2L	13864870	13884558
CH322-86O06	CHORI-322	3L	13487624	13511765
CH322-86O08	CHORI-322	3L	12800830	12820471
CH322-86O09	CHORI-322	4	248038	267721
CH322-86O10	CHORI-322	3R	26774425	26792110
CH322-86O11	CHORI-322	3L	3415865	3434905
CH322-86O12	CHORI-322	X	14624134	14641531
CH322-86O13	CHORI-322	2R	3540188	3559026

CH322-86O14	CHORI-322	3L	18942253	18964998
CH322-86O15	CHORI-322	3L	13566850	13589397
CH322-86O16	CHORI-322	2R	2780273	2797297
CH322-86O17	CHORI-322	X	12123698	12147219
CH322-86O18	CHORI-322	2L	19269141	19289629
CH322-86O19	CHORI-322	X	7517754	7538596
CH322-86O20	CHORI-322	3R	18828373	18846857
CH322-86O22	CHORI-322	3L	9787891	9809106
CH322-86P01	CHORI-322	X	6559761	6577477
CH322-86P05	CHORI-322	2L	3523851	3545745
CH322-86P06	CHORI-322	2R	19826822	19843697
CH322-86P07	CHORI-322	2L	12831782	12852557
CH322-86P08	CHORI-322	X	5960922	5981654
CH322-86P10	CHORI-322	2L	5501114	5521257
CH322-86P11	CHORI-322	2L	5669134	5689732
CH322-86P13	CHORI-322	2L	12454988	12477663
CH322-86P14	CHORI-322	X	13838925	13861963
CH322-86P16	CHORI-322	X	18048012	18065619
CH322-86P17	CHORI-322	X	20481062	20504602
CH322-86P19	CHORI-322	2L	10014441	10035941
CH322-86P20	CHORI-322	3R	7147346	7167029
CH322-86P21	CHORI-322	2R	7936187	7956896
CH322-86P22	CHORI-322	2R	21066439	21083114
CH322-87A05	CHORI-322	2L	12136855	12157140
CH322-87C10	CHORI-322	3R	15860906	15883967
CH322-87C11	CHORI-322	3L	17985599	18003179
CH322-87C14	CHORI-322	3R	13132715	13153334
CH322-87H06	CHORI-322	X	1431703	1452720
CH322-87I04	CHORI-322	3L	9700226	9723605
CH322-87K23	CHORI-322	3R	25502878	25521749
CH322-88I17	CHORI-322	3L	14872635	14893139
CH322-88J08	CHORI-322	3L	7872545	7891268
CH322-88K16	CHORI-322	X	17610471	17631381
CH322-89A02	CHORI-322	3R	3133297	3153660
CH322-89A05	CHORI-322	3L	10790249	10810693
CH322-89A06	CHORI-322	2R	13519253	13539047
CH322-89A07	CHORI-322	X	8697775	8717622
CH322-89A09	CHORI-322	3L	6785735	6805541
CH322-89A11	CHORI-322	3R	6159541	6178694
CH322-89A12	CHORI-322	2L	16912136	16932788
CH322-89A14	CHORI-322	X	6805047	6822888
CH322-89A15	CHORI-322	3L	4706156	4725327
CH322-89A17	CHORI-322	3L	22145069	22165639
CH322-89A19	CHORI-322	4	626594	643052
CH322-89A20	CHORI-322	2L	1280496	1299981
CH322-89A22	CHORI-322	2L	2463644	2482884
CH322-89B01	CHORI-322	2L	14053458	14072261
CH322-89B02	CHORI-322	3L	3906715	3930321
CH322-89B04	CHORI-322	4	249769	269390
CH322-89B05	CHORI-322	2L	16937192	16958144
CH322-89B07	CHORI-322	2R	14594739	14618021
CH322-89B08	CHORI-322	3L	564777	582508
CH322-89B09	CHORI-322	2L	246358	269380
CH322-89B10	CHORI-322	3L	14073744	14094699

CH322-89B13	CHORI-322	2R	19701214	19721333
CH322-89B14	CHORI-322	2R	11475411	11498861
CH322-89B16	CHORI-322	2L	14890567	14912900
CH322-89B17	CHORI-322	3L	5207719	5228942
CH322-89B18	CHORI-322	3R	10785048	10807120
CH322-89B19	CHORI-322	2R	4148568	4168197
CH322-89B21	CHORI-322	X	11696991	11717710
CH322-89B22	CHORI-322	3L	14738098	14760657
CH322-89B23	CHORI-322	2L	1519377	1540598
CH322-89B24	CHORI-322	3R	7758433	7778606
CH322-89C01	CHORI-322	2L	4238877	4256210
CH322-89C02	CHORI-322	3L	21173226	21191123
CH322-89C05	CHORI-322	3R	2534020	2553058
CH322-89C06	CHORI-322	3R	3702394	3721958
CH322-89C11	CHORI-322	X	51001	69970
CH322-89C13	CHORI-322	X	8068307	8091712
CH322-89C17	CHORI-322	3R	25892734	25913144
CH322-89C18	CHORI-322	X	16756860	16777440
CH322-89C20	CHORI-322	3R	870369	888238
CH322-89C21	CHORI-322	3L	22113039	22132902
CH322-89C22	CHORI-322	2L	5282521	5305532
CH322-89D01	CHORI-322	2L	15175967	15194829
CH322-89D04	CHORI-322	3L	1643125	1662449
CH322-89D05	CHORI-322	3R	25773589	25791607
CH322-89D07	CHORI-322	3R	9102203	9122750
CH322-89D08	CHORI-322	3R	21189451	21209539
CH322-89D21	CHORI-322	3L	4831569	4854826
CH322-89D22	CHORI-322	3R	15632646	15650551
CH322-89D24	CHORI-322	3L	12943496	12966096
CH322-89E01	CHORI-322	2L	17686638	17709706
CH322-89E02	CHORI-322	3L	2870390	2891112
CH322-89E03	CHORI-322	2L	7662234	7682263
CH322-89E04	CHORI-322	X	9512329	9530043
CH322-89E05	CHORI-322	3L	13928749	13950032
CH322-89E06	CHORI-322	2R	15880099	15902197
CH322-89E07	CHORI-322	3L	5669532	5690111
CH322-89E08	CHORI-322	3R	14328550	14349314
CH322-89E09	CHORI-322	2R	18379279	18402954
CH322-89E12	CHORI-322	2L	7637233	7656326
CH322-89E13	CHORI-322	3L	2896376	2915178
CH322-89E19	CHORI-322	X	14750220	14770454
CH322-89E21	CHORI-322	2R	5646316	5667247
CH322-89E22	CHORI-322	2L	14886720	14907507
CH322-89E23	CHORI-322	3L	6318923	6340805
CH322-89E24	CHORI-322	2R	4060848	4081011
CH322-89F02	CHORI-322	2R	17324131	17344201
CH322-89F03	CHORI-322	X	5027369	5047468
CH322-89F04	CHORI-322	2L	11760291	11780742
CH322-89F05	CHORI-322	3L	7985180	8005428
CH322-89F06	CHORI-322	2L	19596681	19619790
CH322-89F09	CHORI-322	2R	18072106	18096285
CH322-89F10	CHORI-322	3R	7633415	7653589
CH322-89F17	CHORI-322	2R	5262526	5279951
CH322-89F18	CHORI-322	X	188141	207377

CH322-89F19	CHORI-322	3L	17423147	17443293
CH322-89F21	CHORI-322	3R	19731333	19752911
CH322-89F22	CHORI-322	3L	10384851	10408059
CH322-89F23	CHORI-322	3L	18010836	18031407
CH322-89F24	CHORI-322	2L	656308	675614
CH322-89G01	CHORI-322	2L	8193214	8213356
CH322-89G03	CHORI-322	3L	19600586	19620692
CH322-89G07	CHORI-322	2R	12435653	12455375
CH322-89G10	CHORI-322	2L	15937839	15958868
CH322-89G11	CHORI-322	3R	16299779	16323602
CH322-89G12	CHORI-322	2R	4064077	4085413
CH322-89G18	CHORI-322	2L	19933263	19952847
CH322-89G21	CHORI-322	3L	3904449	3927338
CH322-89G23	CHORI-322	X	13311357	13334172
CH322-89G24	CHORI-322	3L	10257143	10275487
CH322-89H01	CHORI-322	3L	12618928	12639345
CH322-89H03	CHORI-322	2R	15167389	15188284
CH322-89H04	CHORI-322	X	21856016	21877815
CH322-89H05	CHORI-322	3R	4905478	4927421
CH322-89H06	CHORI-322	2R	3677969	3699630
CH322-89H11	CHORI-322	2R	17315866	17336369
CH322-89H12	CHORI-322	3L	8793592	8814370
CH322-89H15	CHORI-322	2R	14797711	14817527
CH322-89H17	CHORI-322	2R	1724092	1744923
CH322-89H18	CHORI-322	3L	6536451	6553642
CH322-89H21	CHORI-322	2L	2010744	2028314
CH322-89H22	CHORI-322	3L	15524162	15544248
CH322-89H24	CHORI-322	3L	12311555	12329636
CH322-89I04	CHORI-322	2R	7590411	7611102
CH322-89I05	CHORI-322	3L	15832906	15852452
CH322-89I06	CHORI-322	2L	15980003	16002176
CH322-89I07	CHORI-322	3R	13480541	13499018
CH322-89I09	CHORI-322	2L	369893	390649
CH322-89I11	CHORI-322	3L	7417887	7436652
CH322-89I12	CHORI-322	X	4262912	4283288
CH322-89I15	CHORI-322	3R	18520175	18542894
CH322-89I18	CHORI-322	3L	2414413	2436122
CH322-89J01	CHORI-322	3L	3254915	3275911
CH322-89J02	CHORI-322	X	3854074	3877107
CH322-89J05	CHORI-322	3R	24796010	24816271
CH322-89J07	CHORI-322	X	12417818	12439556
CH322-89J09	CHORI-322	2R	8779491	8796837
CH322-89J10	CHORI-322	2L	2652449	2673253
CH322-89J16	CHORI-322	2R	20207757	20227592
CH322-89J17	CHORI-322	3L	14353899	14373559
CH322-89J23	CHORI-322	X	19522620	19542696
CH322-89K01	CHORI-322	3L	20701437	20720453
CH322-89K05	CHORI-322	X	13030614	13051974
CH322-89K08	CHORI-322	2R	12903345	12923376
CH322-89K15	CHORI-322	ArmU	584778	605157
CH322-89K17	CHORI-322	3R	17784555	17803930
CH322-89K18	CHORI-322	2L	21314788	21335187
CH322-89K20	CHORI-322	2L	21959063	21979471
CH322-89K22	CHORI-322	X	16020392	16040211

CH322-89K23	CHORI-322	3L	15866091	15883445
CH322-89K24	CHORI-322	X	1045271	1069301
CH322-89L02	CHORI-322	X	17609841	17629264
CH322-89L04	CHORI-322	3L	10164583	10185575
CH322-89L05	CHORI-322	3R	17379461	17400456
CH322-89L06	CHORI-322	3R	8167481	8185685
CH322-89L07	CHORI-322	4	666041	689431
CH322-89L09	CHORI-322	X	8673286	8693834
CH322-89L15	CHORI-322	3L	3961949	3980224
CH322-89L18	CHORI-322	3L	18719224	18738106
CH322-89L19	CHORI-322	2L	5497610	5518798
CH322-89L21	CHORI-322	2L	6232800	6254073
CH322-89L22	CHORI-322	2L	22174760	22193794
CH322-89L23	CHORI-322	3R	25471831	25491464
CH322-89L24	CHORI-322	3R	16326662	16349547
CH322-89M02	CHORI-322	2R	14423051	14441835
CH322-89M05	CHORI-322	2L	11828691	11847402
CH322-89M06	CHORI-322	2L	8791181	8809095
CH322-89M09	CHORI-322	3R	18823126	18841200
CH322-89M10	CHORI-322	2L	6308375	6329721
CH322-89M11	CHORI-322	3L	686125	707275
CH322-89M13	CHORI-322	2R	18035736	18055545
CH322-89M14	CHORI-322	3R	9464091	9481346
CH322-89M16	CHORI-322	X	5225426	5246826
CH322-89M17	CHORI-322	3L	10508780	10528465
CH322-89M18	CHORI-322	2L	5765280	5786533
CH322-89M19	CHORI-322	2R	4615632	4635116
CH322-89M21	CHORI-322	3L	8560359	8581758
CH322-89N01	CHORI-322	2L	13674083	13694518
CH322-89N02	CHORI-322	2R	12363578	12384504
CH322-89N04	CHORI-322	3R	15713516	15736290
CH322-89N05	CHORI-322	X	2085756	2104445
CH322-89N06	CHORI-322	2R	15506267	15524171
CH322-89N07	CHORI-322	2L	17947321	17968972
CH322-89N08	CHORI-322	2L	2063045	2083379
CH322-89N09	CHORI-322	2R	16833295	16852886
CH322-89N11	CHORI-322	3R	27011632	27031621
CH322-89N13	CHORI-322	2R	6211866	6233360
CH322-89N15	CHORI-322	2R	9518926	9538915
CH322-89N17	CHORI-322	2L	11232274	11255900
CH322-89N19	CHORI-322	2L	11626881	11645965
CH322-89N20	CHORI-322	2L	18275367	18296355
CH322-89N22	CHORI-322	X	2175743	2199450
CH322-89N24	CHORI-322	3R	16539615	16562129
CH322-89O02	CHORI-322	X	14707258	14727330
CH322-89O03	CHORI-322	3R	4505759	4525526
CH322-89O04	CHORI-322	2R	10947512	10967285
CH322-89O05	CHORI-322	3L	6005946	6023662
CH322-89O08	CHORI-322	3R	4255926	4277529
CH322-89O09	CHORI-322	3L	6764407	6785841
CH322-89O12	CHORI-322	2R	14339862	14363515
CH322-89O13	CHORI-322	3L	16330248	16348702
CH322-89O16	CHORI-322	2L	19225698	19249047
CH322-89O17	CHORI-322	3L	6487934	6509247

CH322-89O18	CHORI-322	3L	10091511	10110866
CH322-89O19	CHORI-322	3L	12966196	12985989
CH322-89O20	CHORI-322	3R	27864640	27883720
CH322-89O21	CHORI-322	2R	839651	859157
CH322-89O22	CHORI-322	2R	9492748	9513372
CH322-89O23	CHORI-322	3L	10125036	10145116
CH322-89P01	CHORI-322	2L	17673743	17695239
CH322-89P02	CHORI-322	3L	21989571	22009816
CH322-89P03	CHORI-322	2L	5570480	5591075
CH322-89P05	CHORI-322	2L	4851720	4872198
CH322-89P06	CHORI-322	X	14969974	14992085
CH322-89P07	CHORI-322	2L	12465357	12486113
CH322-89P08	CHORI-322	3R	9953496	9976205
CH322-89P11	CHORI-322	3R	18976268	18997802
CH322-89P13	CHORI-322	2L	660301	679307
CH322-89P15	CHORI-322	3L	13248187	13270153
CH322-89P16	CHORI-322	2R	16773731	16794213
CH322-89P17	CHORI-322	3L	7081798	7101218
CH322-89P18	CHORI-322	3R	3215929	3235857
CH322-89P19	CHORI-322	3R	12100723	12121719
CH322-89P20	CHORI-322	3L	20438060	20458382
CH322-89P21	CHORI-322	3L	10480530	10497858
CH322-89P22	CHORI-322	3L	7296077	7318249
CH322-89P23	CHORI-322	X	13819149	13838908
CH322-90A11	CHORI-322	2L	9601493	9622098
CH322-90A14	CHORI-322	X	3610676	3632797
CH322-90A15	CHORI-322	3R	21219609	21241941
CH322-90A18	CHORI-322	2L	7380180	7399776
CH322-90B05	CHORI-322	2L	1611887	1631946
CH322-90B08	CHORI-322	2R	9927144	9945278
CH322-90B09	CHORI-322	3R	24758336	24777565
CH322-90B11	CHORI-322	3L	7028793	7048368
CH322-90B12	CHORI-322	2L	21090628	21112212
CH322-90B13	CHORI-322	3R	5998523	6020794
CH322-90B15	CHORI-322	2L	21844110	21866716
CH322-90B16	CHORI-322	2L	20981591	21000950
CH322-90B17	CHORI-322	X	7999706	8020541
CH322-90B18	CHORI-322	2L	8785955	8806054
CH322-90B19	CHORI-322	3L	1360513	1380176
CH322-90C03	CHORI-322	3L	3117368	3139250
CH322-90C04	CHORI-322	2L	17568931	17589018
CH322-90C05	CHORI-322	2R	13430278	13451509
CH322-90C08	CHORI-322	3R	22589560	22609573
CH322-90C09	CHORI-322	2L	291028	311196
CH322-90C11	CHORI-322	2L	8574486	8593901
CH322-90C12	CHORI-322	3L	7276831	7296581
CH322-90C14	CHORI-322	2R	12322744	12343674
CH322-90C16	CHORI-322	2R	12557504	12580046
CH322-90C17	CHORI-322	3L	13317549	13335793
CH322-90C18	CHORI-322	2R	7387337	7409504
CH322-90C19	CHORI-322	2L	3124398	3146651
CH322-90C20	CHORI-322	3R	3733681	3752982
CH322-90C21	CHORI-322	3R	15499727	15520842
CH322-90C22	CHORI-322	2L	16507074	16529628

CH322-90D04	CHORI-322	2R	18253547	18272621
CH322-90D05	CHORI-322	3L	11434055	11457307
CH322-90D07	CHORI-322	3L	3488211	3508382
CH322-90D09	CHORI-322	2L	20862494	20882352
CH322-90D10	CHORI-322	2R	5395956	5415662
CH322-90D11	CHORI-322	2R	14084915	14105756
CH322-90D12	CHORI-322	2R	18207541	18225554
CH322-90D13	CHORI-322	2RHet	10892	30260
CH322-90D14	CHORI-322	X	21855984	21876204
CH322-90D15	CHORI-322	3R	9129976	9150159
CH322-90D16	CHORI-322	3L	5205099	5228834
CH322-90D17	CHORI-322	3R	18165577	18188486
CH322-90D18	CHORI-322	2R	16287835	16311013
CH322-90D19	CHORI-322	2R	5590517	5608545
CH322-90D20	CHORI-322	2L	6390918	6413212
CH322-90D21	CHORI-322	3R	26518109	26541447
CH322-90D22	CHORI-322	3R	26892242	26911019
CH322-90E03	CHORI-322	X	5370983	5389561
CH322-90E04	CHORI-322	2L	3569822	3589532
CH322-90E05	CHORI-322	2L	11346883	11366500
CH322-90E06	CHORI-322	X	10488038	10510695
CH322-90E07	CHORI-322	3R	20869961	20894187
CH322-90E08	CHORI-322	3R	3221127	3240163
CH322-90E09	CHORI-322	2L	20237035	20256181
CH322-90E10	CHORI-322	X	5957571	5979227
CH322-90E11	CHORI-322	3R	25411918	25431584
CH322-90E13	CHORI-322	2L	1825756	1847786
CH322-90E16	CHORI-322	3R	27408226	27427329
CH322-90E17	CHORI-322	2L	14049769	14067260
CH322-90E19	CHORI-322	2L	10582331	10604857
CH322-90E20	CHORI-322	3R	16966031	16985082
CH322-90E22	CHORI-322	X	18353378	18377057
CH322-90E23	CHORI-322	X	14575200	14597431
CH322-90F01	CHORI-322	3L	13203878	13225599
CH322-90F02	CHORI-322	2R	15929834	15949800
CH322-90F03	CHORI-322	2L	2522792	2544152
CH322-90F04	CHORI-322	3L	7391489	7414196
CH322-90F06	CHORI-322	2R	14494881	14513295
CH322-90F08	CHORI-322	2L	3405527	3424973
CH322-90F12	CHORI-322	2RHet	456142	474003
CH322-90F13	CHORI-322	2L	3125044	3145669
CH322-90F14	CHORI-322	2R	6637890	6658554
CH322-90F15	CHORI-322	2R	8591878	8609953
CH322-90F18	CHORI-322	X	5005048	5026210
CH322-90F20	CHORI-322	2L	13074637	13096794
CH322-90F21	CHORI-322	2R	18090133	18111430
CH322-90F23	CHORI-322	3L	19090654	19110329
CH322-90G03	CHORI-322	3L	2022847	2041108
CH322-90G04	CHORI-322	2R	2785322	2804307
CH322-90G05	CHORI-322	2R	5785208	5805764
CH322-90G08	CHORI-322	3R	19412099	19431292
CH322-90G09	CHORI-322	2R	8561628	8581746
CH322-90G11	CHORI-322	3L	9797875	9816956
CH322-90G12	CHORI-322	2R	14582685	14604629

CH322-90G13	CHORI-322	X	15590582	15609718
CH322-90G15	CHORI-322	2L	14776825	14795996
CH322-90G17	CHORI-322	2L	6796546	6816778
CH322-90G20	CHORI-322	3R	7081816	7103418
CH322-90G21	CHORI-322	2L	2522788	2542762
CH322-90G22	CHORI-322	2L	22685375	22703867
CH322-90H02	CHORI-322	X	2004714	2026115
CH322-90H03	CHORI-322	2R	15396376	15415835
CH322-90H04	CHORI-322	2R	19664108	19681970
CH322-90H05	CHORI-322	3R	23868138	23889963
CH322-90H06	CHORI-322	3L	12859616	12880156
CH322-90H07	CHORI-322	2L	2260768	2281146
CH322-90H08	CHORI-322	3LHet	1619490	1638052
CH322-90H12	CHORI-322	3R	18794591	18815338
CH322-90H15	CHORI-322	3R	26451384	26471198
CH322-90H16	CHORI-322	X	885135	908282
CH322-90H19	CHORI-322	3L	21698639	21720613
CH322-90H20	CHORI-322	3L	19188907	19208620
CH322-90H22	CHORI-322	3L	15530184	15553070
CH322-90H23	CHORI-322	3R	13942858	13965747
CH322-90I02	CHORI-322	2R	9523670	9541920
CH322-90I04	CHORI-322	2L	154733	171383
CH322-90I06	CHORI-322	3R	4508630	4527571
CH322-90I07	CHORI-322	3R	6596772	6614222
CH322-90I08	CHORI-322	3R	19478491	19499975
CH322-90I09	CHORI-322	3L	14407796	14428529
CH322-90I10	CHORI-322	X	8940672	8963430
CH322-90I11	CHORI-322	2L	1280901	1299628
CH322-90I12	CHORI-322	2L	17648690	17666641
CH322-90I14	CHORI-322	3R	23833098	23852805
CH322-90I15	CHORI-322	3L	7245218	7268386
CH322-90I16	CHORI-322	2L	2311676	2332791
CH322-90I18	CHORI-322	2L	3230884	3250837
CH322-90I20	CHORI-322	2L	13032229	13052743
CH322-90I22	CHORI-322	2R	5156563	5174407
CH322-90I23	CHORI-322	2L	19011262	19032758
CH322-90I24	CHORI-322	X	5306556	5325598
CH322-90J02	CHORI-322	2R	15716100	15736331
CH322-90J03	CHORI-322	X	19680841	19700040
CH322-90J05	CHORI-322	2R	3177065	3196817
CH322-90J07	CHORI-322	3R	13077027	13099585
CH322-90J08	CHORI-322	2R	17835220	17855375
CH322-90J10	CHORI-322	X	4134143	4154135
CH322-90J12	CHORI-322	2R	4178453	4196584
CH322-90J13	CHORI-322	X	15747392	15768821
CH322-90J14	CHORI-322	2L	6233322	6250824
CH322-90J16	CHORI-322	2R	7685288	7706181
CH322-90J17	CHORI-322	2R	11250429	11270800
CH322-90J19	CHORI-322	2L	22290056	22309476
CH322-90K01	CHORI-322	X	2647041	2666509
CH322-90K03	CHORI-322	2R	12696152	12713466
CH322-90K04	CHORI-322	3R	7573406	7595418
CH322-90K05	CHORI-322	3R	23317873	23340673
CH322-90K08	CHORI-322	3L	2502618	2525012

CH322-90K09	CHORI-322	2R	2536637	2561392
CH322-90K11	CHORI-322	3R	2860646	2883401
CH322-90K12	CHORI-322	2R	17297944	17315869
CH322-90K13	CHORI-322	3R	13979020	13997447
CH322-90K15	CHORI-322	2L	3088008	3104303
CH322-90K16	CHORI-322	3L	17893738	17911694
CH322-90K20	CHORI-322	2R	3741577	3761949
CH322-90L02	CHORI-322	2L	14298987	14321117
CH322-90L03	CHORI-322	3L	2137864	2158747
CH322-90L06	CHORI-322	X	12985878	13006926
CH322-90L07	CHORI-322	2R	16559519	16580182
CH322-90L08	CHORI-322	3R	27426316	27445850
CH322-90L09	CHORI-322	3L	21731550	21751688
CH322-90L11	CHORI-322	2R	10986646	11005191
CH322-90L13	CHORI-322	3R	26383805	26405007
CH322-90L14	CHORI-322	2R	19165280	19185115
CH322-90L15	CHORI-322	3R	23187359	23210880
CH322-90L17	CHORI-322	X	9264081	9284499
CH322-90L19	CHORI-322	X	15312901	15332593
CH322-90L20	CHORI-322	3R	23658482	23677718
CH322-90M01	CHORI-322	X	12191242	12210534
CH322-90M02	CHORI-322	2L	8465357	8485943
CH322-90M03	CHORI-322	2L	1659699	1679134
CH322-90M05	CHORI-322	3R	1318560	1337575
CH322-90M11	CHORI-322	3R	16365215	16385079
CH322-90M14	CHORI-322	2R	6649374	6668339
CH322-90M16	CHORI-322	3L	2833008	2853228
CH322-90M17	CHORI-322	X	15793619	15814329
CH322-90M18	CHORI-322	3L	24046005	24068777
CH322-90M21	CHORI-322	3R	19975256	19993606
CH322-90M22	CHORI-322	X	5155316	5175632
CH322-90N03	CHORI-322	3R	5100432	5120470
CH322-90N05	CHORI-322	2L	11240866	11258516
CH322-90N08	CHORI-322	3R	10904370	10925953
CH322-90N09	CHORI-322	3R	15471542	15493343
CH322-90N11	CHORI-322	2R	20690335	20713413
CH322-90N13	CHORI-322	3L	5668053	5687957
CH322-90N14	CHORI-322	2R	11652444	11676624
CH322-90N15	CHORI-322	3L	12666360	12684422
CH322-90N17	CHORI-322	3L	15167258	15189354
CH322-90N18	CHORI-322	2RHet	1716937	1734696
CH322-90O04	CHORI-322	2R	13972348	13995566
CH322-90O06	CHORI-322	2L	20000557	20021507
CH322-90O08	CHORI-322	3L	19204805	19224992
CH322-90O12	CHORI-322	2R	6987885	7006876
CH322-90O13	CHORI-322	3L	22013030	22031277
CH322-90O15	CHORI-322	3R	12623627	12642311
CH322-90O16	CHORI-322	2L	486589	507331
CH322-90O19	CHORI-322	3L	20312744	20333472
CH322-90P14	CHORI-322	3R	5887744	5907121
CH322-90P15	CHORI-322	2R	4639629	4660521
CH322-91A01	CHORI-322	3L	17655363	17676731
CH322-91A02	CHORI-322	2L	2254324	2276060
CH322-91A05	CHORI-322	2R	1888317	1908844

CH322-91A07	CHORI-322	3R	3576077	3596472
CH322-91A08	CHORI-322	2R	20093336	20115353
CH322-91A09	CHORI-322	2R	16291397	16311013
CH322-91A11	CHORI-322	2L	20335784	20358899
CH322-91A12	CHORI-322	2RHet	928063	949891
CH322-91A14	CHORI-322	3L	12329735	12350578
CH322-91A16	CHORI-322	2RHet	2809469	2825416
CH322-91A17	CHORI-322	2R	14935371	14955640
CH322-91A20	CHORI-322	2L	16619063	16637836
CH322-91A21	CHORI-322	3L	17734465	17753135
CH322-91B03	CHORI-322	3L	5192529	5209951
CH322-91B04	CHORI-322	3R	8974803	8994966
CH322-91B05	CHORI-322	X	1070314	1091029
CH322-91B06	CHORI-322	3R	20417898	20437847
CH322-91B11	CHORI-322	3L	14088407	14105616
CH322-91B12	CHORI-322	3R	3313475	3333534
CH322-91B14	CHORI-322	X	16750433	16770067
CH322-91B15	CHORI-322	3L	12309540	12333357
CH322-91B16	CHORI-322	X	12587611	12605071
CH322-91B17	CHORI-322	3R	23958808	23981994
CH322-91B18	CHORI-322	2R	9345330	9364391
CH322-91B19	CHORI-322	3R	17913336	17933177
CH322-91B20	CHORI-322	2R	13597366	13615721
CH322-91C01	CHORI-322	3R	18852556	18871607
CH322-91C02	CHORI-322	2L	8858032	8878908
CH322-91C04	CHORI-322	3R	10266903	10286430
CH322-91C05	CHORI-322	2R	15206873	15224757
CH322-91C06	CHORI-322	3L	12304807	12327545
CH322-91C08	CHORI-322	2L	5239153	5262508
CH322-91C10	CHORI-322	3R	24598272	24616410
CH322-91C11	CHORI-322	3L	16959310	16980481
CH322-91C15	CHORI-322	3R	12181067	12201798
CH322-91C17	CHORI-322	3R	6564890	6583029
CH322-91C19	CHORI-322	3R	3211254	3232858
CH322-91C20	CHORI-322	3R	8698342	8717905
CH322-91C22	CHORI-322	3R	9538322	9559652
CH322-91C23	CHORI-322	2R	5775663	5799254
CH322-91D01	CHORI-322	2L	14893096	14912376
CH322-91D02	CHORI-322	2R	5384511	5406580
CH322-91D03	CHORI-322	3R	16100141	16121714
CH322-91D06	CHORI-322	3R	22715692	22733334
CH322-91D07	CHORI-322	3R	8836625	8855092
CH322-91D08	CHORI-322	3L	19361873	19381106
CH322-91D09	CHORI-322	3L	5590656	5613041
CH322-91D10	CHORI-322	2L	16659721	16682867
CH322-91D12	CHORI-322	3R	10106832	10127557
CH322-91D13	CHORI-322	2L	17223604	17243532
CH322-91D14	CHORI-322	2R	1946828	1965094
CH322-91D15	CHORI-322	3R	5842545	5863810
CH322-91D17	CHORI-322	2L	2826132	2847993
CH322-91D22	CHORI-322	X	3895990	3916215
CH322-91D23	CHORI-322	2R	5667244	5687602
CH322-91E01	CHORI-322	3R	24837284	24856965
CH322-91E02	CHORI-322	3R	25195229	25216219

CH322-91E03	CHORI-322	2L	9508576	9529904
CH322-91E04	CHORI-322	3L	7087429	7107798
CH322-91E05	CHORI-322	X	9255624	9277005
CH322-91E06	CHORI-322	2L	6977290	7001178
CH322-91E08	CHORI-322	3R	16539415	16559640
CH322-91E09	CHORI-322	3L	20740231	20759866
CH322-91E10	CHORI-322	X	7325556	7344490
CH322-91E11	CHORI-322	2L	6128997	6150152
CH322-91E12	CHORI-322	3L	330433	350125
CH322-91E13	CHORI-322	X	16872527	16895809
CH322-91E14	CHORI-322	3L	2577009	2597420
CH322-91E15	CHORI-322	2R	17054727	17074508
CH322-91E16	CHORI-322	3L	15184244	15206587
CH322-91E17	CHORI-322	2RHet	196708	217391
CH322-91E20	CHORI-322	2L	10213194	10232624
CH322-91E24	CHORI-322	3R	18637913	18655142
CH322-91F01	CHORI-322	3L	2793529	2815756
CH322-91F02	CHORI-322	2R	13337191	13358256
CH322-91F06	CHORI-322	3R	16436143	16457547
CH322-91F07	CHORI-322	X	11861534	11881699
CH322-91F08	CHORI-322	3R	22892472	22911923
CH322-91F09	CHORI-322	2L	7004490	7024559
CH322-91F12	CHORI-322	3L	15852449	15871528
CH322-91F13	CHORI-322	3L	5315034	5337890
CH322-91F14	CHORI-322	2R	1186615	1208287
CH322-91F16	CHORI-322	3R	26392420	26410937
CH322-91F17	CHORI-322	2R	11936360	11954918
CH322-91F19	CHORI-322	3L	13274185	13291964
CH322-91F20	CHORI-322	3R	1054311	1078538
CH322-91F22	CHORI-322	3R	9953647	9973370
CH322-91F23	CHORI-322	3R	16405052	16426717
CH322-91F24	CHORI-322	2L	5211296	5230012
CH322-91G01	CHORI-322	2L	2625391	2646150
CH322-91G02	CHORI-322	3R	11190086	11210408
CH322-91G04	CHORI-322	X	9330867	9348732
CH322-91G05	CHORI-322	X	2382552	2404460
CH322-91G06	CHORI-322	X	4915775	4935121
CH322-91G07	CHORI-322	2R	9559540	9582123
CH322-91G08	CHORI-322	3L	7627923	7649651
CH322-91G09	CHORI-322	2R	17574755	17595078
CH322-91G10	CHORI-322	2L	19918276	19937984
CH322-91G12	CHORI-322	2R	13756311	13776896
CH322-91G15	CHORI-322	3R	8025065	8043448
CH322-91G17	CHORI-322	3L	13116157	13136298
CH322-91G19	CHORI-322	3R	26047352	26066414
CH322-91G20	CHORI-322	2R	19940597	19961504
CH322-91G21	CHORI-322	3R	25446962	25468676
CH322-91G22	CHORI-322	3L	17347030	17368625
CH322-91G23	CHORI-322	2R	4748363	4769234
CH322-91H01	CHORI-322	2L	15173058	15194146
CH322-91H05	CHORI-322	2L	19891122	19911562
CH322-91H06	CHORI-322	X	14866043	14884435
CH322-91H07	CHORI-322	3R	14376761	14396028
CH322-91H08	CHORI-322	3L	16229446	16249567

CH322-91H09	CHORI-322	2L	1881268	1903809
CH322-91H12	CHORI-322	3R	23843930	23864362
CH322-91H14	CHORI-322	3L	12036825	12053994
CH322-91H15	CHORI-322	3L	7412606	7432130
CH322-91H16	CHORI-322	2L	17436774	17457398
CH322-91H17	CHORI-322	3L	17442540	17461337
CH322-91H18	CHORI-322	3R	8615152	8635128
CH322-91H21	CHORI-322	3R	20518459	20538601
CH322-91H22	CHORI-322	2L	19622910	19645772
CH322-91H23	CHORI-322	3R	14437714	14457618
CH322-91I01	CHORI-322	3R	14509787	14529999
CH322-91I02	CHORI-322	4	720240	739326
CH322-91I04	CHORI-322	3R	26378999	26397352
CH322-91I05	CHORI-322	2R	19909793	19928019
CH322-91I06	CHORI-322	3R	20211961	20233625
CH322-91I10	CHORI-322	3R	1232270	1253020
CH322-91I12	CHORI-322	3R	21992849	22011989
CH322-91I13	CHORI-322	3L	11243829	11266553
CH322-91I17	CHORI-322	2L	416757	437181
CH322-91I18	CHORI-322	3L	7396523	7414101
CH322-91I20	CHORI-322	3R	9559649	9583305
CH322-91I24	CHORI-322	2L	17311582	17331277
CH322-91J02	CHORI-322	3R	19057986	19079761
CH322-91J03	CHORI-322	3R	27262366	27281338
CH322-91J04	CHORI-322	3R	24747687	24766931
CH322-91J05	CHORI-322	3R	16017572	16034882
CH322-91J06	CHORI-322	2L	10206552	10227610
CH322-91J08	CHORI-322	3R	19882752	19905030
CH322-91J09	CHORI-322	3R	13787202	13807408
CH322-91J11	CHORI-322	X	17883426	17900754
CH322-91J15	CHORI-322	2R	21086004	21107898
CH322-91J19	CHORI-322	ArmU	1993664	2012681
CH322-91J20	CHORI-322	2L	19308952	19331031
CH322-91J22	CHORI-322	2R	11115337	11135026
CH322-91J23	CHORI-322	3R	13003540	13022467
CH322-91K01	CHORI-322	X	3569527	3590140
CH322-91K04	CHORI-322	3R	23537875	23558416
CH322-91K05	CHORI-322	3L	20702632	20722081
CH322-91K06	CHORI-322	X	7037760	7058550
CH322-91K07	CHORI-322	2R	17153171	17176381
CH322-91K08	CHORI-322	2L	5048771	5068279
CH322-91K09	CHORI-322	2R	7511319	7532003
CH322-91K10	CHORI-322	3R	21523540	21543507
CH322-91K12	CHORI-322	3L	7293039	7313641
CH322-91K13	CHORI-322	3L	1172182	1189649
CH322-91K14	CHORI-322	2L	16187246	16203426
CH322-91K15	CHORI-322	2L	12173262	12192769
CH322-91K16	CHORI-322	3L	8445991	8466886
CH322-91K18	CHORI-322	3R	6491458	6512655
CH322-91K19	CHORI-322	3R	14683763	14703084
CH322-91K22	CHORI-322	2L	9825997	9845748
CH322-91K24	CHORI-322	2R	15675401	15695082
CH322-91L02	CHORI-322	2R	16426796	16451378
CH322-91L03	CHORI-322	3R	3121989	3142157

CH322-91L06	CHORI-322	X	4309816	4327658
CH322-91L08	CHORI-322	2L	18916815	18936576
CH322-91L09	CHORI-322	2R	4178453	4196603
CH322-91L10	CHORI-322	2L	172623	190980
CH322-91L11	CHORI-322	3R	24552284	24574082
CH322-91L12	CHORI-322	3L	17337325	17358800
CH322-91L14	CHORI-322	3R	4992456	5010778
CH322-91L15	CHORI-322	2L	19925565	19943491
CH322-91L16	CHORI-322	3L	8668270	8687555
CH322-91L17	CHORI-322	2R	13178199	13199534
CH322-91L18	CHORI-322	2L	8489232	8510461
CH322-91L19	CHORI-322	X	19235089	19252784
CH322-91L22	CHORI-322	3L	7445130	7464009
CH322-91M01	CHORI-322	3L	5141761	5160836
CH322-91M02	CHORI-322	3L	10147953	10168499
CH322-91M03	CHORI-322	X	11557467	11578016
CH322-91M04	CHORI-322	3L	22186342	22203559
CH322-91M07	CHORI-322	X	22054024	22074317
CH322-91M08	CHORI-322	2L	4736695	4757338
CH322-91M10	CHORI-322	3R	16926373	16945368
CH322-91M11	CHORI-322	3L	19191161	19212936
CH322-91M13	CHORI-322	2R	1712279	1731301
CH322-91M14	CHORI-322	3R	15798745	15820439
CH322-91M15	CHORI-322	2L	19490706	19512509
CH322-91M16	CHORI-322	3L	2869415	2890945
CH322-91M17	CHORI-322	3R	19245308	19262750
CH322-91M18	CHORI-322	3R	2663063	2683248
CH322-91M21	CHORI-322	2R	21076982	21096511
CH322-91M22	CHORI-322	3L	2567640	2589398
CH322-91N01	CHORI-322	X	10095486	10118339
CH322-91N04	CHORI-322	3R	24065851	24083746
CH322-91N07	CHORI-322	3L	17285669	17305239
CH322-91N09	CHORI-322	X	8453917	8474556
CH322-91N11	CHORI-322	2R	5502780	5522419
CH322-91N12	CHORI-322	3R	15006351	15026135
CH322-91N13	CHORI-322	2R	3923786	3943261
CH322-91N14	CHORI-322	3R	1881061	1903877
CH322-91N15	CHORI-322	3R	14062240	14080206
CH322-91N16	CHORI-322	3R	26589640	26610458
CH322-91N22	CHORI-322	X	7276148	7299387
CH322-91O02	CHORI-322	3L	5936362	5957743
CH322-91O03	CHORI-322	3L	18257433	18277785
CH322-91O04	CHORI-322	3R	20977461	20998335
CH322-91O05	CHORI-322	3L	4283276	4304365
CH322-91O07	CHORI-322	X	10097106	10114522
CH322-91O08	CHORI-322	X	1433000	1452759
CH322-91O09	CHORI-322	2R	10650458	10671897
CH322-91O12	CHORI-322	3R	23938961	23961824
CH322-91O13	CHORI-322	X	10316513	10336555
CH322-91O14	CHORI-322	X	11107229	11129854
CH322-91O18	CHORI-322	2L	14046499	14065433
CH322-91O19	CHORI-322	3R	27494459	27512260
CH322-91P02	CHORI-322	X	19300668	19320527
CH322-91P05	CHORI-322	2L	99973	122012

CH322-91P06	CHORI-322	2L	9089305	9110806
CH322-91P08	CHORI-322	2R	13861046	13883540
CH322-91P11	CHORI-322	2R	7200483	7221751
CH322-91P14	CHORI-322	3R	27446262	27465214
CH322-91P15	CHORI-322	X	15378829	15399476
CH322-91P17	CHORI-322	3R	22056543	22075072
CH322-91P18	CHORI-322	X	5126696	5150598
CH322-92A04	CHORI-322	3L	11642476	11659417
CH322-92A05	CHORI-322	4	567581	585201
CH322-92A07	CHORI-322	3L	14573204	14591810
CH322-92A09	CHORI-322	2L	9322835	9342217
CH322-92A10	CHORI-322	2R	11285690	11304164
CH322-92A13	CHORI-322	3L	436892	459573
CH322-92A16	CHORI-322	2L	740408	762833
CH322-92A18	CHORI-322	X	1750758	1774789
CH322-92A21	CHORI-322	3R	19642753	19660572
CH322-92B05	CHORI-322	X	12155508	12178217
CH322-92B06	CHORI-322	3R	25826746	25849712
CH322-92B07	CHORI-322	2L	12138661	12156770
CH322-92B08	CHORI-322	3R	23318973	23338455
CH322-92B09	CHORI-322	3L	14030105	14051292
CH322-92B11	CHORI-322	X	18133895	18152880
CH322-92B12	CHORI-322	3L	13325553	13345279
CH322-92B14	CHORI-322	2L	14028723	14047729
CH322-92B18	CHORI-322	2R	17992057	18012849
CH322-92B19	CHORI-322	3R	23745912	23768659
CH322-92C03	CHORI-322	X	5984453	6005229
CH322-92C04	CHORI-322	X	5342762	5362591
CH322-92C06	CHORI-322	3R	14554829	14575955
CH322-92C08	CHORI-322	3R	9897307	9916486
CH322-92C10	CHORI-322	3R	17491411	17510095
CH322-92C11	CHORI-322	2L	4362531	4382211
CH322-92C12	CHORI-322	2L	19186293	19204869
CH322-92C14	CHORI-322	2R	15959668	15978845
CH322-92C15	CHORI-322	X	13676814	13696203
CH322-92C17	CHORI-322	3L	17555224	17574375
CH322-92C19	CHORI-322	2R	5324279	5345497
CH322-92C20	CHORI-322	2R	892280	912736
CH322-92C22	CHORI-322	3R	13269891	13289868
CH322-92D01	CHORI-322	3R	1621772	1644984
CH322-92D02	CHORI-322	3L	21885184	21906165
CH322-92D03	CHORI-322	3L	9121635	9143007
CH322-92D05	CHORI-322	2R	7562958	7582107
CH322-92D08	CHORI-322	3R	14715064	14736713
CH322-92D09	CHORI-322	X	5957606	5977476
CH322-92D10	CHORI-322	2L	11746919	11768579
CH322-92D12	CHORI-322	3L	15044220	15065530
CH322-92D13	CHORI-322	X	16755985	16776496
CH322-92D15	CHORI-322	3L	18641638	18661664
CH322-92D17	CHORI-322	3L	19770750	19790721
CH322-92D18	CHORI-322	2L	3081095	3102615
CH322-92D21	CHORI-322	3L	9698685	9717860
CH322-92D22	CHORI-322	3L	20227768	20248649
CH322-92E02	CHORI-322	3L	13354394	13375869

CH322-92E04	CHORI-322	3L	9499440	9519016
CH322-92E05	CHORI-322	2L	17243829	17264214
CH322-92E06	CHORI-322	X	14454540	14475130
CH322-92E07	CHORI-322	X	6934426	6954063
CH322-92E08	CHORI-322	X	19288512	19311421
CH322-92E12	CHORI-322	3L	16757518	16779690
CH322-92E14	CHORI-322	3R	27342427	27362137
CH322-92E19	CHORI-322	3L	20811346	20829232
CH322-92E24	CHORI-322	X	7898844	7919594
CH322-92F02	CHORI-322	3L	8812256	8830480
CH322-92F04	CHORI-322	3R	21237702	21257877
CH322-92F05	CHORI-322	3R	7757204	7779196
CH322-92F06	CHORI-322	3R	9917982	9937852
CH322-92F07	CHORI-322	3R	9050607	9068986
CH322-92F08	CHORI-322	3R	18793384	18813856
CH322-92F09	CHORI-322	2R	15839955	15857529
CH322-92F18	CHORI-322	2L	21858517	21879390
CH322-92F19	CHORI-322	2L	17088933	17105896
CH322-92F20	CHORI-322	3R	21187427	21208127
CH322-92F22	CHORI-322	3R	5274822	5297000
CH322-92F23	CHORI-322	2R	15736366	15755638
CH322-92G02	CHORI-322	3R	12633754	12654947
CH322-92G08	CHORI-322	3L	16414537	16434475
CH322-92G09	CHORI-322	2L	22600900	22623273
CH322-92G11	CHORI-322	2R	4903794	4925003
CH322-92G12	CHORI-322	3L	500697	517473
CH322-92G17	CHORI-322	2L	18050298	18072032
CH322-92G21	CHORI-322	2L	6632997	6652486
CH322-92G22	CHORI-322	X	18604805	18624883
CH322-92G23	CHORI-322	X	5722719	5745151
CH322-92H03	CHORI-322	3R	5754956	5772885
CH322-92H04	CHORI-322	X	17117686	17140752
CH322-92H06	CHORI-322	3L	2313808	2333430
CH322-92H07	CHORI-322	X	19861644	19883480
CH322-92H09	CHORI-322	3L	15858985	15880150
CH322-92H10	CHORI-322	2L	5340211	5357821
CH322-92H11	CHORI-322	3R	5415915	5434901
CH322-92H12	CHORI-322	X	12542787	12563037
CH322-92H16	CHORI-322	3R	9931343	9952423
CH322-92H17	CHORI-322	3R	20949823	20967653
CH322-92H18	CHORI-322	3R	1500037	1517799
CH322-92H22	CHORI-322	2R	8809172	8829605
CH322-92H23	CHORI-322	2R	8559719	8579395
CH322-92I03	CHORI-322	2R	12363571	12386702
CH322-92I04	CHORI-322	2L	19320056	19339674
CH322-92I05	CHORI-322	X	1092041	1112741
CH322-92I08	CHORI-322	2R	19162573	19179829
CH322-92I09	CHORI-322	2L	10747799	10764488
CH322-92I11	CHORI-322	2R	13808769	13831014
CH322-92I12	CHORI-322	3R	23926789	23944616
CH322-92I13	CHORI-322	2L	10103012	10120675
CH322-92I14	CHORI-322	2R	7404694	7425786
CH322-92J03	CHORI-322	2L	20119727	20136824
CH322-92J06	CHORI-322	2L	2707393	2730844

CH322-92J07	CHORI-322	X	8280365	8299085
CH322-92J08	CHORI-322	3R	16066595	16086044
CH322-92J12	CHORI-322	2L	10434801	10454972
CH322-92J14	CHORI-322	3R	26232591	26253550
CH322-92J17	CHORI-322	3R	20296294	20314927
CH322-92J20	CHORI-322	X	4856944	4876870
CH322-92J21	CHORI-322	2R	19093815	19111450
CH322-92J22	CHORI-322	3R	14838800	14858906
CH322-92K03	CHORI-322	3R	6717617	6737850
CH322-92K05	CHORI-322	3L	2894991	2914998
CH322-92K06	CHORI-322	2L	17779905	17802333
CH322-92K08	CHORI-322	3R	5110907	5130490
CH322-92K09	CHORI-322	3R	10110621	10132456
CH322-92K11	CHORI-322	X	15808594	15828601
CH322-92K14	CHORI-322	2R	10790966	10808315
CH322-92K15	CHORI-322	2R	6858963	6881596
CH322-92K17	CHORI-322	2L	13765154	13785799
CH322-92K19	CHORI-322	X	3082707	3102088
CH322-92K20	CHORI-322	3L	2407879	2428125
CH322-92K22	CHORI-322	2R	6917349	6934696
CH322-92L02	CHORI-322	3R	3397741	3421897
CH322-92L04	CHORI-322	3R	22560669	22580713
CH322-92L05	CHORI-322	X	18511969	18531320
CH322-92L07	CHORI-322	2R	18802629	18824172
CH322-92L08	CHORI-322	2L	3901464	3922542
CH322-92L10	CHORI-322	3L	9505562	9523658
CH322-92L11	CHORI-322	3R	2988609	3008741
CH322-92L12	CHORI-322	3L	414871	436829
CH322-92L15	CHORI-322	3R	11760190	11780344
CH322-92L16	CHORI-322	3L	19927866	19945336
CH322-92L17	CHORI-322	3R	10161584	10180543
CH322-92L19	CHORI-322	2R	13906115	13928742
CH322-92L20	CHORI-322	3L	22345298	22365866
CH322-92L21	CHORI-322	2R	6602505	6626346
CH322-92M01	CHORI-322	X	12213036	12230490
CH322-92M02	CHORI-322	3L	11174418	11196748
CH322-92M04	CHORI-322	3R	1005281	1026203
CH322-92M05	CHORI-322	3R	20422154	20446036
CH322-92M06	CHORI-322	2L	20002265	20023541
CH322-92M07	CHORI-322	3R	16253766	16274288
CH322-92M09	CHORI-322	2L	9069194	9086910
CH322-92M10	CHORI-322	3L	9209541	9228655
CH322-92M11	CHORI-322	3L	17396103	17418023
CH322-92M12	CHORI-322	3R	1961682	1979712
CH322-92M14	CHORI-322	2R	15230728	15253330
CH322-92M16	CHORI-322	2RHet	3115173	3135718
CH322-92M18	CHORI-322	2R	3048249	3069368
CH322-92M19	CHORI-322	3L	11292992	11314575
CH322-92M20	CHORI-322	X	18695862	18716349
CH322-92M22	CHORI-322	2R	19128295	19153010
CH322-92N03	CHORI-322	3L	16296197	16317934
CH322-92N05	CHORI-322	2R	19219237	19239824
CH322-92N07	CHORI-322	2R	4656154	4678368
CH322-92N08	CHORI-322	2L	3125378	3145197

CH322-92N09	CHORI-322	2L	20521275	20543580
CH322-92N10	CHORI-322	2R	20480373	20500327
CH322-92N11	CHORI-322	X	18133963	18152880
CH322-92N13	CHORI-322	3R	11987183	12005382
CH322-92N14	CHORI-322	X	7064636	7087121
CH322-92N17	CHORI-322	2L	19302559	19323179
CH322-92N21	CHORI-322	2L	11624854	11646303
CH322-92N22	CHORI-322	3L	1672458	1692982
CH322-92O05	CHORI-322	3R	16232766	16253703
CH322-92O06	CHORI-322	3L	19617135	19640073
CH322-92O07	CHORI-322	3L	325578	347297
CH322-92O08	CHORI-322	3R	4294467	4314005
CH322-92O09	CHORI-322	X	423272	444245
CH322-92O11	CHORI-322	2L	9197087	9217120
CH322-92O12	CHORI-322	2R	20934925	20957219
CH322-92O13	CHORI-322	3L	22655293	22678238
CH322-92O14	CHORI-322	2L	10026889	10044536
CH322-92O16	CHORI-322	X	20511927	20531665
CH322-92O18	CHORI-322	2L	15128110	15149722
CH322-92O19	CHORI-322	2R	1041729	1064755
CH322-92O21	CHORI-322	2L	11747109	11768579
CH322-92P01	CHORI-322	2R	8772294	8790586
CH322-92P08	CHORI-322	3L	17425947	17448159
CH322-92P10	CHORI-322	2R	20284718	20304416
CH322-92P11	CHORI-322	2L	3978517	3998153
CH322-92P12	CHORI-322	2R	1828698	1852610
CH322-92P14	CHORI-322	3R	17653378	17673181
CH322-92P15	CHORI-322	3R	6682814	6703190
CH322-92P20	CHORI-322	3L	8560359	8579616
CH322-93A04	CHORI-322	X	10851584	10874222
CH322-93A05	CHORI-322	X	8795199	8815998
CH322-93A06	CHORI-322	2L	1199753	1219033
CH322-93A07	CHORI-322	2L	2268188	2287457
CH322-93A08	CHORI-322	2L	8294514	8314905
CH322-93A10	CHORI-322	3L	2665916	2683786
CH322-93A11	CHORI-322	3R	20320360	20341472
CH322-93A12	CHORI-322	3L	6280643	6296678
CH322-93A13	CHORI-322	2L	6984349	7004493
CH322-93A15	CHORI-322	3R	8990896	9010655
CH322-93A16	CHORI-322	3L	22088558	22106118
CH322-93A17	CHORI-322	2L	13108446	13129649
CH322-93A18	CHORI-322	3L	8920930	8938597
CH322-93A19	CHORI-322	3L	17211683	17229503
CH322-93A22	CHORI-322	3R	11398479	11420205
CH322-93A23	CHORI-322	2L	15264670	15285888
CH322-93A24	CHORI-322	X	16251330	16271052
CH322-93B01	CHORI-322	2L	2424117	2443130
CH322-93B03	CHORI-322	2L	6384832	6406158
CH322-93B04	CHORI-322	2R	2765022	2785325
CH322-93B05	CHORI-322	3R	13645718	13668060
CH322-93B06	CHORI-322	3R	22848596	22866183
CH322-93B08	CHORI-322	3R	26051851	26070834
CH322-93B09	CHORI-322	2L	3875066	3894321
CH322-93B10	CHORI-322	3L	1737694	1756185

CH322-93B12	CHORI-322	2L	3127788	3147584
CH322-93B13	CHORI-322	3L	1484354	1505617
CH322-93B14	CHORI-322	X	5555729	5576581
CH322-93B16	CHORI-322	2L	14502735	14519690
CH322-93B17	CHORI-322	3R	25443840	25463468
CH322-93B18	CHORI-322	3L	20443708	20464269
CH322-93B19	CHORI-322	2L	11812551	11832379
CH322-93B20	CHORI-322	X	7724020	7743261
CH322-93B21	CHORI-322	3L	9772673	9793904
CH322-93B22	CHORI-322	3L	7178635	7199423
CH322-93B23	CHORI-322	3R	16516133	16537996
CH322-93C02	CHORI-322	3R	3429101	3449009
CH322-93C03	CHORI-322	2L	6273527	6292897
CH322-93C05	CHORI-322	3R	22545230	22563614
CH322-93C06	CHORI-322	X	937996	958027
CH322-93C08	CHORI-322	2R	13467733	13486701
CH322-93C09	CHORI-322	2R	20285693	20304924
CH322-93C10	CHORI-322	3L	18212529	18232181
CH322-93C11	CHORI-322	3R	10505167	10524632
CH322-93C13	CHORI-322	2L	3334597	3354838
CH322-93C14	CHORI-322	3L	9144909	9162805
CH322-93C15	CHORI-322	2R	4904459	4924888
CH322-93C16	CHORI-322	X	10948063	10964027
CH322-93C18	CHORI-322	2L	14581323	14602404
CH322-93C19	CHORI-322	3L	7276550	7297831
CH322-93C22	CHORI-322	3R	17307652	17326248
CH322-93C23	CHORI-322	3L	3157211	3176179
CH322-93C24	CHORI-322	3L	2666226	2688165
CH322-93D03	CHORI-322	2L	11724644	11742335
CH322-93D04	CHORI-322	3R	11652362	11675587
CH322-93D06	CHORI-322	2L	7251797	7272435
CH322-93D07	CHORI-322	2L	10535838	10557204
CH322-93D08	CHORI-322	3R	9012844	9030753
CH322-93D09	CHORI-322	3R	14169527	14190096
CH322-93D10	CHORI-322	2L	2551936	2573639
CH322-93D11	CHORI-322	2R	15353100	15375082
CH322-93D12	CHORI-322	2R	9405205	9423440
CH322-93D13	CHORI-322	4	409802	429998
CH322-93D14	CHORI-322	3L	3157211	3177379
CH322-93D16	CHORI-322	2L	10847010	10867622
CH322-93D20	CHORI-322	3L	10515743	10537680
CH322-93D21	CHORI-322	3R	20266125	20286222
CH322-93D22	CHORI-322	3L	22300823	22322006
CH322-93D23	CHORI-322	3R	5344090	5365777
CH322-93D24	CHORI-322	2L	15773237	15789871
CH322-93E01	CHORI-322	3L	3920025	3941211
CH322-93E02	CHORI-322	2R	6626520	6649377
CH322-93E03	CHORI-322	2L	7536352	7554847
CH322-93E04	CHORI-322	3L	15355528	15376522
CH322-93E06	CHORI-322	3R	3298374	3318898
CH322-93E07	CHORI-322	3R	3083071	3103391
CH322-93E08	CHORI-322	3R	21999804	22019758
CH322-93E09	CHORI-322	3R	20791523	20811579
CH322-93E10	CHORI-322	3R	2478100	2501880

CH322-93E11	CHORI-322	3R	1589785	1610725
CH322-93E12	CHORI-322	3R	22775378	22795550
CH322-93E13	CHORI-322	3R	26004461	26021194
CH322-93E14	CHORI-322	2L	10178732	10197345
CH322-93E17	CHORI-322	3R	11021622	11042957
CH322-93E19	CHORI-322	2R	15272561	15291214
CH322-93E20	CHORI-322	3R	11523371	11545256
CH322-93E21	CHORI-322	2R	2124650	2144069
CH322-93E22	CHORI-322	2L	18821741	18842527
CH322-93E23	CHORI-322	2L	5417285	5436786
CH322-93E24	CHORI-322	3L	18756081	18775926
CH322-93F01	CHORI-322	3R	2273342	2292500
CH322-93F02	CHORI-322	3L	22324887	22345751
CH322-93F03	CHORI-322	2R	16313136	16335716
CH322-93F04	CHORI-322	3R	21862589	21885806
CH322-93F07	CHORI-322	3R	9898319	9917823
CH322-93F08	CHORI-322	2R	17469623	17492061
CH322-93F09	CHORI-322	X	750881	772273
CH322-93F10	CHORI-322	2L	18249346	18269020
CH322-93F12	CHORI-322	3L	668794	686623
CH322-93F13	CHORI-322	X	14614155	14632782
CH322-93F15	CHORI-322	3L	4792439	4810924
CH322-93F16	CHORI-322	3R	20267984	20286733
CH322-93F18	CHORI-322	2RHet	529840	549901
CH322-93F19	CHORI-322	3R	23143855	23163386
CH322-93F20	CHORI-322	X	19855148	19877416
CH322-93F21	CHORI-322	X	3269168	3291943
CH322-93F22	CHORI-322	3R	27676086	27698702
CH322-93F23	CHORI-322	4	190264	210890
CH322-93F24	CHORI-322	3L	12478129	12501014
CH322-93G01	CHORI-322	3L	21546613	21567021
CH322-93G02	CHORI-322	3R	10441507	10461854
CH322-93G03	CHORI-322	X	18114034	18134041
CH322-93G04	CHORI-322	X	317087	340356
CH322-93G08	CHORI-322	3R	2723527	2741317
CH322-93G09	CHORI-322	3R	10505245	10525624
CH322-93G10	CHORI-322	2L	17513343	17531347
CH322-93G11	CHORI-322	3L	5124301	5147428
CH322-93G12	CHORI-322	3L	998361	1021178
CH322-93G15	CHORI-322	3L	15988318	16008779
CH322-93G16	CHORI-322	3R	8255410	8276633
CH322-93G18	CHORI-322	3R	5120067	5143689
CH322-93G20	CHORI-322	X	17918269	17939615
CH322-93H04	CHORI-322	3R	27148991	27167809
CH322-93H06	CHORI-322	2L	6396550	6416862
CH322-93H07	CHORI-322	X	19416271	19435066
CH322-93H08	CHORI-322	3L	22301066	22323098
CH322-93H10	CHORI-322	2R	7668240	7685950
CH322-93H12	CHORI-322	2R	6380518	6398138
CH322-93H14	CHORI-322	3L	8425748	8442732
CH322-93H15	CHORI-322	X	9824890	9843889
CH322-93H16	CHORI-322	3R	1927405	1946109
CH322-93H19	CHORI-322	X	8177035	8195434
CH322-93H20	CHORI-322	3L	18846071	18865365

CH322-93H21	CHORI-322	3R	27509119	27529027
CH322-93H22	CHORI-322	X	5648358	5668028
CH322-93H24	CHORI-322	2R	4854687	4875798
CH322-93I01	CHORI-322	X	18468532	18487569
CH322-93I02	CHORI-322	2R	2711343	2734101
CH322-93I03	CHORI-322	2L	11969144	11989604
CH322-93I04	CHORI-322	3R	22289757	22311093
CH322-93I05	CHORI-322	2L	12101239	12121955
CH322-93I06	CHORI-322	3R	13438007	13459447
CH322-93I07	CHORI-322	3L	15721067	15740741
CH322-93I10	CHORI-322	3R	7930267	7949004
CH322-93I11	CHORI-322	3R	4265169	4284771
CH322-93I12	CHORI-322	3R	1035620	1056152
CH322-93I14	CHORI-322	2R	11683228	11707942
CH322-93I16	CHORI-322	2R	4584360	4604738
CH322-93I18	CHORI-322	2R	11650280	11670759
CH322-93I19	CHORI-322	3L	8219815	8242973
CH322-93I20	CHORI-322	2R	13177987	13198916
CH322-93I23	CHORI-322	2R	3255925	3276283
CH322-93I24	CHORI-322	2R	14512054	14532273
CH322-93J01	CHORI-322	2L	18728678	18749143
CH322-93J02	CHORI-322	3L	381654	402140
CH322-93J03	CHORI-322	2L	16531691	16552874
CH322-93J04	CHORI-322	3R	2215323	2232761
CH322-93J05	CHORI-322	3R	14769438	14788668
CH322-93J06	CHORI-322	3R	17478221	17497025
CH322-93J07	CHORI-322	2R	12434641	12454751
CH322-93J09	CHORI-322	3R	4190915	4213433
CH322-93J10	CHORI-322	2L	7955418	7975647
CH322-93J11	CHORI-322	3R	22952250	22975535
CH322-93J12	CHORI-322	3R	13382587	13399939
CH322-93J14	CHORI-322	4	628585	649686
CH322-93J16	CHORI-322	3L	10672207	10689147
CH322-93J17	CHORI-322	3L	2867709	2890945
CH322-93J18	CHORI-322	2R	15075600	15093845
CH322-93J20	CHORI-322	3L	8864014	8885539
CH322-93J21	CHORI-322	2R	2957289	2975702
CH322-93J23	CHORI-322	2R	4681251	4700956
CH322-93J24	CHORI-322	3R	6291930	6316766
CH322-93K03	CHORI-322	2R	17334695	17352962
CH322-93K04	CHORI-322	2R	3939757	3960296
CH322-93K05	CHORI-322	X	970517	990134
CH322-93K12	CHORI-322	2L	5164758	5187610
CH322-93K13	CHORI-322	X	11226890	11248287
CH322-93K14	CHORI-322	2R	10882787	10902851
CH322-93K15	CHORI-322	X	8186460	8206363
CH322-93K16	CHORI-322	3R	8586053	8605677
CH322-93K17	CHORI-322	3R	23305569	23327715
CH322-93K18	CHORI-322	2L	20623253	20642246
CH322-93K20	CHORI-322	3L	5207719	5227589
CH322-93K21	CHORI-322	3R	3885390	3905420
CH322-93K22	CHORI-322	3R	3749871	3770680
CH322-93K23	CHORI-322	3L	10975133	10995310
CH322-93L01	CHORI-322	3L	3634233	3653560

CH322-93L02	CHORI-322	3L	19250732	19271036
CH322-93L03	CHORI-322	3R	6334339	6352714
CH322-93L04	CHORI-322	3R	7830660	7851469
CH322-93L05	CHORI-322	3R	9069341	9090592
CH322-93L08	CHORI-322	3R	26925775	26942927
CH322-93L10	CHORI-322	X	21360565	21384074
CH322-93L11	CHORI-322	2L	17462502	17482933
CH322-93L12	CHORI-322	3L	18171690	18192676
CH322-93L13	CHORI-322	3L	5417481	5435107
CH322-93L14	CHORI-322	3L	14340533	14358167
CH322-93L16	CHORI-322	3R	11215602	11232453
CH322-93L17	CHORI-322	3L	7735334	7753944
CH322-93L18	CHORI-322	3R	9029674	9050610
CH322-93L19	CHORI-322	2L	14550401	14572222
CH322-93L21	CHORI-322	3R	26379206	26397352
CH322-93L22	CHORI-322	3L	4604529	4623661
CH322-93L23	CHORI-322	2L	6807194	6824382
CH322-93L24	CHORI-322	X	1651703	1670349
CH322-93M01	CHORI-322	3R	8930309	8952291
CH322-93M05	CHORI-322	3R	3083271	3103391
CH322-93M07	CHORI-322	2R	17478342	17496455
CH322-93M08	CHORI-322	X	2633722	2653774
CH322-93M12	CHORI-322	3L	14575086	14594223
CH322-93M13	CHORI-322	3R	24756847	24778494
CH322-93M16	CHORI-322	2R	3870463	3892347
CH322-93M17	CHORI-322	X	14170126	14192360
CH322-93M18	CHORI-322	3L	8825555	8845416
CH322-93M19	CHORI-322	3R	7925124	7944343
CH322-93M21	CHORI-322	3R	7594629	7614729
CH322-93M23	CHORI-322	3R	2041654	2062373
CH322-93M24	CHORI-322	2L	8072534	8092761
CH322-93N01	CHORI-322	2L	9353190	9373648
CH322-93N02	CHORI-322	2R	3710269	3730188
CH322-93N04	CHORI-322	X	7236506	7254036
CH322-93N05	CHORI-322	3R	471646	491516
CH322-93N06	CHORI-322	X	11666054	11685639
CH322-93N07	CHORI-322	X	7991131	8013214
CH322-93N10	CHORI-322	2L	18306158	18328188
CH322-93N11	CHORI-322	3R	13216320	13236935
CH322-93N12	CHORI-322	2L	2330994	2352336
CH322-93N14	CHORI-322	3L	8831400	8854029
CH322-93N15	CHORI-322	3R	9556128	9575604
CH322-93N17	CHORI-322	3R	818804	840219
CH322-93N21	CHORI-322	2R	13674419	13696443
CH322-93N22	CHORI-322	3L	2348559	2370286
CH322-93N24	CHORI-322	2L	306678	327685
CH322-93O01	CHORI-322	X	7398744	7416153
CH322-93O02	CHORI-322	2R	4898183	4918021
CH322-93O03	CHORI-322	2R	14534637	14556461
CH322-93O04	CHORI-322	X	19729686	19747590
CH322-93O09	CHORI-322	3L	1568186	1587633
CH322-93O10	CHORI-322	2L	3529679	3549124
CH322-93O11	CHORI-322	3R	25683024	25703502
CH322-93O12	CHORI-322	2R	16298034	16320119

CH322-93O13	CHORI-322	3R	1897533	1919380
CH322-93O15	CHORI-322	3R	612777	634202
CH322-93O16	CHORI-322	3R	2755836	2775342
CH322-93O17	CHORI-322	3R	27044921	27063672
CH322-93O18	CHORI-322	3R	23505288	23528500
CH322-93O19	CHORI-322	2L	5563473	5583916
CH322-93O20	CHORI-322	2L	9623483	9644828
CH322-93O23	CHORI-322	3R	26076714	26095820
CH322-93P01	CHORI-322	3R	18186789	18208300
CH322-93P02	CHORI-322	2L	10031990	10049788
CH322-93P06	CHORI-322	2L	1184762	1204267
CH322-93P07	CHORI-322	X	12929490	12947705
CH322-93P08	CHORI-322	4	833239	854269
CH322-93P11	CHORI-322	3R	26964736	26982229
CH322-93P12	CHORI-322	2L	11346883	11367073
CH322-93P13	CHORI-322	3R	6136778	6157784
CH322-93P14	CHORI-322	2R	1496724	1516359
CH322-93P16	CHORI-322	XHet	161013	179880
CH322-93P17	CHORI-322	2L	14273070	14291134
CH322-93P18	CHORI-322	2R	11526793	11548533
CH322-93P19	CHORI-322	2L	13461550	13479709
CH322-93P21	CHORI-322	3L	3653557	3675601
CH322-93P22	CHORI-322	3R	13156609	13175139
CH322-94A10	CHORI-322	3L	2298612	2320535
CH322-94A11	CHORI-322	2R	11282621	11303226
CH322-94A13	CHORI-322	3R	27589831	27612840
CH322-94A14	CHORI-322	2L	5067460	5086399
CH322-94A15	CHORI-322	3L	1903245	1920621
CH322-94B05	CHORI-322	3R	12698528	12718314
CH322-94B06	CHORI-322	3R	20021432	20043481
CH322-94B08	CHORI-322	3R	13156993	13176166
CH322-94B12	CHORI-322	2R	4298685	4318346
CH322-94B13	CHORI-322	3R	20340130	20360781
CH322-94B14	CHORI-322	2L	7793890	7814319
CH322-94B15	CHORI-322	2L	5408972	5429696
CH322-94B16	CHORI-322	3R	6359107	6377888
CH322-94C03	CHORI-322	2R	16815694	16832677
CH322-94C04	CHORI-322	3R	6575484	6594918
CH322-94C06	CHORI-322	3L	2403648	2424925
CH322-94C08	CHORI-322	2L	22298549	22318750
CH322-94C09	CHORI-322	3R	14620837	14641232
CH322-94C10	CHORI-322	3L	22948386	22966827
CH322-94C12	CHORI-322	2L	16388107	16405999
CH322-94C15	CHORI-322	3R	10390232	10411139
CH322-94C17	CHORI-322	2L	16382925	16403242
CH322-94C19	CHORI-322	X	20716864	20736843
CH322-94C20	CHORI-322	3L	7589983	7608259
CH322-94C21	CHORI-322	2R	12359598	12378842
CH322-94C22	CHORI-322	3R	5706901	5725361
CH322-94C23	CHORI-322	3R	17304277	17326785
CH322-94D01	CHORI-322	3L	1530065	1551507
CH322-94D03	CHORI-322	3R	6549371	6571433
CH322-94D04	CHORI-322	3R	8738696	8758326
CH322-94D05	CHORI-322	2R	3147602	3167992

CH322-94D06	CHORI-322	3R	22135493	22152679
CH322-94D09	CHORI-322	2R	17446336	17466744
CH322-94D10	CHORI-322	2L	21743418	21762844
CH322-94D11	CHORI-322	X	797205	817309
CH322-94D13	CHORI-322	3R	8416054	8436079
CH322-94D15	CHORI-322	2R	11954915	11976749
CH322-94D16	CHORI-322	2R	7873803	7896241
CH322-94D17	CHORI-322	3L	1894084	1912128
CH322-94D19	CHORI-322	2L	10063955	10085901
CH322-94D20	CHORI-322	2R	3335834	3356476
CH322-94D23	CHORI-322	3L	7399221	7417890
CH322-94D24	CHORI-322	2L	16266339	16284060
CH322-94E02	CHORI-322	3R	3829145	3850237
CH322-94E04	CHORI-322	3L	12829472	12849540
CH322-94E06	CHORI-322	2R	5915637	5936074
CH322-94E07	CHORI-322	3L	16492202	16515936
CH322-94E09	CHORI-322	2L	3344034	3365050
CH322-94E10	CHORI-322	X	5982124	6003233
CH322-94E11	CHORI-322	3L	10186471	10207944
CH322-94E12	CHORI-322	X	5251520	5270243
CH322-94E14	CHORI-322	3R	2857528	2877841
CH322-94E15	CHORI-322	2L	511653	533151
CH322-94E16	CHORI-322	2L	3861984	3882667
CH322-94E18	CHORI-322	3L	12005828	12025813
CH322-94E19	CHORI-322	2R	18313513	18333401
CH322-94E20	CHORI-322	2R	12354553	12374723
CH322-94E24	CHORI-322	3R	3473539	3493419
CH322-94F03	CHORI-322	2R	14046226	14069808
CH322-94F04	CHORI-322	3R	15264595	15286673
CH322-94F06	CHORI-322	3L	2702660	2721344
CH322-94F07	CHORI-322	2R	15955526	15974259
CH322-94F09	CHORI-322	3L	11343871	11362958
CH322-94F12	CHORI-322	X	14100850	14120876
CH322-94F13	CHORI-322	3R	10413007	10432419
CH322-94F14	CHORI-322	3R	15332413	15352575
CH322-94F15	CHORI-322	3R	23909006	23927239
CH322-94F19	CHORI-322	3R	2794302	2812151
CH322-94F20	CHORI-322	X	3269498	3289632
CH322-94F21	CHORI-322	3L	7178635	7199423
CH322-94F23	CHORI-322	3R	974051	993193
CH322-94F24	CHORI-322	X	9755054	9775287
CH322-94G01	CHORI-322	2L	17787808	17810175
CH322-94G02	CHORI-322	2L	3001802	3022964
CH322-94G04	CHORI-322	2L	17606600	17626034
CH322-94G09	CHORI-322	3R	16439014	16458949
CH322-94G11	CHORI-322	3L	17286351	17306911
CH322-94G12	CHORI-322	2L	13459672	13481538
CH322-94G15	CHORI-322	3L	10110542	10129961
CH322-94G17	CHORI-322	3R	15361116	15381735
CH322-94G19	CHORI-322	3R	20655463	20674752
CH322-94G20	CHORI-322	X	14275699	14296384
CH322-94G21	CHORI-322	2L	5640322	5662750
CH322-94G22	CHORI-322	2L	13110721	13132757
CH322-94G23	CHORI-322	3R	20809755	20830947

CH322-94G24	CHORI-322	3R	14180250	14198201
CH322-94H01	CHORI-322	2R	6360753	6380682
CH322-94H02	CHORI-322	3R	13754333	13771999
CH322-94H03	CHORI-322	X	9222625	9240442
CH322-94H04	CHORI-322	2L	19145490	19168669
CH322-94H06	CHORI-322	4	1111233	1130549
CH322-94H07	CHORI-322	4	1069619	1089949
CH322-94H08	CHORI-322	3R	7291216	7311916
CH322-94H11	CHORI-322	3L	8932438	8954077
CH322-94H15	CHORI-322	X	11661586	11679697
CH322-94H16	CHORI-322	3R	22159984	22180217
CH322-94H17	CHORI-322	2L	8329133	8348607
CH322-94H18	CHORI-322	2L	14706056	14725546
CH322-94H19	CHORI-322	3L	6840731	6859677
CH322-94H20	CHORI-322	X	677037	697899
CH322-94H21	CHORI-322	X	10518614	10537201
CH322-94I03	CHORI-322	X	16858973	16877540
CH322-94I05	CHORI-322	3L	6660936	6683236
CH322-94I06	CHORI-322	2R	7203181	7221671
CH322-94I07	CHORI-322	3R	23262462	23282060
CH322-94I08	CHORI-322	2L	20815373	20835077
CH322-94I10	CHORI-322	2L	21715898	21734459
CH322-94I12	CHORI-322	3R	22410557	22430879
CH322-94I14	CHORI-322	3L	14670016	14690056
CH322-94I15	CHORI-322	3R	20198906	20219916
CH322-94I16	CHORI-322	3R	10672368	10692447
CH322-94I18	CHORI-322	X	17853055	17870856
CH322-94I19	CHORI-322	3R	15809353	15827243
CH322-94I20	CHORI-322	2L	11073912	11097625
CH322-94I21	CHORI-322	3R	11329507	11349470
CH322-94I23	CHORI-322	X	4878182	4896970
CH322-94J01	CHORI-322	2R	15091033	15111225
CH322-94J02	CHORI-322	2R	10269887	10293323
CH322-94J03	CHORI-322	2R	9555538	9572934
CH322-94J04	CHORI-322	3R	8993951	9010418
CH322-94J05	CHORI-322	2L	7753120	7771855
CH322-94J06	CHORI-322	2L	9350610	9370403
CH322-94J07	CHORI-322	2L	15732316	15753763
CH322-94J08	CHORI-322	3R	26022928	26042316
CH322-94J10	CHORI-322	2L	4685239	4705808
CH322-94J11	CHORI-322	2L	10184365	10203186
CH322-94J12	CHORI-322	3L	4610613	4628534
CH322-94J13	CHORI-322	3R	19730790	19755092
CH322-94J14	CHORI-322	2R	5238185	5261028
CH322-94J16	CHORI-322	2R	8788075	8805792
CH322-94J18	CHORI-322	2L	4532318	4555034
CH322-94J19	CHORI-322	3R	22962863	22986118
CH322-94J22	CHORI-322	3R	22363649	22381958
CH322-94J23	CHORI-322	2R	20886071	20903595
CH322-94K03	CHORI-322	3R	20637095	20657531
CH322-94K04	CHORI-322	3R	11244915	11264801
CH322-94K05	CHORI-322	X	15007316	15027036
CH322-94K06	CHORI-322	3R	9385247	9405273
CH322-94K09	CHORI-322	2L	1913308	1934488

CH322-94K10	CHORI-322	2R	7058950	7079631
CH322-94K13	CHORI-322	4	827052	846256
CH322-94K14	CHORI-322	X	22191712	22209829
CH322-94K16	CHORI-322	3R	21189926	21209539
CH322-94K17	CHORI-322	3L	20846218	20866535
CH322-94K18	CHORI-322	3L	14012520	14034194
CH322-94K21	CHORI-322	2L	13565287	13586178
CH322-94K22	CHORI-322	3R	21399640	21418793
CH322-94K23	CHORI-322	3L	12816540	12836995
CH322-94L02	CHORI-322	3R	21226075	21243682
CH322-94L04	CHORI-322	2R	13885044	13904196
CH322-94L08	CHORI-322	3L	1997531	2018185
CH322-94L10	CHORI-322	3R	14884081	14906263
CH322-94L11	CHORI-322	3L	16318815	16336530
CH322-94L12	CHORI-322	3R	15082191	15100789
CH322-94L13	CHORI-322	X	3360283	3378913
CH322-94L14	CHORI-322	2R	18873791	18890630
CH322-94L15	CHORI-322	3L	10657220	10680945
CH322-94L16	CHORI-322	2L	4299497	4320002
CH322-94L18	CHORI-322	2L	10028668	10051092
CH322-94L19	CHORI-322	2L	3124467	3145196
CH322-94L20	CHORI-322	3R	261772	284228
CH322-94L22	CHORI-322	X	10637865	10663150
CH322-94L23	CHORI-322	3R	19092355	19111581
CH322-94M03	CHORI-322	X	10280993	10300354
CH322-94M04	CHORI-322	3R	1588444	1612696
CH322-94M08	CHORI-322	2R	4933329	4954638
CH322-94M09	CHORI-322	2L	19856992	19876371
CH322-94M10	CHORI-322	3L	2975927	2994852
CH322-94M11	CHORI-322	3R	7002814	7020661
CH322-94M12	CHORI-322	2L	165674	188427
CH322-94M13	CHORI-322	X	12416247	12438685
CH322-94M15	CHORI-322	2L	22042332	22061982
CH322-94M17	CHORI-322	2R	7109563	7127381
CH322-94M20	CHORI-322	2R	12849962	12872008
CH322-94N03	CHORI-322	X	17621755	17643820
CH322-94N04	CHORI-322	2L	809440	828974
CH322-94N06	CHORI-322	2L	16490781	16511358
CH322-94N07	CHORI-322	X	1157767	1178720
CH322-94N09	CHORI-322	2R	14894781	14917091
CH322-94N10	CHORI-322	2R	18359217	18380286
CH322-94N11	CHORI-322	2LHet	347921	367347
CH322-94N12	CHORI-322	2R	11184610	11205168
CH322-94N13	CHORI-322	3R	5448393	5466198
CH322-94N15	CHORI-322	2L	14799229	14819863
CH322-94N16	CHORI-322	3L	19134445	19157290
CH322-94N17	CHORI-322	3L	1174823	1195099
CH322-94N18	CHORI-322	3L	17202864	17225547
CH322-94N19	CHORI-322	3R	26745385	26768218
CH322-94N20	CHORI-322	3R	22946557	22965555
CH322-94N21	CHORI-322	3R	1001429	1025193
CH322-94O04	CHORI-322	3R	14452094	14472889
CH322-94O05	CHORI-322	2L	1960300	1977048
CH322-94O07	CHORI-322	X	4631044	4649548

CH322-94O08	CHORI-322	2R	5129598	5150769
CH322-94O10	CHORI-322	2L	17325703	17347019
CH322-94O11	CHORI-322	3R	23432495	23450424
CH322-94O13	CHORI-322	2L	16795057	16814233
CH322-94O15	CHORI-322	3R	7317729	7340112
CH322-94O19	CHORI-322	3R	17782616	17803930
CH322-94O21	CHORI-322	3R	14328536	14346698
CH322-94P05	CHORI-322	3R	15124117	15142819
CH322-94P08	CHORI-322	3R	2233378	2249836
CH322-94P10	CHORI-322	3L	5229012	5251874
CH322-94P12	CHORI-322	2L	14394353	14415478
CH322-94P16	CHORI-322	2R	4695644	4718834
CH322-95A05	CHORI-322	3R	11196521	11217590
CH322-95I12	CHORI-322	X	7876566	7900176
CH322-95I19	CHORI-322	2R	16518965	16539608
CH322-95J07	CHORI-322	ArmU	1185159	1205663
CH322-95J14	CHORI-322	3R	4943254	4964866
CH322-95K08	CHORI-322	2L	7636120	7655530
CH322-95K11	CHORI-322	2L	10704281	10723278
CH322-95K13	CHORI-322	3R	3087230	3106307
CH322-95K14	CHORI-322	2R	12279884	12302750
CH322-95K15	CHORI-322	3R	24796794	24818285
CH322-95L09	CHORI-322	3R	13872245	13891854
CH322-95L11	CHORI-322	X	16725915	16746213
CH322-95L12	CHORI-322	2L	7259637	7278432
CH322-95L13	CHORI-322	X	2049211	2070242
CH322-95L22	CHORI-322	2R	9706381	9727825
CH322-95M07	CHORI-322	3R	14625322	14645774
CH322-95M08	CHORI-322	2L	100635	120667
CH322-95M11	CHORI-322	2R	17233250	17256388
CH322-95M14	CHORI-322	2R	4976500	4995110
CH322-95N07	CHORI-322	2L	6652754	6673633
CH322-95N11	CHORI-322	2L	16025710	16042509
CH322-95N12	CHORI-322	3L	538013	561526
CH322-95N15	CHORI-322	3L	1563251	1584010
CH322-95N21	CHORI-322	2L	6203504	6225756
CH322-95P19	CHORI-322	3L	2382648	2401931
CH322-95P22	CHORI-322	2L	145345	164715
CH322-96A01	CHORI-322	2R	16051597	16071431
CH322-96A02	CHORI-322	3L	18081075	18101173
CH322-96A03	CHORI-322	X	15319351	15338636
CH322-96A07	CHORI-322	3L	7087650	7104275
CH322-96A08	CHORI-322	X	9729291	9746392
CH322-96A10	CHORI-322	3R	13754345	13775115
CH322-96A11	CHORI-322	3R	16894114	16917644
CH322-96A12	CHORI-322	3R	12341325	12364117
CH322-96A13	CHORI-322	3R	15546137	15567391
CH322-96A14	CHORI-322	2R	12660698	12681364
CH322-96A17	CHORI-322	2R	14996461	15014922
CH322-96A18	CHORI-322	3R	23846193	23868141
CH322-96A19	CHORI-322	3R	18492628	18511096
CH322-96A21	CHORI-322	2RHet	1721716	1744915
CH322-96A24	CHORI-322	2R	20312344	20333157
CH322-96B01	CHORI-322	3L	16747591	16770527

CH322-96B02	CHORI-322	2R	3606922	3625234
CH322-96B03	CHORI-322	2L	11018518	11037410
CH322-96B04	CHORI-322	X	5364331	5382022
CH322-96B06	CHORI-322	2L	6348211	6368570
CH322-96B07	CHORI-322	X	21232517	21254605
CH322-96B08	CHORI-322	X	20329452	20346143
CH322-96B09	CHORI-322	3L	5560757	5582258
CH322-96B10	CHORI-322	2L	9416414	9436312
CH322-96B11	CHORI-322	3L	22090716	22111912
CH322-96B12	CHORI-322	3R	17991621	18014201
CH322-96B13	CHORI-322	2R	4395115	4416595
CH322-96B14	CHORI-322	3L	3832317	3854218
CH322-96B15	CHORI-322	3L	16282746	16303626
CH322-96B17	CHORI-322	2R	5892849	5911302
CH322-96B18	CHORI-322	2L	13827674	13847088
CH322-96B19	CHORI-322	2L	7035878	7055785
CH322-96B20	CHORI-322	3R	14810882	14832123
CH322-96B21	CHORI-322	3L	22145677	22167389
CH322-96C01	CHORI-322	X	666269	690123
CH322-96C03	CHORI-322	X	8949744	8970570
CH322-96C05	CHORI-322	3R	569065	592669
CH322-96C08	CHORI-322	2R	14948150	14970025
CH322-96C09	CHORI-322	2L	15170821	15191636
CH322-96C13	CHORI-322	X	16452880	16470606
CH322-96C17	CHORI-322	3R	26841279	26859797
CH322-96C19	CHORI-322	2L	17865465	17883479
CH322-96C20	CHORI-322	2L	14294538	14314395
CH322-96C21	CHORI-322	2R	6808670	6829295
CH322-96C22	CHORI-322	2L	16531709	16552879
CH322-96C24	CHORI-322	3R	6642182	6663621
CH322-96D03	CHORI-322	3R	20254537	20274743
CH322-96D04	CHORI-322	3L	21777218	21800573
CH322-96D05	CHORI-322	3L	4572394	4590369
CH322-96D07	CHORI-322	2R	4155477	4175335
CH322-96D09	CHORI-322	3L	13939450	13956400
CH322-96D10	CHORI-322	3L	10977161	10999087
CH322-96D13	CHORI-322	2R	10671454	10690192
CH322-96D14	CHORI-322	2R	14074204	14095432
CH322-96D16	CHORI-322	3R	728696	751821
CH322-96D17	CHORI-322	2R	3655441	3673342
CH322-96D18	CHORI-322	X	19211669	19232764
CH322-96D21	CHORI-322	X	13085696	13106750
CH322-96D22	CHORI-322	X	2146184	2165175
CH322-96D23	CHORI-322	X	840070	863155
CH322-96D24	CHORI-322	X	6944009	6965009
CH322-96E01	CHORI-322	3L	17030028	17050243
CH322-96E03	CHORI-322	2L	6017516	6041670
CH322-96E04	CHORI-322	3R	5014232	5036677
CH322-96E05	CHORI-322	X	7884592	7905456
CH322-96E06	CHORI-322	2R	4387356	4406683
CH322-96E12	CHORI-322	3R	3960723	3983768
CH322-96E13	CHORI-322	3R	26377911	26395373
CH322-96E17	CHORI-322	X	5444082	5465681
CH322-96E19	CHORI-322	3R	955019	973988

CH322-96E20	CHORI-322	3L	17184794	17205828
CH322-96E21	CHORI-322	3R	10818761	10840576
CH322-96E22	CHORI-322	X	12898358	12916520
CH322-96E23	CHORI-322	3L	5667060	5687390
CH322-96E24	CHORI-322	X	3072136	3091910
CH322-96F01	CHORI-322	3R	14274432	14292998
CH322-96F05	CHORI-322	2R	11051474	11072910
CH322-96F06	CHORI-322	2L	15802669	15821177
CH322-96F09	CHORI-322	3R	3824932	3845700
CH322-96F10	CHORI-322	3L	10521140	10540712
CH322-96F18	CHORI-322	2R	18676471	18700209
CH322-96F20	CHORI-322	2L	2592461	2614311
CH322-96F21	CHORI-322	3L	2153717	2172077
CH322-96F23	CHORI-322	X	13816328	13838136
CH322-96F24	CHORI-322	2L	6194531	6212854
CH322-96G01	CHORI-322	2R	13961181	13983596
CH322-96G02	CHORI-322	3L	6829087	6846056
CH322-96G03	CHORI-322	2L	5408185	5428022
CH322-96G12	CHORI-322	3R	14657377	14677099
CH322-96G21	CHORI-322	2L	3521368	3544893
CH322-96G22	CHORI-322	2R	2435137	2456649
CH322-96G23	CHORI-322	X	7339083	7360832
CH322-96G24	CHORI-322	2R	18285373	18306802
CH322-96H01	CHORI-322	3L	14706267	14726701
CH322-96H04	CHORI-322	2R	13832011	13851778
CH322-96H05	CHORI-322	X	15328280	15348078
CH322-96H09	CHORI-322	2L	7777040	7797181
CH322-96H13	CHORI-322	2R	7559725	7579979
CH322-96H15	CHORI-322	2R	2932351	2950066
CH322-96H20	CHORI-322	X	19330175	19349757
CH322-96H21	CHORI-322	2L	7276661	7298433
CH322-96H24	CHORI-322	2L	19981758	20001994
CH322-96I01	CHORI-322	3R	20881132	20902779
CH322-96I02	CHORI-322	3L	14453106	14476299
CH322-96I03	CHORI-322	3L	8486619	8507583
CH322-96I05	CHORI-322	3R	17370468	17392007
CH322-96I19	CHORI-322	2L	14984069	15003194
CH322-96J01	CHORI-322	X	4815452	4837694
CH322-96J02	CHORI-322	3L	4215193	4235787
CH322-96J03	CHORI-322	3L	11692741	11711661
CH322-96J04	CHORI-322	3R	15381732	15403010
CH322-96J11	CHORI-322	3R	10840927	10863398
CH322-96J12	CHORI-322	X	19765943	19787288
CH322-96J13	CHORI-322	X	8408777	8425287
CH322-96J14	CHORI-322	X	17510994	17530598
CH322-96J15	CHORI-322	2L	11183805	11203341
CH322-96J16	CHORI-322	3L	12610787	12632060
CH322-96J18	CHORI-322	X	10629504	10650178
CH322-96J19	CHORI-322	3R	27293102	27315243
CH322-96J22	CHORI-322	3L	16870994	16890029
CH322-96K01	CHORI-322	X	18316176	18337977
CH322-96K04	CHORI-322	2L	6726218	6745627
CH322-96K06	CHORI-322	3R	7900428	7922917
CH322-96K15	CHORI-322	3L	5302972	5321307

CH322-96K16	CHORI-322	3R	12724222	12742991
CH322-96K18	CHORI-322	X	8298418	8319833
CH322-96K19	CHORI-322	X	9700349	9719193
CH322-96K22	CHORI-322	3R	10200074	10223223
CH322-96K23	CHORI-322	3L	11663117	11683722
CH322-96K24	CHORI-322	3L	5687387	5707504
CH322-96L02	CHORI-322	X	1646779	1669289
CH322-96L05	CHORI-322	3R	488990	507152
CH322-96L06	CHORI-322	2L	13863555	13884558
CH322-96L09	CHORI-322	3L	21849747	21868411
CH322-96L10	CHORI-322	2L	16263605	16282763
CH322-96L13	CHORI-322	2L	18353963	18375499
CH322-96L14	CHORI-322	3R	4951270	4972047
CH322-96L15	CHORI-322	3R	3189966	3211257
CH322-96L17	CHORI-322	2R	1730842	1751283
CH322-96L21	CHORI-322	2R	17278625	17298132
CH322-96L23	CHORI-322	2R	14053017	14070559
CH322-96L24	CHORI-322	X	14010185	14030950
CH322-96M01	CHORI-322	2R	9672227	9696208
CH322-96M04	CHORI-322	2L	3596138	3616915
CH322-96M09	CHORI-322	X	19392280	19413299
CH322-96M10	CHORI-322	3R	22306402	22326939
CH322-96M13	CHORI-322	ArmU	475972	497828
CH322-96M16	CHORI-322	2R	7042988	7063774
CH322-96M17	CHORI-322	2R	4829449	4850133
CH322-96M18	CHORI-322	3R	23362084	23381110
CH322-96M20	CHORI-322	3R	23292541	23313719
CH322-96M21	CHORI-322	2L	9344018	9365412
CH322-96M24	CHORI-322	X	18900753	18920724
CH322-96N01	CHORI-322	2R	9009905	9030461
CH322-96N02	CHORI-322	2R	9243213	9264013
CH322-96N03	CHORI-322	3R	18005218	18025240
CH322-96N05	CHORI-322	2L	13824368	13842971
CH322-96N06	CHORI-322	3L	7699522	7719205
CH322-96N07	CHORI-322	X	3721355	3742078
CH322-96N08	CHORI-322	3R	22482449	22502873
CH322-96N10	CHORI-322	2L	7883472	7903868
CH322-96N11	CHORI-322	2R	10269756	10288229
CH322-96N13	CHORI-322	2R	8947245	8971294
CH322-96N14	CHORI-322	3L	11232982	11253235
CH322-96N15	CHORI-322	3L	4960637	4980990
CH322-96N17	CHORI-322	X	8551624	8572571
CH322-96N18	CHORI-322	3R	14374074	14395840
CH322-96N19	CHORI-322	3L	850590	871283
CH322-96N20	CHORI-322	2L	14766059	14786302
CH322-96N21	CHORI-322	2L	2850768	2870066
CH322-96N22	CHORI-322	3L	11235746	11255262
CH322-96N24	CHORI-322	2R	8049535	8069656
CH322-96O01	CHORI-322	2L	1331463	1349932
CH322-96O03	CHORI-322	X	8001128	8019980
CH322-96O06	CHORI-322	X	2566372	2583810
CH322-96O07	CHORI-322	3L	10257750	10278508
CH322-96O09	CHORI-322	3R	23908565	23927239
CH322-96O10	CHORI-322	2L	8966303	8987273

CH322-96O11	CHORI-322	2L	15212083	15232102
CH322-96O13	CHORI-322	X	11966873	11985219
CH322-96O16	CHORI-322	2L	2396732	2415779
CH322-96O17	CHORI-322	2L	4849796	4871193
CH322-96O19	CHORI-322	2L	4705836	4726931
CH322-96O22	CHORI-322	X	13427733	13445312
CH322-96O24	CHORI-322	3L	9410803	9428943
CH322-96P02	CHORI-322	3R	13002632	13020943
CH322-96P03	CHORI-322	X	4775868	4794227
CH322-96P06	CHORI-322	3L	9663510	9680850
CH322-96P10	CHORI-322	2R	18316879	18337955
CH322-96P11	CHORI-322	2R	7530510	7550080
CH322-96P12	CHORI-322	3L	18174344	18196625
CH322-96P13	CHORI-322	2R	14712859	14732444
CH322-96P15	CHORI-322	2R	12423456	12444035
CH322-96P17	CHORI-322	3R	9213706	9233624
CH322-96P19	CHORI-322	2L	14907504	14928430
CH322-96P23	CHORI-322	2R	20653566	20675742
CH322-97A04	CHORI-322	2R	2128660	2151238
CH322-97A07	CHORI-322	3R	15644413	15665493
CH322-97A08	CHORI-322	3L	6899780	6921013
CH322-97A10	CHORI-322	3L	5751558	5772249
CH322-97A12	CHORI-322	3R	2082247	2102044
CH322-97A13	CHORI-322	X	13779273	13803985
CH322-97A14	CHORI-322	3R	6959794	6980457
CH322-97A15	CHORI-322	2R	16919555	16939042
CH322-97A16	CHORI-322	3L	8558238	8581590
CH322-97A17	CHORI-322	3L	18900140	18923418
CH322-97A18	CHORI-322	X	1188975	1212159
CH322-97A19	CHORI-322	2R	16514204	16535691
CH322-97A20	CHORI-322	2R	1888974	1910934
CH322-97A22	CHORI-322	3L	2194508	2217421
CH322-97A24	CHORI-322	3L	10020321	10041995
CH322-97B01	CHORI-322	X	5703743	5726651
CH322-97B02	CHORI-322	3R	25088455	25110107
CH322-97B03	CHORI-322	2L	5318382	5340253
CH322-97B05	CHORI-322	X	525268	551047
CH322-97B06	CHORI-322	2L	10884656	10908397
CH322-97B09	CHORI-322	2R	691292	712857
CH322-97B10	CHORI-322	2R	8541679	8564353
CH322-97B11	CHORI-322	2L	2666909	2690536
CH322-97B12	CHORI-322	2R	10838447	10860130
CH322-97B15	CHORI-322	3R	2957902	2982424
CH322-97B16	CHORI-322	2L	22335822	22356342
CH322-97B17	CHORI-322	X	5554614	5579975
CH322-97B18	CHORI-322	3LHet	356698	377710
CH322-97B20	CHORI-322	3L	16647064	16667952
CH322-97B21	CHORI-322	3R	2106450	2130101
CH322-97B22	CHORI-322	2RHet	423413	445964
CH322-97C02	CHORI-322	2R	8125401	8149688
CH322-97C03	CHORI-322	X	21635614	21660457
CH322-97C05	CHORI-322	2L	14424445	14447257
CH322-97C06	CHORI-322	2L	4964639	4986997
CH322-97C08	CHORI-322	3R	18159816	18183882

CH322-97C10	CHORI-322	3L	7489317	7512369
CH322-97C15	CHORI-322	3L	23785282	23807389
CH322-97C16	CHORI-322	3L	7583727	7604381
CH322-97C17	CHORI-322	3R	8257819	8278355
CH322-97C18	CHORI-322	3L	13774264	13795586
CH322-97C19	CHORI-322	3R	3801043	3822923
CH322-97C20	CHORI-322	3L	20569791	20591499
CH322-97C21	CHORI-322	3RHet	1399500	1419924
CH322-97C23	CHORI-322	2R	1069982	1091838
CH322-97C24	CHORI-322	3R	21000100	21024637
CH322-97D02	CHORI-322	2R	11782291	11805373
CH322-97D04	CHORI-322	2R	15976941	15998475
CH322-97D05	CHORI-322	3R	15164894	15185474
CH322-97D08	CHORI-322	X	4346015	4367494
CH322-97D09	CHORI-322	4	1112015	1131475
CH322-97D10	CHORI-322	2R	19768538	19793844
CH322-97D12	CHORI-322	3R	12459599	12481027
CH322-97D13	CHORI-322	2L	5281497	5304684
CH322-97D14	CHORI-322	3LHet	381516	400671
CH322-97D15	CHORI-322	2R	18802311	18823332
CH322-97D16	CHORI-322	2R	16103666	16126359
CH322-97D17	CHORI-322	3R	19237624	19257602
CH322-97D18	CHORI-322	X	7682652	7703269
CH322-97D19	CHORI-322	3RHet	160646	182876
CH322-97D20	CHORI-322	2RHet	1288429	1308752
CH322-97D21	CHORI-322	3R	15099734	15119415
CH322-97D22	CHORI-322	2L	8178690	8201042
CH322-97D23	CHORI-322	2R	9014752	9035184
CH322-97D24	CHORI-322	2L	10017198	10037240
CH322-97E03	CHORI-322	3R	118920	139493
CH322-97E04	CHORI-322	2L	8909315	8929624
CH322-97E05	CHORI-322	3R	19598137	19622284
CH322-97E06	CHORI-322	2LHet	187415	211952
CH322-97E07	CHORI-322	3L	13952689	13971746
CH322-97E09	CHORI-322	2R	15346063	15365592
CH322-97E13	CHORI-322	3R	2024372	2049337
CH322-97E14	CHORI-322	3L	1578589	1599299
CH322-97E15	CHORI-322	2L	20456572	20477120
CH322-97E16	CHORI-322	2L	2527467	2548950
CH322-97E18	CHORI-322	2L	4351206	4371864
CH322-97E21	CHORI-322	2L	6576305	6598973
CH322-97E23	CHORI-322	3R	20343612	20364611
CH322-97E24	CHORI-322	3R	17548470	17568792
CH322-97F01	CHORI-322	2R	1113623	1134348
CH322-97F03	CHORI-322	2R	5778061	5799254
CH322-97F04	CHORI-322	2R	10100347	10125517
CH322-97F05	CHORI-322	2L	19826412	19848300
CH322-97F06	CHORI-322	2R	14434904	14458475
CH322-97F09	CHORI-322	3R	283473	305431
CH322-97F12	CHORI-322	3LHet	1056522	1077654
CH322-97F18	CHORI-322	2LHet	35574	56102
CH322-97F19	CHORI-322	3L	23425109	23446295
CH322-97F20	CHORI-322	3R	22953643	22975535
CH322-97F22	CHORI-322	3L	18260893	18281929

CH322-97F23	CHORI-322	3L	20835205	20855292
CH322-97G03	CHORI-322	2R	6907495	6931794
CH322-97G04	CHORI-322	3L	575719	598734
CH322-97G13	CHORI-322	2R	3460238	3480978
CH322-97G20	CHORI-322	3L	7260533	7282530
CH322-97G21	CHORI-322	2R	4327728	4349954
CH322-97G22	CHORI-322	3L	18667875	18691228
CH322-97G23	CHORI-322	3L	17757263	17777942
CH322-97G24	CHORI-322	3R	671691	692356
CH322-97H01	CHORI-322	2R	3318839	3340150
CH322-97H02	CHORI-322	X	20424550	20448524
CH322-97H03	CHORI-322	X	218622	240834
CH322-97H04	CHORI-322	2L	617881	641080
CH322-97H07	CHORI-322	2R	216043	238091
CH322-97H08	CHORI-322	3R	2238089	2260805
CH322-97H12	CHORI-322	2L	20849074	20869261
CH322-97H14	CHORI-322	3R	17860966	17884244
CH322-97H16	CHORI-322	2R	8749308	8768527
CH322-97H17	CHORI-322	2L	816130	838495
CH322-97H20	CHORI-322	2R	6782092	6806614
CH322-97H21	CHORI-322	3R	15114215	15134725
CH322-97H22	CHORI-322	3R	3297432	3319012
CH322-97H23	CHORI-322	3LHet	326334	350882
CH322-97H24	CHORI-322	2L	5079128	5102059
CH322-97I02	CHORI-322	3R	8810770	8834861
CH322-97I03	CHORI-322	3R	7173921	7195976
CH322-97I04	CHORI-322	3R	10840705	10861533
CH322-97I05	CHORI-322	2R	12262853	12286591
CH322-97I07	CHORI-322	3R	22678134	22698979
CH322-97I09	CHORI-322	X	4366979	4389173
CH322-97I12	CHORI-322	3R	23370534	23392996
CH322-97I16	CHORI-322	2R	15135163	15155895
CH322-97I19	CHORI-322	2R	8351193	8376082
CH322-97I20	CHORI-322	2L	2307061	2328714
CH322-97I21	CHORI-322	2L	9620747	9642039
CH322-97I22	CHORI-322	X	2778344	2799889
CH322-97I23	CHORI-322	2L	2725313	2750870
CH322-97J01	CHORI-322	3R	5499314	5522087
CH322-97J02	CHORI-322	3L	847294	868563
CH322-97J03	CHORI-322	X	5665709	5686217
CH322-97J05	CHORI-322	3R	17281756	17303779
CH322-97J06	CHORI-322	3R	4233142	4254198
CH322-97J07	CHORI-322	3R	25629153	25649994
CH322-97J08	CHORI-322	X	8141622	8164152
CH322-97J12	CHORI-322	2L	5964097	5986569
CH322-97J14	CHORI-322	2L	13997119	14018384
CH322-97J15	CHORI-322	3R	11424549	11445562
CH322-97J16	CHORI-322	2R	18842690	18863963
CH322-97J17	CHORI-322	3R	5752292	5773972
CH322-97J19	CHORI-322	3RHet	705031	728400
CH322-97J21	CHORI-322	2L	3104393	3123944
CH322-97J22	CHORI-322	2L	10663707	10685323
CH322-97J23	CHORI-322	2R	5477740	5498131
CH322-97J24	CHORI-322	3L	22005758	22025211

CH322-97K01	CHORI-322	2R	17093327	17115206
CH322-97K02	CHORI-322	2L	20716868	20736297
CH322-97K03	CHORI-322	2R	9602341	9622383
CH322-97K04	CHORI-322	2R	9730968	9754252
CH322-97K06	CHORI-322	2RHet	1537730	1553765
CH322-97K07	CHORI-322	3R	17000225	17022587
CH322-97K08	CHORI-322	X	1214902	1237333
CH322-97K14	CHORI-322	X	18145800	18170270
CH322-97K15	CHORI-322	3R	12483331	12504503
CH322-97K21	CHORI-322	2RHet	4774	27597
CH322-97K22	CHORI-322	2L	2050020	2074030
CH322-97K23	CHORI-322	3L	19137952	19159668
CH322-97K24	CHORI-322	X	3751130	3774283
CH322-97L02	CHORI-322	2L	7411606	7436031
CH322-97L08	CHORI-322	2L	14527748	14549004
CH322-97L12	CHORI-322	3R	19693034	19717203
CH322-97L13	CHORI-322	3L	21609897	21631681
CH322-97L14	CHORI-322	3R	18504349	18525656
CH322-97L16	CHORI-322	3R	1417507	1439406
CH322-97L19	CHORI-322	3L	22034305	22056379
CH322-97L21	CHORI-322	X	8005469	8027229
CH322-97L22	CHORI-322	X	13106574	13130763
CH322-97L23	CHORI-322	3L	3784528	3804149
CH322-97L24	CHORI-322	3R	1477168	1497709
CH322-97M02	CHORI-322	3R	1233371	1257506
CH322-97M03	CHORI-322	2L	6994385	7014529
CH322-97M05	CHORI-322	3R	7725191	7745427
CH322-97M09	CHORI-322	3L	22034305	22056401
CH322-97M13	CHORI-322	3L	4832484	4858516
CH322-97M14	CHORI-322	2R	4504050	4524715
CH322-97M18	CHORI-322	2R	18885720	18907691
CH322-97M20	CHORI-322	3R	10543683	10563520
CH322-97M21	CHORI-322	3R	20162289	20183747
CH322-97M23	CHORI-322	2L	19041926	19062033
CH322-97N03	CHORI-322	3R	7152812	7173122
CH322-97N04	CHORI-322	2L	16337927	16359586
CH322-97N06	CHORI-322	2R	12683099	12703194
CH322-97N07	CHORI-322	X	17356768	17377628
CH322-97N08	CHORI-322	2L	19285250	19307551
CH322-97N09	CHORI-322	X	19483271	19507752
CH322-97N10	CHORI-322	3L	8723324	8743211
CH322-97N13	CHORI-322	2L	1755711	1778415
CH322-97N16	CHORI-322	2L	2350072	2370487
CH322-97N17	CHORI-322	3R	19949881	19972864
CH322-97N18	CHORI-322	2L	21904484	21926607
CH322-97N19	CHORI-322	3R	12687121	12709312
CH322-97N21	CHORI-322	3R	17671518	17692884
CH322-97N23	CHORI-322	X	15603746	15627518
CH322-97O03	CHORI-322	X	20097212	20119728
CH322-97O04	CHORI-322	2R	16161018	16184565
CH322-97O05	CHORI-322	2L	21751264	21773349
CH322-97O07	CHORI-322	2R	8295579	8317464
CH322-97O08	CHORI-322	3R	3758964	3779052
CH322-97O10	CHORI-322	2L	7840305	7860678

CH322-97O11	CHORI-322	3L	13415198	13436767
CH322-97O12	CHORI-322	3R	10528085	10549076
CH322-97O15	CHORI-322	2R	17176519	17199421
CH322-97O16	CHORI-322	3L	22689081	22711790
CH322-97O17	CHORI-322	3L	23076251	23096066
CH322-97O19	CHORI-322	2R	13459930	13483661
CH322-97O20	CHORI-322	3LHet	270493	293290
CH322-97O21	CHORI-322	2L	15403540	15426320
CH322-97O22	CHORI-322	X	15537804	15560277
CH322-97O24	CHORI-322	3R	11027715	11051624
CH322-97P10	CHORI-322	X	21450	41453
CH322-97P13	CHORI-322	3L	14120786	14139875
CH322-97P17	CHORI-322	3R	23651915	23672207
CH322-97P21	CHORI-322	X	145917	167362
CH322-97P24	CHORI-322	2R	11793866	11814174
CH322-98A01	CHORI-322	2L	13743782	13764587
CH322-98A04	CHORI-322	2R	12196555	12221903
CH322-98A06	CHORI-322	3L	4996265	5019446
CH322-98A09	CHORI-322	3R	27191817	27212702
CH322-98A10	CHORI-322	3R	10604805	10627061
CH322-98A11	CHORI-322	3R	26208915	26233260
CH322-98A12	CHORI-322	3R	25002510	25022699
CH322-98A13	CHORI-322	3R	2049314	2069802
CH322-98A14	CHORI-322	3R	23449216	23471835
CH322-98A15	CHORI-322	X	3539710	3559842
CH322-98A16	CHORI-322	3L	14397092	14420416
CH322-98A17	CHORI-322	2R	499008	520467
CH322-98A18	CHORI-322	X	18282365	18304555
CH322-98A24	CHORI-322	2R	18072743	18094475
CH322-98B01	CHORI-322	2L	9462754	9480051
CH322-98B03	CHORI-322	2L	2390760	2411781
CH322-98B04	CHORI-322	3L	3422720	3444911
CH322-98B05	CHORI-322	3R	986916	1010113
CH322-98B08	CHORI-322	3L	21764967	21786188
CH322-98B09	CHORI-322	X	3782840	3805424
CH322-98B12	CHORI-322	3R	4713939	4736760
CH322-98B14	CHORI-322	3R	16733129	16753243
CH322-98C01	CHORI-322	3R	4398386	4419733
CH322-98C06	CHORI-322	3L	15113586	15135542
CH322-98C08	CHORI-322	3R	23927236	23948026
CH322-98C14	CHORI-322	3L	1458322	1480733
CH322-98C18	CHORI-322	2R	9850678	9872955
CH322-98C20	CHORI-322	X	16815835	16839974
CH322-98C23	CHORI-322	X	4354996	4377749
CH322-98D01	CHORI-322	2R	9304091	9327802
CH322-98D02	CHORI-322	X	19228765	19248710
CH322-98D06	CHORI-322	3R	13043240	13064537
CH322-98D10	CHORI-322	X	2541836	2562895
CH322-98D12	CHORI-322	2R	19449955	19473916
CH322-98D16	CHORI-322	3R	25771991	25794991
CH322-98D18	CHORI-322	3R	21831371	21853076
CH322-98E02	CHORI-322	3LHet	655789	675037
CH322-98E04	CHORI-322	X	2111982	2134574
CH322-98E05	CHORI-322	3L	12817954	12839361

CH322-98E07	CHORI-322	2L	16338139	16360450
CH322-98E23	CHORI-322	X	2130735	2156023
CH322-98F01	CHORI-322	2L	16507018	16530500
CH322-98F02	CHORI-322	3L	14345171	14367826
CH322-98F06	CHORI-322	3R	22076452	22099330
CH322-98F12	CHORI-322	X	19652376	19672765
CH322-98F22	CHORI-322	3L	1407469	1430088
CH322-98G04	CHORI-322	2L	4571907	4593075
CH322-98G22	CHORI-322	2L	18654414	18675595
CH322-98H03	CHORI-322	2L	13097293	13120104
CH322-98H05	CHORI-322	3L	4994945	5019446
CH322-98H09	CHORI-322	3R	24524768	24546287
CH322-98H10	CHORI-322	X	638511	659770
CH322-98H20	CHORI-322	3L	1177488	1197888
CH322-98H21	CHORI-322	3L	746011	767670
CH322-98H22	CHORI-322	3R	26230512	26252460
CH322-98I01	CHORI-322	2L	7755553	7779700
CH322-98I02	CHORI-322	3L	1333332	1354329
CH322-98I04	CHORI-322	2L	13807591	13829255
CH322-98I07	CHORI-322	X	19146836	19166462
CH322-98I09	CHORI-322	3R	12932881	12955561
CH322-98I24	CHORI-322	2R	1299375	1317854
CH322-98J06	CHORI-322	2L	5736624	5755517
CH322-98J08	CHORI-322	2R	1608633	1629034
CH322-98J10	CHORI-322	X	3361893	3378743
CH322-98J12	CHORI-322	X	11377798	11400367
CH322-98J16	CHORI-322	3L	23029225	23051973
CH322-98J21	CHORI-322	3L	23456672	23480540
CH322-98K01	CHORI-322	3L	19621278	19642769
CH322-98K10	CHORI-322	2L	4257881	4278440
CH322-98K18	CHORI-322	2R	3147235	3171362
CH322-98K21	CHORI-322	3R	23184313	23206148
CH322-98K22	CHORI-322	3L	16839870	16864117
CH322-98K23	CHORI-322	3L	20607365	20628444
CH322-98K24	CHORI-322	2L	263903	287629
CH322-98L01	CHORI-322	3L	1202160	1226079
CH322-98L02	CHORI-322	X	17537419	17558428
CH322-98L10	CHORI-322	3L	22395746	22419845
CH322-98L12	CHORI-322	2L	4397182	4418666
CH322-98L14	CHORI-322	3R	9229467	9253279
CH322-98L17	CHORI-322	2R	12219991	12240033
CH322-98L18	CHORI-322	3L	8564640	8587661
CH322-98L20	CHORI-322	3L	19517390	19542320
CH322-98L21	CHORI-322	2L	7422223	7444177
CH322-98L22	CHORI-322	2L	18807121	18830102
CH322-98M02	CHORI-322	3L	8936188	8960809
CH322-98M04	CHORI-322	2L	18428551	18447748
CH322-98M05	CHORI-322	2L	3857246	3875892
CH322-98M06	CHORI-322	2R	14127124	14151561
CH322-98M07	CHORI-322	2R	13458684	13483215
CH322-98M09	CHORI-322	2L	12611899	12631129
CH322-98M13	CHORI-322	X	8939337	8962510
CH322-98M18	CHORI-322	X	20876976	20897887
CH322-98M20	CHORI-322	X	13285382	13307739

CH322-98M21	CHORI-322	3L	4591724	4611495
CH322-98M24	CHORI-322	3L	21272858	21296641
CH322-98N08	CHORI-322	X	14871463	14891434
CH322-98N10	CHORI-322	X	16278078	16299552
CH322-98N14	CHORI-322	3L	22626169	22647023
CH322-98N17	CHORI-322	2R	20497974	20519381
CH322-98N18	CHORI-322	X	10222389	10241438
CH322-98N23	CHORI-322	2L	18814831	18836831
CH322-98O02	CHORI-322	3L	171378	192922
CH322-98O03	CHORI-322	3R	19089416	19112186
CH322-98O04	CHORI-322	2R	14307220	14327352
CH322-98O07	CHORI-322	2R	20714795	20737161
CH322-98O08	CHORI-322	3L	13861768	13883957
CH322-98O09	CHORI-322	3L	116259	138651
CH322-98O11	CHORI-322	3R	23263370	23282914
CH322-98O12	CHORI-322	2R	13987776	14010854
CH322-98O13	CHORI-322	3R	17165281	17186183
CH322-98O14	CHORI-322	3R	2162099	2185154
CH322-98O17	CHORI-322	3LHet	169843	192763
CH322-98O19	CHORI-322	X	9356145	9377351
CH322-98O22	CHORI-322	X	22090569	22110552
CH322-98O24	CHORI-322	X	2605144	2628980
CH322-98P03	CHORI-322	2L	7614515	7635347
CH322-98P05	CHORI-322	3R	15451411	15476456
CH322-98P09	CHORI-322	2R	10437175	10459310
CH322-98P11	CHORI-322	X	18696466	18714596
CH322-98P13	CHORI-322	2L	2160253	2186012
CH322-98P15	CHORI-322	3L	12797157	12816862
CH322-98P17	CHORI-322	2R	2922674	2943444
CH322-98P21	CHORI-322	X	20115986	20137010
CH322-98P23	CHORI-322	3R	20466410	20491399
CH322-99A03	CHORI-322	X	18506285	18528199
CH322-99A06	CHORI-322	X	15478927	15502335
CH322-99A08	CHORI-322	2R	20057839	20083812
CH322-99A10	CHORI-322	2R	20402570	20425899
CH322-99A14	CHORI-322	3R	13323104	13346029
CH322-99A15	CHORI-322	3R	11288732	11311082
CH322-99A18	CHORI-322	2L	7661895	7682946
CH322-99A20	CHORI-322	2R	7409963	7434573
CH322-99A22	CHORI-322	2R	17445757	17472314
CH322-99B03	CHORI-322	2L	20047635	20067686
CH322-99B04	CHORI-322	2L	17233071	17253748
CH322-99B05	CHORI-322	3L	4971727	4993546
CH322-99B06	CHORI-322	4	234374	253835
CH322-99B07	CHORI-322	3R	19211235	19232857
CH322-99B08	CHORI-322	2R	4294769	4315178
CH322-99B09	CHORI-322	2L	241899	262856
CH322-99B10	CHORI-322	2R	20657490	20680368
CH322-99B12	CHORI-322	2L	22288036	22310411
CH322-99B13	CHORI-322	X	616148	637072
CH322-99B14	CHORI-322	3R	7866598	7887672
CH322-99B16	CHORI-322	2L	16737437	16757138
CH322-99B17	CHORI-322	2L	19988858	20009495
CH322-99B18	CHORI-322	3L	11451068	11473529

CH322-99B21	CHORI-322	3L	17053814	17076064
CH322-99B22	CHORI-322	2L	7276627	7294549
CH322-99C01	CHORI-322	3R	4615115	4636861
CH322-99C03	CHORI-322	2L	16809390	16828790
CH322-99C05	CHORI-322	2L	20615581	20636454
CH322-99C08	CHORI-322	2R	3965786	3988599
CH322-99C10	CHORI-322	X	7124252	7147293
CH322-99C13	CHORI-322	3L	6884548	6905947
CH322-99C14	CHORI-322	3R	17090535	17110379
CH322-99C18	CHORI-322	2L	13210027	13230861
CH322-99C19	CHORI-322	2L	20339654	20361949
CH322-99C20	CHORI-322	2L	4062198	4084357
CH322-99C21	CHORI-322	2R	1523924	1546470
CH322-99C23	CHORI-322	3R	11337663	11358897
CH322-99D02	CHORI-322	3L	22880973	22901335
CH322-99D03	CHORI-322	2L	17191081	17212716
CH322-99D05	CHORI-322	2R	20062855	20082320
CH322-99D13	CHORI-322	3R	25355460	25377095
CH322-99D14	CHORI-322	3L	24278525	24301832
CH322-99D16	CHORI-322	3R	1479082	1500300
CH322-99D17	CHORI-322	3RHet	1766410	1787550
CH322-99D19	CHORI-322	3R	7090614	7112066
CH322-99D20	CHORI-322	X	11974321	11998266
CH322-99D21	CHORI-322	3LHet	1924644	1941792
CH322-99D22	CHORI-322	3L	20953131	20977477
CH322-99E02	CHORI-322	3R	26287895	26308565
CH322-99E04	CHORI-322	3R	8474816	8497382
CH322-99E07	CHORI-322	2R	91156	113674
CH322-99E08	CHORI-322	3L	9540713	9560150
CH322-99E09	CHORI-322	3R	16044491	16066598
CH322-99E11	CHORI-322	3R	381426	403165
CH322-99E12	CHORI-322	3L	11362605	11381826
CH322-99E13	CHORI-322	4	521686	545083
CH322-99E14	CHORI-322	3R	25410584	25431584
CH322-99E15	CHORI-322	2R	11282071	11304189
CH322-99E17	CHORI-322	3R	27484793	27506611
CH322-99E21	CHORI-322	4	649827	673565
CH322-99E22	CHORI-322	3L	3860797	3883426
CH322-99F02	CHORI-322	2L	3274428	3295839
CH322-99F06	CHORI-322	3L	13066290	13088790
CH322-99F11	CHORI-322	X	19653446	19672385
CH322-99F12	CHORI-322	X	15239948	15263989
CH322-99F13	CHORI-322	2R	12063307	12087832
CH322-99F14	CHORI-322	X	19725118	19751761
CH322-99F17	CHORI-322	3L	7067676	7088678
CH322-99F18	CHORI-322	2L	10656701	10678649
CH322-99F19	CHORI-322	3L	13967751	13990907
CH322-99F21	CHORI-322	2R	7803419	7824037
CH322-99F22	CHORI-322	3R	27262366	27285249
CH322-99F23	CHORI-322	2RHet	74057	93116
CH322-99G01	CHORI-322	3R	1930910	1952023
CH322-99G02	CHORI-322	2L	20790550	20813274
CH322-99G03	CHORI-322	3R	7647427	7669084
CH322-99G04	CHORI-322	2R	18993201	19013512

CH322-99G06	CHORI-322	3L	8837296	8860607
CH322-99G08	CHORI-322	3R	13083675	13106627
CH322-99G09	CHORI-322	2L	20887814	20907954
CH322-99G13	CHORI-322	3R	3849300	3870022
CH322-99G15	CHORI-322	3L	4009473	4033863
CH322-99G17	CHORI-322	X	7478199	7497038
CH322-99G19	CHORI-322	3L	8543256	8567913
CH322-99G21	CHORI-322	3R	23139462	23163809
CH322-99G22	CHORI-322	3R	3850955	3870825
CH322-99G23	CHORI-322	3L	16711472	16731904
CH322-99H02	CHORI-322	2L	18925778	18947239
CH322-99H03	CHORI-322	3L	21220561	21245905
CH322-99H04	CHORI-322	3R	12447495	12467129
CH322-99H05	CHORI-322	2R	2042550	2061863
CH322-99H06	CHORI-322	2L	19183478	19206285
CH322-99H07	CHORI-322	3R	20466625	20487225
CH322-99H08	CHORI-322	2R	10245837	10266745
CH322-99H10	CHORI-322	3L	514504	535340
CH322-99H15	CHORI-322	3R	14920224	14943668
CH322-99H17	CHORI-322	3R	7288828	7311226
CH322-99H18	CHORI-322	3R	14834510	14854955
CH322-99H19	CHORI-322	2R	5029820	5051016
CH322-99H21	CHORI-322	2L	17265426	17289353
CH322-99H24	CHORI-322	2L	6334463	6355081
CH322-99I02	CHORI-322	2R	4437643	4458369
CH322-99I04	CHORI-322	2R	17360422	17380516
CH322-99I05	CHORI-322	3R	20937297	20958549
CH322-99I07	CHORI-322	X	6970959	6993830
CH322-99I10	CHORI-322	3R	15637829	15660758
CH322-99I12	CHORI-322	3L	23612994	23635744
CH322-99I13	CHORI-322	3L	335914	362143
CH322-99I14	CHORI-322	3L	11171375	11193399
CH322-99I16	CHORI-322	3L	17975972	17998030
CH322-99I17	CHORI-322	X	7180936	7202294
CH322-99I19	CHORI-322	X	2802326	2823101
CH322-99I20	CHORI-322	2L	21103437	21124772
CH322-99I21	CHORI-322	3R	20886168	20908098
CH322-99I22	CHORI-322	3L	9229119	9248232
CH322-99J04	CHORI-322	2L	21862844	21885223
CH322-99J05	CHORI-322	X	19264783	19288953
CH322-99J07	CHORI-322	3L	8377824	8399027
CH322-99J09	CHORI-322	2R	6194177	6217102
CH322-99J10	CHORI-322	2R	18285124	18302440
CH322-99J11	CHORI-322	X	10966239	10986119
CH322-99J13	CHORI-322	X	17757157	17779076
CH322-99J15	CHORI-322	2L	17480389	17505087
CH322-99J17	CHORI-322	3L	7699110	7719668
CH322-99J19	CHORI-322	3L	15911368	15933953
CH322-99J20	CHORI-322	3L	20174564	20194448
CH322-99J21	CHORI-322	3L	8155672	8177128
CH322-99J22	CHORI-322	3L	22586350	22605291
CH322-99K02	CHORI-322	2L	4216436	4234619
CH322-99K04	CHORI-322	2L	3254387	3276678
CH322-99K05	CHORI-322	3R	3757160	3776230

CH322-99K06	CHORI-322	2L	12063754	12082791
CH322-99K07	CHORI-322	3R	2185151	2206670
CH322-99K08	CHORI-322	2R	12787167	12808979
CH322-99K10	CHORI-322	3L	17971665	17992531
CH322-99K11	CHORI-322	2L	123375	145957
CH322-99K12	CHORI-322	3RHet	2135626	2157869
CH322-99K13	CHORI-322	ArmU	112950	133647
CH322-99K14	CHORI-322	2R	9916259	9936952
CH322-99K15	CHORI-322	2RHet	1279956	1300769
CH322-99K16	CHORI-322	X	10788516	10810327
CH322-99K18	CHORI-322	3R	19264141	19283746
CH322-99K20	CHORI-322	3L	1495985	1518616
CH322-99K21	CHORI-322	2L	1982458	2002732
CH322-99K22	CHORI-322	3R	13552130	13575718
CH322-99L02	CHORI-322	2L	13186649	13210034
CH322-99L03	CHORI-322	2L	19042252	19065916
CH322-99L07	CHORI-322	2L	11800213	11825181
CH322-99L08	CHORI-322	2R	20049344	20069893
CH322-99L09	CHORI-322	2R	1790134	1810994
CH322-99L11	CHORI-322	3L	12797992	12819364
CH322-99L15	CHORI-322	3R	4123140	4147506
CH322-99L16	CHORI-322	3R	8218183	8238341
CH322-99L17	CHORI-322	3R	8253655	8274212
CH322-99L18	CHORI-322	3L	16189530	16208952
CH322-99L19	CHORI-322	3R	17057712	17080565
CH322-99L20	CHORI-322	3L	16149868	16170563
CH322-99M02	CHORI-322	3R	21484336	21506810
CH322-99M06	CHORI-322	3R	17650906	17673063
CH322-99M10	CHORI-322	2R	16002801	16026082
CH322-99M12	CHORI-322	3R	17650906	17673063
CH322-99M13	CHORI-322	3L	16786012	16808436
CH322-99M14	CHORI-322	2L	13395537	13415622
CH322-99M16	CHORI-322	3L	1211251	1234382
CH322-99M19	CHORI-322	3R	21882435	21903716
CH322-99M20	CHORI-322	2R	7544112	7562960
CH322-99M21	CHORI-322	3L	12232681	12254559
CH322-99M22	CHORI-322	3R	23014819	23036772
CH322-99M24	CHORI-322	2L	5563473	5583916
CH322-99N02	CHORI-322	2L	2575624	2596636
CH322-99N03	CHORI-322	2RHet	3047853	3069365
CH322-99N06	CHORI-322	2R	8516716	8537955
CH322-99N09	CHORI-322	3R	18361712	18382342
CH322-99N10	CHORI-322	3L	23662084	23683047
CH322-99N11	CHORI-322	3R	6963531	6984939
CH322-99N13	CHORI-322	2L	11081690	11104871
CH322-99N15	CHORI-322	3R	14001928	14022107
CH322-99N17	CHORI-322	3L	4435307	4458297
CH322-99N20	CHORI-322	3L	22712155	22734758
CH322-99N21	CHORI-322	3L	23935857	23955352
CH322-99N22	CHORI-322	3L	21828714	21850246
CH322-99N23	CHORI-322	2R	6699149	6721772
CH322-99O07	CHORI-322	X	11237678	11257761
CH322-99O11	CHORI-322	3L	19267151	19291165
CH322-99O12	CHORI-322	3R	25090163	25113619

CH322-99O13	CHORI-322	3R	7828265	7848834
CH322-99O16	CHORI-322	2R	869291	892779
CH322-99O18	CHORI-322	3L	21167205	21189598
CH322-99O22	CHORI-322	3R	14430143	14452918
CH322-99P08	CHORI-322	3R	1338632	1360139
CH322-99P09	CHORI-322	2L	5530090	5549912
CH322-99P10	CHORI-322	3R	25059437	25081943
CH322-99P11	CHORI-322	3R	22811125	22832210
CH322-99P12	CHORI-322	3R	9526908	9547583
CH322-99P14	CHORI-322	2R	6620361	6643746
CH322-99P15	CHORI-322	2R	2677398	2696143
CH322-99P16	CHORI-322	3L	21071439	21094099
CH322-99P18	CHORI-322	3R	2804398	2824567
CH322-99P19	CHORI-322	3L	12342800	12366683
CH322-99P20	CHORI-322	3L	13572800	13595284