

Supplementary Table 2. Concordant white-throated sparrow BAC clones relative to zebra finch genome (taeGut1).

Clone Name	Position in zebra finch genome	GenBank Ac#s	Distance between left and right BES (bp)
CH264-069M12	Chr3_random:112781-267710	FI594053,FI594052	154929
CH264-408O05	Chr3_random:114446-252887	FI594564,FI594563	138441
CH264-526B14	Chr3_random:123980-258157	FI595466,FI595465	134177
CH264-510O23	Chr3_random:472238-622593	FI595282,FI595281	150355
CH264-005I09	Chr3_random:472262-622421	FI593578,FI593577	150159
CH264-110D06	Chr3:19692981-19863058	FI593241,FI593240	170077
CH264-095P08	Chr3:19792021-19960714	FI593076,FI593075	168693
CH264-518D22	Chr3:19792121-19948334	FI593986,FI593987	156213
CH264-370N20	Chr3:19792356-19948425	FI593918,FI593919	156069
CH264-379O08	Chr3:19809446-19946646	FI594026,FI594027	137200
CH264-069E07	Chr3:19817506-19970191	FI592777,FI592776	152685
CH264-393J20	Chr3:21504521-21658944	FI594160,FI594159	154423
CH264-415P04	Chr3:21504523-21667678	FI593637,FI593636	163155
CH264-212A09	Chr3:21546589-21704389	FI593302,FI593303	157800
CH264-418D09	Chr3:21546589-21698175	FI593656,FI593657	151586
CH264-292G06	Chr3:21554326-21715062	FI593205,FI593204	160736
CH264-283P08	Chr3:21566113-21704357	FI593128,FI593127	138244
CH264-274O09	Chr3:21566129-21720780	FI593016,FI593015	154651
CH264-404O23	Chr3:21566129-21698167	FI593536,FI593535	132038
CH264-391B03	Chr3:21572240-21715497	FI594103,FI594102	143257
CH264-505M01	Chr3:21573510-21715032	FI593862,FI593863	141522
CH264-247F17	Chr3:21575946-21726256	FI593509,FI593508	150310
CH264-004F16	Chr3:21576093-21747804	FI592778,FI592779	171711
CH264-105P10	Chr3:21576093-21745366	FI593176,FI593177	169273
CH264-071D17	Chr3:21581576-21724682	FI592788,FI592789	143106
CH264-091E14	Chr3:21584235-21738627	FI593047,FI593048	154392
CH264-011A22	Chr3:21590192-21745376	FI592875,FI592874	155184
CH264-452B10	Chr3:21590192-21726252	FI594033,FI594032	136060
CH264-025P18	Chr3:21590704-21758923	FI592994,FI592993	168219
CH264-030M18	Chr3:21591780-21750092	FI593062,FI593061	158312
CH264-085P13	Chr3:21594846-21747708	FI592967,FI592968	152862
CH264-290D19	Chr3:21594846-21747756	FI593197,FI593196	152910
CH264-420I04	Chr3:21594922-21745366	FI593715,FI593714	150444
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CH264-439P20	Chr3:21596333-21745109	FI593909,FI593908	148776
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CH264-153C06	Chr3:21596473-21726252	FI592839,FI592838	129779

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CH264-396P22	Chr3:21598117-21747804	FI594183,FI594184	149687
CH264-104A22	Chr3:21610250-21773099	FI593169,FI593168	162849
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CH264-010C15	Chr3:21621852-21773099	FI592863,FI592862	151247
CH264-416K04	Chr3:21626898-21774171	FI593649,FI593648	147273
CH264-109H10	Chr3:21626924-21788130	FI593237,FI593236	161206
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CH264-171G21	Chr3:21633001-21781623	FI592997,FI592998	148622
CH264-313H01	Chr3:21633082-21777067	FI593420,FI593421	143985
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CH264-484A06	Chr3:21682314-21831028	FI593607,FI593606	148714
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CH264-513N07	Chr3:21710686-21875750	FI593959,FI593958	165064
CH264-098N23	Chr3:21710698-21871417	FI593147,FI593148	160719
CH264-067L04	Chr3:21710701-21861819	FI592760,FI592761	151118
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CH264-122H15	Chr3:21720807-21877181	FI593332,FI593333	156374
CH264-326O22	Chr3:21723391-21873406	FI593548,FI593547	150015
CH264-371B11	Chr3:21724702-21873403	FI593923,FI593922	148701
CH264-225C13	Chr3:21726276-21877259	FI593386,FI593387	150983
CH264-082A17	Chr3:21738661-21896998	FI592897,FI592896	158337
CH264-283N17	Chr3:21745154-21893442	FI593120,FI593119	148288
CH264-291G24	Chr3:21745161-21902894	FI593200,FI593201	157733
CH264-276P06	Chr3:21745384-21892509	FI593035,FI593036	147125
CH264-480O05	Chr3:21747859-21902894	FI593584,FI593583	155035
CH264-501C08	Chr3:21758936-21899405	FI593789,FI593788	140469
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CH264-194J11	Chr3:21774219-21929804	FI593207,FI593206	155585
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CH264-155H15	Chr3:21792691-21945369	FI592847,FI592846	152678

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CH264-279M14	Chr3:24139577-24298977	FI596434,FI596435	159400
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CH264-458G16	Chr3:24147196-24291118	FI596318,FI596319	143922
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CH264-052H21	Chr3:24244297-24412105	FI596184,FI596185	167808
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CH264-186C04	Chr3:27883540-28036994	FI595633,FI595634	153454
CH264-364O14	Chr3:27891948-28038590	FI596057,FI596056	146642
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CH264-137J12	Chr3:27936254-28106035	FI595318,FI595317	169781
CH264-457J02	Chr3:27943209-28103638	FI596047,FI596046	160429
CH264-372G15	Chr3:27943212-28103748	FI596085,FI596084	160536
CH264-042H19	Chr3:27943264-28103365	FI595365,FI595366	160101
CH264-338I23	Chr3:27944737-28103638	FI595931,FI595932	158901
CH264-436K05	Chr3:27944802-28103753	FI595934,FI595933	158951
CH264-416H15	Chr3:27949947-28111390	FI595838,FI595837	161443
CH264-525H06	Chr3:27949947-28099907	FI595942,FI595941	149960
CH264-230J06	Chr3:27951070-28111389	FI595251,FI595252	160319
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CH264-016G11	Chr3:27972079-28153495	FI595103,FI595102	181416
CH264-165F15	Chr3:27972172-28144653	FI595492,FI595491	172481
CH264-446K07	Chr3:28000046-28168171	FI595998,FI595999	168125
CH264-351I13	Chr3:28000049-28144653	FI595989,FI595988	144604

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CH264-143I23	Chr3:28015766-28182501	FI595328,FI595327	166735
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CH264-211H18	Chr3:28022705-28182513	FI595141,FI595142	159808
CH264-218N02	Chr3:28022706-28194455	FI595227,FI595228	171749
CH264-334O17	Chr3:28024839-28184354	FI595915,FI595916	159515
CH264-025F17	Chr3:28026496-28182506	FI595181,FI595182	156010
CH264-351H24	Chr3:28026496-28183501	FI595985,FI595984	157005
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CH264-164P16	Chr3:28026785-28195232	FI595484,FI595483	168447
CH264-082C23	Chr3:28026790-28212007	FI595550,FI595549	185217
CH264-223K19	Chr3:28026790-28184754	FI595244,FI595243	157964
CH264-373A09	Chr3:28026790-28185896	FI596088,FI596089	159106
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CH264-123C12	Chr3:28090230-28241841	FI595155,FI595156	151611
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CH264-385G17	Chr3:28090230-28240282	FI596125,FI596124	150052
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CH264-358G11	Chr3:28093465-28240725	FI596036,FI596037	147260
CH264-303L05	Chr3:28093470-28249537	FI595759,FI595760	156067
CH264-194P22	Chr3:28093820-28228868	FI595662,FI595661	135048
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CH264-262P02	Chr3:28111398-28254435	FI595505,FI595506	143037
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CH264-150G04	Chr3:28119760-28266757	FI595348,FI595347	146997
CH264-224G23	Chr3:28132193-28286990	FI595247,FI595248	154797
CH264-249F07	Chr3:28132983-28283070	FI595412,FI595413	150087

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CH264-126A22	Chr3:28144749-28299705	FI595217,FI595218	154956
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CH264-488O15	Chr3:28167195-28330163	FI595723,FI595722	162968
CH264-391F23	Chr3:28168413-28321583	FI595679,FI595680	153170
CH264-277A09	Chr3:28211563-28354271	FI595581,FI595580	142708
CH264-058B01	Chr3:28212143-28357915	FI595459,FI595460	145772
CH264-329C14	Chr3:28253679-28399493	FI595896,FI595895	145814
CH264-508N05	Chr3:28253679-28401396	FI595871,FI595872	147717
CH264-169I12	Chr3:28261310-28417668	FI595504,FI595503	156358
CH264-178O13	Chr3:28269393-28421375	FI595567,FI595568	151982
CH264-290I04	Chr3:28269393-28414822	FI595664,FI595663	145429
CH264-380M20	Chr3:28281652-28424279	FI596109,FI596108	142627
CH264-318L01	Chr3:28287291-28436370	FI595836,FI595835	149079
CH264-148H20	Chr3:28290895-28457762	FI595340,FI595339	166867
CH264-218C14	Chr3:28310528-28471490	FI595219,FI595220	160962
CH264-087I22	Chr3:28312119-28471489	FI595602,FI595603	159370
CH264-383L20	Chr3:28312119-28457762	FI596121,FI596120	145643
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CH264-269M08	Chr3:28348454-28506199	FI595522,FI595521	157745
CH264-130P05	Chr3:28355729-28517289	FI595246,FI595245	161560
CH264-489L18	Chr3:33885897-34010849	FI593675,FI593674	124952
CH264-278L12	Chr3:33891560-34037256	FI593040,FI593039	145696
CH264-490D15	Chr3:33891560-34010923	FI593678,FI593679	119363
CH264-192B08	Chr3:33891561-34005272	FI593190,FI593191	113711
CH264-010F10	Chr3:33891577-34023207	FI592867,FI592866	131630
CH264-451M05	Chr3:33891577-34046535	FI594025,FI594024	154958
CH264-455N07	Chr3:33891577-34017180	FI594101,FI594100	125603
CH264-017J11	Chr3:33891579-34012679	FI592962,FI592961	121100
CH264-030N05	Chr3:33891581-34019788	FI593066,FI593065	128207
CH264-193N16	Chr3:33891665-34052770	FI593198,FI593199	161105
CH264-079I14	Chr3:33891690-34016480	FI592873,FI592872	124790
CH264-255O11	Chr3:33893853-34005271	FI592844,FI592845	111418
CH264-355A11	Chr3:33893853-34002703	FI593749,FI593748	108850
CH264-150I07	Chr3:33893969-34010849	FI592827,FI592826	116880
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CH264-121P02	Chr3:33897394-34010904	FI593280,FI593281	113510
CH264-363P13	Chr3:33932935-34095789	FI593843,FI593842	162854
CH264-372P08	Chr3:33939171-34096495	FI593998,FI593999	157324

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CH264-172O12	Chr3:39560373-39710193	FI593017,FI593018	149820
CH264-030O20	Chr3:39571421-39733198	FI593069,FI593070	161777
CH264-442B05	Chr3:39589855-39750991	FI593916,FI593917	161136
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CH264-016K18	Chr3:39631405-39807083	FI592958,FI592957	175678
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CH264-423G20	Chr3:39632826-39782349	FI593730,FI593731	149523
CH264-203P21	Chr3:39640587-39808423	FI593227,FI593226	167836
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CH264-402N13	Chr3:39640623-39806394	FI593534,FI593533	165771
CH264-365C24	Chr3:39641848-39791759	FI593906,FI593907	149911
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CH264-326C03	Chr3:39682812-39840384	FI593544,FI593543	157572
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CH264-087K12	Chr3:39682848-39846945	FI592980,FI592979	164097
CH264-032I13	Chr3:39691722-39857205	FI593089,FI593090	165483
CH264-049N13	Chr3:39691722-39858231	FI593274,FI593275	166509
CH264-443O06	Chr3:39699565-39849839	FI593928,FI593929	150274
CH264-042P03	Chr3:39702144-39854946	FI593243,FI593242	152802
CH264-003P02	Chr3:39733523-39907398	FI592770,FI592771	173875
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CH264-449I22	Chr3:39733523-39884481	FI594004,FI594005	150958
CH264-391H09	Chr3:39752003-39917823	FI594114,FI594115	165820
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CH264-056B20	Chr3:46642193-46811010	FI593363,FI593362	168817
CH264-033K21	Chr3:48403636-48559559	FI593857,FI593856	155923
CH264-414K16	Chr3:55784274-55961464	FI593621,FI593620	177190
CH264-435J24	Chr3:55816914-55976289	FI593896,FI593897	159375
CH264-111H08	Chr3:55817270-55974031	FI593245,FI593244	156761
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CH264-006E24	Chr3:55822665-55973924	FI592794,FI592795	151259
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CH264-275O14	Chr3:55956655-56106816	FI593028,FI593027	150161
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CH264-306L16	Chr3:55974132-56131534	FI593389,FI593388	157402
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CH264-274P15	Chr3:56064807-56212249	FI593019,FI593020	147442
CH264-106A11	Chr3:56073456-56240909	FI593181,FI593180	167453
CH264-286J17	Chr3:56080991-56229147	FI593140,FI593139	148156
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CH264-455O24	Chr3:56169512-56335485	FI594104,FI594105	165973
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CH264-231E20	Chr3:56215237-56391863	FI593422,FI593423	176626



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CH264-294N15	Chr3:56257021-56404633	FI593217,FI593216	147612
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CH264-226N02	Chr3:56258620-56422420	FI593403,FI593402	163800
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CH264-045C10	Chr3:56265384-56422419	FI593259,FI593258	157035
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CH264-459O04	Chr3:56291824-56441609	FI594124,FI594125	149785
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CH264-173C17	Chr3:56310146-56463843	FI593022,FI593021	153697
CH264-437E17	Chr3:56315591-56464421	FI593900,FI593901	148830
CH264-437E19	Chr3:56315613-56464386	FI593904,FI593905	148773
CH264-114O11	Chr3:56316871-56470193	FI593253,FI593252	153322
CH264-051N05	Chr3:56322993-56470193	FI593331,FI593330	147200
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CH264-392A09	Chr3:56325688-56468329	FI594119,FI594118	142641
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CH264-163K05	Chr3:56329319-56498218	FI592911,FI592910	168899
CH264-082C14	Chr3:56329417-56498218	FI592901,FI592900	168801
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CH264-166F23	Chr3:56365873-56526869	FI592923,FI592922	160996
CH264-391C11	Chr3:56368135-56517543	FI594106,FI594107	149408
CH264-364D12	Chr3:56368210-56517543	FI593895,FI593894	149333
CH264-105E12	Chr3:56387316-56541259	FI593172,FI593173	153943
CH264-328F06	Chr3:65511427-65672124	FI596163,FI596162	160697
CH264-196K24	Chr3:65868122-66020079	FI593211,FI593210	151957
CH264-474L11	Chr3:65868266-66017304	FI593580,FI593579	149038
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CH264-321C21	Chr3:65877863-66034254	FI593518,FI593517	156391
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CH264-280K17	Chr3:65887736-66034211	FI593099,FI593100	146475
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CH264-318N13	Chr3:65895573-66041511	FI593506,FI593507	145938
CH264-447L07	Chr3:65896828-66044870	FI593996,FI593997	148042
CH264-253K05	Chr3:65906208-66060346	FI592832,FI592833	154138
CH264-281J08	Chr3:65906613-66041511	FI593107,FI593108	134898
CH264-041N10	Chr3:65942714-66100452	FI593238,FI593239	157738
CH264-097F21	Chr3:65975617-66134232	FI593088,FI593087	158615
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CH264-009C22	Chr3:65977919-66126251	FI592803,FI592802	148332
CH264-446F11	Chr3:65977924-66143879	FI593941,FI593940	165955
CH264-272N17	Chr3:65990098-66150827	FI592944,FI592943	160729
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CH264-125E20	Chr3:65990112-66120484	FI593341,FI593340	130372
CH264-275L01	Chr3:65990112-66140639	FI593024,FI593023	150527
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CH264-013B22	Chr3:66002803-66174859	FI592882,FI592883	172056
CH264-060N10	Chr3:66002812-66168084	FI593439,FI593438	165272
CH264-175O04	Chr3:66010796-66175220	FI593093,FI593094	164424
CH264-039H18	Chr3:66017654-66182930	FI593178,FI593179	165276
CH264-375E03	Chr3:66031126-66175220	FI594014,FI594015	144094
CH264-464N10	Chr3:66034444-66182930	FI594169,FI594170	148486
CH264-426D08	Chr3:66044970-66201934	FI593805,FI593806	156964
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CH264-031O05*	Chr3:69515459-69677334	FI593081,FI593082	161875
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CH264-094J20*	Chr3:69541180-69698009	FI593055,FI593056	156829
CH264-492A17*	Chr3:69541180-69692964	FI593690,FI593691	151784
CH264-399M13*	Chr3:69609491-69760280	FI593521,FI593522	150789
CH264-398E16*	Chr3:69621355-69774167	FI594191,FI594192	152812
CH264-416J17*	Chr3:69621369-69791015	FI593644,FI593645	169646
CH264-481H19*	Chr3:69666273-69813486	FI593592,FI593591	147213
CH264-124E22*	Chr3:69695600-69844769	FI593337,FI593336	149169
CH264-471O10*	Chr3:69704464-69844769	FI593576,FI593575	140305
CH264-264G20*	Chr3:69708826-69850364	FI592912,FI592913	141538
CH264-449I23*	Chr3:69725144-69880102	FI594008,FI594009	154958

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CH264-152F03*	Chr3:69725294-69880100	FI592831,FI592830	154806
CH264-203J04*	Chr3:69753731-69921244	FI593222,FI593223	167513
CH264-363O05*	Chr3:69759701-69927149	FI593838,FI593839	167448
CH264-060A04*	Chr3:69759706-69926664	FI593430,FI593431	166958
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CH264-459D12*	Chr3:69765826-69927149	FI594116,FI594117	161323
CH264-394C13*	Chr3:69785540-69948821	FI594171,FI594172	163281
CH264-373H03*	Chr3:69787608-69935461	FI594007,FI594006	147853
CH264-362O18*	Chr3:69791025-69935460	FI594281,FI594280	144435
CH264-455G11*	Chr3:69791028-69948815	FI594946,FI594947	157787
CH264-109O13*	Chr3:69793666-69948760	FI594234,FI594235	155094
CH264-149G05*	Chr3:69811294-69973133	FI594606,FI594605	161839
CH264-449L21*	Chr3:69813767-69975759	FI594873,FI594874	161992
CH264-293M01*	Chr3:69837967-69999396	FI594381,FI594382	161429
CH264-519C12*	Chr3:69839525-69999315	FI595379,FI595380	159790
CH264-225P20*	Chr3:69839546-69994608	FI594509,FI594510	155062
CH264-514P20*	Chr3:69839546-69999315	FI595297,FI595298	159769
CH264-183C22*	Chr3:69844785-70003129	FI594902,FI594901	158344
CH264-407M12*	Chr3:69848322-69994504	FI594555,FI594556	146182
CH264-157A09*	Chr3:69848323-70003126	FI594645,FI594644	154803
CH264-010K04*	Chr3:69850566-70007003	FI593609,FI593608	156437
CH264-191K12*	Chr3:69850566-70024640	FI594237,FI594236	174074
CH264-431M04*	Chr3:69850566-70006873	FI594769,FI594768	156307
CH264-050E07*	Chr3:69850853-70019584	FI593944,FI593945	168731
CH264-262I07*	Chr3:69850853-70019584	FI594802,FI594803	168731
CH264-150O22*	Chr3:69850854-70020314	FI594617,FI594618	169460
CH264-450B12*	Chr3:69850864-69999396	FI594880,FI594881	148532
CH264-024O18*	Chr3:69853637-70020224	FI593770,FI593771	166587
CH264-489A03*	Chr3:69861500-70007009	FI595093,FI595092	145509
CH264-195G15*	Chr3:69861512-70019584	FI594257,FI594256	158072
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CH264-415I22*	Chr3:69872685-70024639	FI595829,FI595830	151954
CH264-353M16*	Chr3:69875973-70024621	FI594942,FI594941	148648
CH264-114C07*	Chr3:69875976-70026931	FI594255,FI594254	150955
CH264-046C14*	Chr3:69876055-70026930	FI593877,FI593876	150875
CH264-425M15*	Chr3:69880124-70003032	FI594694,FI594693	122908

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CH264-029D16*	Chr3:69935484-70090085	FI593798,FI593797	154601
CH264-230I16*	Chr3:69935490-70097198	FI594538,FI594537	161708
CH264-195P23*	Chr3:69939721-70102308	FI594260,FI594261	162587
CH264-294D19*	Chr3:69939721-70086584	FI594386,FI594385	146863
CH264-098D24*	Chr3:69956324-70121402	FI594206,FI594205	165078
CH264-203A06*	Chr3:69960996-70121584	FI594348,FI594347	160588
CH264-166F04*	Chr3:69986238-70142569	FI594788,FI594789	156331
CH264-490N07*	Chr3:69994626-70166814	FI595105,FI595104	172188
CH264-019P11*	Chr3:69999705-70166817	FI593754,FI593755	167112
CH264-013B21*	Chr3:70020338-70180246	FI593668,FI593669	159908
CH264-143C01*	Chr3:70020343-70166816	FI594544,FI594543	146473
CH264-321D18*	Chr3:70020343-70181464	FI594589,FI594590	161121
CH264-123H08*	Chr3:70020345-70179708	FI594350,FI594349	159363
CH264-196H09*	Chr3:70020348-70171870	FI594265,FI594264	151522
CH264-361J15*	Chr3:70020350-70166710	FI594973,FI594972	146360
CH264-021N17*	Chr3:70026950-70179708	FI593758,FI593759	152758
CH264-326E13*	Chr3:70026965-70186652	FI594661,FI594660	159687
CH264-163O17*	Chr3:70057073-70220618	FI594719,FI594718	163545
CH264-516G09*	Chr3:70064412-70215339	FI595355,FI595356	150927
CH264-149H11*	Chr3:70081187-70243822	FI594609,FI594610	162635
CH264-028K21*	Chr3:70090177-70261693	FI593793,FI593794	171516
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CH264-255P19*	Chr3:70098695-70256059	FI594736,FI594737	157364
CH264-167B18*	Chr3:70102323-70267169	FI594796,FI594797	164846
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CH264-120M03*	Chr3:70102438-70261840	FI594330,FI594329	159402
CH264-430N19*	Chr3:70109802-70256063	FI594765,FI594764	146261
CH264-246A06*	Chr3:70282367-70429097	FI594713,FI594714	146730
CH264-351F21*	Chr3:70282367-70429100	FI594930,FI594929	146733
CH264-401P17*	Chr3:70282372-70440858	FI594485,FI594486	158486
CH264-517L06*	Chr3:70282372-70427854	FI595372,FI595371	145482
CH264-524D13*	Chr3:70314258-70464381	FI595449,FI595450	150123
CH264-446D14*	Chr3:70333030-70475629	FI594858,FI594857	142599
CH264-035H19*	Chr3:70333032-70486871	FI593860,FI593861	153839
CH264-148H17*	Chr3:70337371-70486863	FI594601,FI594602	149492
CH264-463J10*	Chr3:70337463-70479744	FI594983,FI594984	142281
CH264-274A06*	Chr3:70337729-70479744	FI594920,FI594919	142015

CH264-230L24*	Chr3:70337736-70479740	FI594542,FI594541	142004
CH264-331D14*	Chr3:70377850-70518403	FI594687,FI594688	140553
CH264-124J12*	Chr3:70385975-70543785	FI594362,FI594361	157810
CH264-503O08*	Chr3:70385975-70533106	FI595208,FI595207	147131
CH264-406E22*	Chr3:70385976-70547258	FI594501,FI594502	161282
CH264-332K11*	Chr3:70415388-70569036	FI594742,FI594743	153648
CH264-194E07*	Chr3:70419839-70576635	FI594249,FI594248	156796
CH264-015B08*	Chr3:70429124-70586389	FI593672,FI593673	157265
CH264-032J17*	Chr3:70431710-70586389	FI593852,FI593853	154679
CH264-358C02*	Chr3:70431710-70586404	FI593807,FI593808	154694
CH264-164G23*	Chr3:70436321-70586389	FI594726,FI594727	150068
CH264-272L02*	Chr3:70475735-70633466	FI594911,FI594912	157731
CH264-078J23*	Chr3:70482019-70651202	FI594129,FI594130	169183
CH264-056H22*	Chr3:70500631-70651202	FI593973,FI593972	150571
CH264-334A06*	Chr3:70506799-70651202	FI595911,FI595912	144403
CH264-346N13*	Chr3:70524389-70676586	FI594851,FI594852	152197
CH264-132C13*	Chr3:70533291-70692956	FI594443,FI594444	159665
CH264-468E16*	Chr3:70533291-70676542	FI594996,FI594995	143251
CH264-302F09*	Chr3:70542900-70699232	FI594475,FI594476	156332
CH264-491O05*	Chr3:70543819-70702527	FI595108,FI595109	158708
CH264-021P06*	Chr3:70547404-70702585	FI593762,FI593763	155181
CH264-295K02*	Chr3:70547404-70699710	FI594401,FI594402	152306
CH264-501O05*	Chr3:70558923-70708585	FI595191,FI595192	149662
CH264-164F04*	Chr3:70558930-70713131	FI594723,FI594722	154201
CH264-345A02*	Chr3:70558930-70696736	FI594844,FI594843	137806
CH264-054H05*	Chr3:70569177-70739906	FI593965,FI593964	170729
CH264-047K12*	Chr3:70569254-70716294	FI593889,FI593888	147040
CH264-356H02*	Chr3:70574651-70721559	FI594949,FI594948	146908
CH264-294F05*	Chr3:70574783-70716380	FI594389,FI594390	141597
CH264-411B13*	Chr3:70574783-70713118	FI594571,FI594572	138335
CH264-501O15*	Chr3:70574783-70728457	FI595196,FI595195	153674
CH264-092L09*	Chr3:70610552-70780880	FI595607,FI595606	170328
CH264-461O12*	Chr3:70696756-70875799	FI596062,FI596063	179043
CH264-353C06*	Chr3:70705988-70855717	FI595993,FI595992	149729
CH264-209K12*	Chr3:70708826-70875780	FI595129,FI595130	166954
CH264-141O09*	Chr3:70716423-70875781	FI595321,FI595322	159358
CH264-090A01*	Chr3:70744354-70915199	FI596236,FI596237	170845
CH264-194L19*	Chr3:70752019-70905053	FI595657,FI595658	153034
CH264-313A04*	Chr3:70752019-70908504	FI595784,FI595783	156485

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CH264-455O10*	Chr3:70752152-70902338	FI596043,FI596042	150186
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CH264-235L08*	Chr3:70752781-70922880	FI595329,FI595330	170099
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CH264-409A09*	Chr3:70764580-70922472	FI595781,FI595782	157892
CH264-392K12*	Chr3:70764585-70921519	FI595690,FI595691	156934
CH264-381D18*	Chr3:70765580-70921837	FI596112,FI596113	156257
CH264-033B19*	Chr3:70765581-70922483	FI595259,FI595260	156902
CH264-175B03*	Chr3:70765587-70934540	FI595527,FI595528	168953
CH264-060A09*	Chr3:70779325-70934551	FI595468,FI595467	155226
CH264-040K14*	Chr3:70780893-70929437	FI595303,FI595304	148544
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CH264-128A19*	Chr3:70780894-70949760	FI595237,FI595238	168866
CH264-431D15*	Chr3:70780894-70931716	FI595909,FI595910	150822
CH264-134J08*	Chr3:70780932-70946891	FI595310,FI595309	165959
CH264-111N23*	Chr3:70787625-70949949	FI595120,FI595121	162324
CH264-489D05*	Chr3:70796693-70966291	FI595724,FI595725	169598
CH264-236C03*	Chr3:70796797-70949760	FI595333,FI595334	152963
CH264-085H11*	Chr3:70797446-70961767	FI595551,FI595552	164321
CH264-273O09*	Chr3:70803671-70961762	FI595569,FI595570	158091
CH264-223H02	Chr3:70827483-70991679	FI595240,FI595239	164196
CH264-312K16	Chr3:70827500-70985470	FI595780,FI595779	157970
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CH264-127L07	Chr3:70874859-71035222	FI595234,FI595233	160363
CH264-302N24	Chr3:70875849-71040588	FI595747,FI595748	164739
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CH264-448L10	Chr3:70875856-71028432	FI596007,FI596006	152576
CH264-292H08	Chr3:70908582-71054520	FI595668,FI595667	145938
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CH264-283G20	Chr3:70931754-71076185	FI595601,FI595600	144431
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CH264-045I15	Chr3:70986871-71142424	FI595373,FI595374	155553
CH264-258E08	Chr3:70989209-71154506	FI595440,FI595439	165297
CH264-177L19	Chr3:70990845-71146273	FI595564,FI595563	155428
CH264-361D02	Chr3:71001931-71158690	FI596045,FI596044	156759

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CH264-035G13	Chr3:71028656-71179911	FI595292,FI595291	151255
CH264-192C14	Chr3:71035336-71210316	FI595650,FI595649	174980
CH264-303J07	Chr3:71035336-71184821	FI595756,FI595755	149485
CH264-502G04	Chr3:71035336-71210511	FI595810,FI595809	175175
CH264-117C07	Chr3:71045211-71214836	FI595140,FI595139	169625
CH264-160A19	Chr3:71045211-71214840	FI595425,FI595426	169629
CH264-490P05	Chr3:71045211-71179884	FI595730,FI595731	134673
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CH264-418I12	Chr3:71054671-71214905	FI595845,FI595846	160234
CH264-355F17	Chr3:71054677-71210499	FI596009,FI596008	155822
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CH264-041K10	Chr3:71058841-71222915	FI595361,FI595362	164074
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CH264-284A21	Chr3:71064273-71223853	FI595628,FI595627	159580
CH264-400M15	Chr3:71064273-71223252	FI595754,FI595753	158979
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CH264-299M03	Chr3:71071746-71223252	FI595712,FI595713	151506
CH264-455N04	Chr3:71071746-71224162	FI596038,FI596039	152416
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CH264-239I12	Chr3:71116229-71258579	FI595338,FI595337	142350
CH264-188E06	Chr3:71123240-71286197	FI595641,FI595642	162957
CH264-007K13	Chr3:71123242-71293636	FI595001,FI595002	170394
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CH264-195E14	Chr3:71214857-71360425	FI595665,FI595666	145568
CH264-321P06	Chr3:71214930-71357426	FI595852,FI595851	142496
CH264-357I09	Chr3:71214930-71370790	FI596033,FI596032	155860
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CH264-242F23	Chr3:71286223-71442862	FI595341,FI595342	156639
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CH264-321F19	Chr3:71294142-71443061	FI593519,FI593520	148919
CH264-188F23	Chr3:71298421-71442880	FI593130,FI593129	144459
CH264-382N07	Chr3:71300833-71456477	FI594035,FI594034	155644
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CH264-113D14	Chr3:71310061-71466670	FI593249,FI593248	156609
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CH264-064G05	Chr3:71321387-71468237	FI593463,FI593462	146850
CH264-452G23	Chr3:71321387-71464888	FI594036,FI594037	143501
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CH264-516C11	Chr3:71321392-71468234	FI593970,FI593971	146842
CH264-516O05	Chr3:71321392-71468248	FI593982,FI593983	146856
CH264-521O11	Chr3:71321392-71464888	FI594047,FI594046	143496
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CH264-419I24	Chr3:71339814-71486587	FI593710,FI593711	146773
CH264-131B10	Chr3:71339816-71486587	FI593364,FI593365	146771



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CH264-160G10	Chr3:78864156-79037127	FI592903,FI592902	172971
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CH264-471K04	Chr3:78878562-79021546	FI593568,FI593567	142984
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CH264-301F24	Chr3:89874666-90030724	FI593304,FI593305	156058
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CH264-514C12	Chr3:89978737-90124675	FI593963,FI593962	145938
CH264-180F20	Chr3:90012693-90163116	FI593113,FI593114	150423
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CH264-084J20	Chr3:90028943-90174678	FI592956,FI592955	145735
CH264-228N16	Chr3:90028943-90174787	FI593410,FI593411	145844
CH264-327J08	Chr3:98618780-98765662	FI594672,FI594673	146882
CH264-027C14	Chr3:98643564-98797147	FI593775,FI593774	153583
CH264-153I23	Chr3:98644239-98793957	FI594625,FI594624	149718
CH264-420I15	Chr3:98680443-98844558	FI594658,FI594659	164115
CH264-285P02	Chr3:98693836-98858198	FI594298,FI594299	164362
CH264-525N24	Chr3:98695958-98847114	FI595462,FI595461	151156
CH264-498F23	Chr3:98706141-98858206	FI595183,FI595184	152065
CH264-034I13	Chr3:98710268-98860206	FI595276,FI595275	149938
CH264-169K20	Chr3:98712018-98892969	FI594804,FI594805	180951
CH264-304J17	Chr3:98712018-98860199	FI594487,FI594488	148181
CH264-372B15	Chr3:98712018-98860030	FI594312,FI594313	148012
CH264-018M12	Chr3:98727644-98888636	FI593693,FI593692	160992
CH264-079C19	Chr3:98738075-98889280	FI594134,FI594135	151205
CH264-162C13	Chr3:98738075-98904323	FI594707,FI594708	166248
CH264-393L02	Chr3:98738075-98889362	FI594167,FI594168	151287
CH264-265I05	Chr3:98756608-98892963	FI594822,FI594821	136355
CH264-104J15	Chr3:98756720-98899781	FI594219,FI594218	143061
CH264-150G14	Chr3:98757128-98918706	FI594614,FI594613	161578
CH264-283J13	Chr3:98757128-98904315	FI594271,FI594270	147187
CH264-213O22	Chr3:98768615-98918066	FI595149,FI595150	149451
CH264-335L23	Chr3:98780118-98949454	FI594762,FI594763	169336
CH264-369B09	Chr3:98791155-98942719	FI594305,FI594304	151564

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CH264-139K01	Chr3:98800472-98962389	FI594532,FI594531	161917
CH264-335B24	Chr3:98800551-98966909	FI594759,FI594758	166358
CH264-289N06	Chr3:98800564-98949397	FI594314,FI594315	148833
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CH264-156F14	Chr3:98809667-98979087	FI594632,FI594633	169420
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CH264-499H21	Chr3:98809667-98962389	FI595188,FI595187	152722
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CH264-441I09	Chr3:98839134-98980112	FI594850,FI594849	140978
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CH264-009A16	Chr3:98847833-99002790	FI593601,FI593602	154957
CH264-285H12	Chr3:98847833-99002876	FI594294,FI594295	155043
CH264-505F09	Chr3:98857414-99002876	FI595262,FI595261	145462
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CH264-497F18	Chr3:98860356-99002876	FI595171,FI595172	142520
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CH264-396F08	Chr3:98894173-99057347	FI594473,FI594474	163174
CH264-169J18	Chr3:98897247-99044922	FI594800,FI594801	147675
CH264-018N16	Chr3:98897414-99058087	FI593695,FI593694	160673
CH264-203M24	Chr3:98899902-99058079	FI594351,FI594352	158177
CH264-186I16	Chr3:98899903-99057366	FI594917,FI594918	157463
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CH264-327D16	Chr3:98901219-99043549	FI594664,FI594665	142330
CH264-396J22	Chr3:98901219-99044922	FI594478,FI594477	143703
CH264-051N11	Chr3:98904447-99047559	FI593957,FI593956	143112
CH264-330L11	Chr3:98913990-99084944	FI594684,FI594683	170954
CH264-419J12	Chr3:98913992-99081628	FI594655,FI594654	167636
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CH264-503J12	Chr3:98962463-99115955	FI595203,FI595204	153492
CH264-012G23	Chr3:98980160-99139716	FI593665,FI593664	159556
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CH264-375L15	Chr3:99043570-99198535	FI596222,FI596223	154965
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CH264-030N13	Chr3:99113179-99285593	FI596160,FI596161	172414
CH264-129G09	Chr3:99161992-99336276	FI594429,FI594430	174284
CH264-068N23	Chr3:99161997-99340628	FI594049,FI594048	178631
CH264-400C13	Chr3:99187133-99340937	FI596254,FI596255	153804
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CH264-485L21	Chr3:99235884-99395661	FI596139,FI596138	159777
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CH264-127M16	Chr3:99244448-99401754	FI594422,FI594421	157306
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CH264-404F12	Chr3:99244450-99395661	FI594494,FI594493	151211
CH264-026I13	Chr3:99259161-99414321	FI595194,FI595193	155160
CH264-267E07	Chr3:99259161-99416716	FI594830,FI594829	157555
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CH264-099I10	Chr3:99351744-99520617	FI594210,FI594211	168873
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CH264-318A12	Chr3:99362693-99518295	FI594569,FI594570	155602
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CH264-161G23	Chr3:99395859-99548904	FI594703,FI594704	153045
CH264-259I15	Chr3:99401776-99549834	FI594795,FI594794	148058
CH264-140O23	Chr3:99401779-99560697	FI594536,FI594535	158918
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CH264-347I19	Chr3:99408145-99556106	FI594859,FI594860	147961
CH264-318I16	Chr3:99410358-99565958	FI594578,FI594577	155600

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CH264-310J16	Chr3:99415075-99560648	FI594553,FI594554	145573
CH264-342B23	Chr3:99415085-99565958	FI594785,FI594784	150873
CH264-348D24	Chr3:99418927-99556106	FI594863,FI594864	137179
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CH264-461C06	Chr3:99454931-99623526	FI594967,FI594966	168595
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CH264-359M17	Chr3:99464643-99630908	FI594969,FI594968	166265
CH264-357I05	Chr3:99464646-99608201	FI594965,FI594964	143555
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CH264-415N01	Chr3:99465380-99608252	FI594583,FI594584	142872
CH264-343H13	Chr3:99472712-99608356	FI594839,FI594840	135644
CH264-215E16	Chr3:99477081-99619322	FI594431,FI594432	142241
CH264-182A15	Chr3:99479714-99623293	FI594890,FI594889	143579
CH264-424B12	Chr3:99479717-99619322	FI594678,FI594677	139605
CH264-287F12	Chr3:99479783-99638784	FI594311,FI594310	159001
CH264-345E06	Chr3:99503059-99668702	FI594848,FI594847	165643
CH264-042E01	Chr3:99509905-99658355	FI593872,FI593873	148450
CH264-517K08	Chr3:99518321-99666370	FI595364,FI595363	148049
CH264-015D24	Chr3:99518327-99678235	FI593676,FI593677	159908
CH264-074C20	Chr3:99518327-99678226	FI594061,FI594060	159899
CH264-330K17	Chr3:99550054-99691047	FI594680,FI594679	140993
CH264-522F11	Chr3:99573119-99715480	FI595396,FI595395	142361
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CH264-285P03	Chr3:99610172-99753386	FI594302,FI594303	143214
CH264-040J01	Chr3:99610733-99756164	FI593868,FI593869	145431
CH264-234M20	Chr3:99610733-99753398	FI594616,FI594615	142665
CH264-114P19	Chr3:99623306-99775330	FI594266,FI594267	152024
CH264-027G15	Chr3:99623604-99775166	FI593782,FI593783	151562
CH264-373J23	Chr3:99630926-99794668	FI596092,FI596093	163742
CH264-124G16	Chr3:99630928-99794668	FI594357,FI594358	163740
CH264-507C16	Chr3:99633832-99783748	FI595273,FI595274	149916
CH264-373M02	Chr3:99668736-99834140	FI594317,FI594316	165404
CH264-514L01	Chr3:99678326-99823171	FI595290,FI595289	144845
CH264-156H02	Chr3:99678368-99834272	FI594637,FI594636	155904
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CH264-521O15*	Chr3:106783722-106950858	FI595391,FI595392	167136
CH264-497L04*	Chr3:106783724-106949475	FI595180,FI595179	165751

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CH264-511K13*	Chr3:106837477-107006688	FI595285,FI595286	169211
CH264-045K21*	Chr3:106854851-107022028	FI595378,FI595377	167177
CH264-136C12*	Chr3:106861986-107019300	FI594507,FI594508	157314
CH264-226J11*	Chr3:106861986-107027452	FI594522,FI594521	165466
CH264-376O20*	Chr3:106868789-107022041	FI594383,FI594384	153252
CH264-177B03*	Chr3:106872624-107019300	FI594827,FI594828	146676
CH264-189P14*	Chr3:106872624-107023402	FI594225,FI594224	150778
CH264-076J24*	Chr3:106886730-107050966	FI594076,FI594077	164236
CH264-491P22*	Chr3:106886730-107050966	FI595163,FI595164	164236
CH264-343E10*	Chr3:106886733-107047599	FI594836,FI594835	160866
CH264-051D08*	Chr3:106891544-107063656	FI593953,FI593952	172112
CH264-172O21*	Chr3:106891544-107050620	FI594812,FI594811	159076
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CH264-185E16*	Chr3:106939984-107095817	FI594906,FI594905	155833
CH264-448H22*	Chr3:106939986-107087895	FI594870,FI594869	147909
CH264-234M17*	Chr3:106947302-107105643	FI594611,FI594612	158341
CH264-422D04*	Chr3:106949502-107114897	FI594671,FI594670	165395
CH264-059E04*	Chr3:106950062-107107813	FI593980,FI593981	157751
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CH264-479M11*	Chr3:106952776-107105657	FI595019,FI595020	152881
CH264-075N24*	Chr3:106956344-107116759	FI594065,FI594064	160415
CH264-526G07*	Chr3:106956344-107105655	FI595470,FI595469	149311
CH264-421M19*	Chr3:106975458-107142725	FI594666,FI594667	167267
CH264-375B22*	Chr3:106991616-107142850	FI594367,FI594368	151234
CH264-108D04*	Chr3:106991762-107154428	FI594231,FI594230	162666
CH264-089B20*	Chr3:106991852-107154560	FI594147,FI594146	162708
CH264-285F02*	Chr3:107023590-107195096	FI594291,FI594290	171506
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CH264-506I01*	Chr3:107043776-107195098	FI595265,FI595266	151322
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CH264-203O14*	Chr3:107051375-107212225	FI594356,FI594355	160850
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CH264-379E24*	Chr3:107065190-107214225	FI594396,FI594395	149035
CH264-518H02*	Chr3:107065190-107207395	FI595375,FI595376	142205
CH264-053F17*	Chr3:107074232-107221013	FI593961,FI593960	146781
CH264-182K13*	Chr3:107095850-107245918	FI594898,FI594897	150068

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CH264-076F10*	Chr3:107117076-107282028	FI594072,FI594073	164952
CH264-494K13*	Chr3:107117076-107278855	FI595168,FI595167	161779
CH264-019B14*	Chr3:107130522-107306222	FI593698,FI593699	175700
CH264-221G15*	Chr3:107132071-107304756	FI594449,FI594450	172685
CH264-006A18*	Chr3:107143813-107307651	FI594989,FI594990	163838
CH264-006O09*	Chr3:107143813-107307767	FI593589,FI593590	163954
CH264-006M13*	Chr3:107143823-107307651	FI593581,FI593582	163828
CH264-377M10*	Chr3:107154585-107309115	FI594387,FI594388	154530
CH264-113L06*	Chr3:107154586-107308634	FI594250,FI594251	154048
CH264-519D15*	Chr3:107154596-107308774	FI595387,FI595388	154178
CH264-284I02*	Chr3:107154691-107316009	FI594279,FI594278	161318
CH264-466L13*	Chr3:107156824-107309116	FI594991,FI594992	152292
CH264-105K03*	Chr3:107156929-107316006	FI594220,FI594221	159077
CH264-447D23*	Chr3:107171525-107336949	FI594862,FI594861	165424
CH264-231P07*	Chr3:107172540-107336919	FI594604,FI594603	164379
CH264-497G06*	Chr3:107740657-107903984	FI595798,FI595797	163327
CH264-060J16*	Chr3:107753759-107911209	FI595472,FI595471	157450
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CH264-067C02*	Chr3:107767695-107934162	FI595479,FI595480	166467
CH264-155H16*	Chr3:107767891-107934162	FI595417,FI595418	166271
CH264-026A11*	Chr3:107774512-107944638	FI595186,FI595185	170126
CH264-353D14*	Chr3:107797180-107955745	FI595996,FI595997	158565
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CH264-125A02*	Chr3:107801931-107958705	FI595211,FI595212	156774
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CH264-316O05*	Chr3:107811283-107960780	FI595815,FI595816	149497
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CH264-249I21*	Chr3:107847641-108005641	FI595420,FI595419	158000
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CH264-181C17*	Chr3:107868651-108033332	FI595582,FI595583	164681
CH264-319A09*	Chr3:107882682-108020889	FI595839,FI595840	138207
CH264-053N14*	Chr3:107887711-108033332	FI595448,FI595447	145621
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CH264-111G13*	Chr3:107905578-108053358	FI595116,FI595117	147780



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CH264-433I03*	Chr3:107977829-108120855	FI595922,FI595921	143026
CH264-179H18*	Chr3:107977950-108144360	FI595572,FI595571	166410
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CH264-506A15*	Chr3:107978942-108124972	FI595866,FI595865	146030
CH264-392K20*	Chr3:107979131-108119178	FI595695,FI595694	140047
CH264-306K09*	Chr3:107997182-108144345	FI595768,FI595767	147163
CH264-248C07*	Chr3:107997183-108144299	FI595404,FI595405	147116
CH264-004C22*	Chr3:108000237-108155904	FI594981,FI594982	155667
CH264-285C06*	Chr3:108000435-108144363	FI595636,FI595635	143928
CH264-402H15*	Chr3:108000435-108144345	FI595757,FI595758	143910
CH264-462L04*	Chr3:108005659-108166903	FI596322,FI596323	161244
CH264-293L05*	Chr3:108025015-108178090	FI596451,FI596450	153075
CH264-017M14*	Chr3:108033367-108197952	FI596149,FI596148	164585
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CH264-057G22*	Chr3:108043342-108199455	FI596189,FI596188	156113
CH264-239H12*	Chr3:108043342-108197949	FI596404,FI596405	154607
CH264-426M12*	Chr3:108052777-108199370	FI596287,FI596286	146593
CH264-333N02*	Chr3:108058371-108216508	FI596167,FI596166	158137
CH264-508P17*	Chr3:108059991-108197946	FI596394,FI596395	137955
CH264-077L15*	Chr3:108089501-108240908	FI595539,FI595540	151407
CH264-408F08*	Chr3:108089509-108240885	FI595777,FI595778	151376
CH264-055K02*	Chr3:108105748-108264412	FI595452,FI595451	158664
CH264-184I01*	Chr3:108105752-108264159	FI595598,FI595599	158407
CH264-299F05*	Chr3:108105752-108259172	FI595708,FI595709	153420
CH264-282I13*	Chr3:108105753-108259224	FI595592,FI595593	153471
CH264-458F12*	Chr3:108105753-108258131	FI596051,FI596050	152378
CH264-297J16*	Chr3:108105757-108264140	FI595697,FI595696	158383
CH264-196J24*	Chr3:108105762-108259240	FI595670,FI595669	153478
CH264-320D06*	Chr3:108105762-108279533	FI595848,FI595847	173771
CH264-203K09*	Chr3:108116474-108270852	FI595052,FI595051	154378
CH264-408C09*	Chr3:108125051-108275332	FI595773,FI595774	150281
CH264-183H06*	Chr3:108144739-108301924	FI595591,FI595590	157185
CH264-281M17*	Chr3:108321201-108427181	FI596441,FI596440	105980
CH264-065A14*	Chr3:108322769-108441310	FI596213,FI596212	118541
CH264-160H20*	Chr3:108322769-108453095	FI596333,FI596332	130326
CH264-321I14*	Chr3:108322792-108432827	FI596150,FI596151	110035

CH264-047F08*	Chr3:108322802-108432826	FI596181,FI596180	110024
CH264-079B12*	Chr3:108323575-108483109	FI596224,FI596225	159534
CH264-134F16*	Chr3:108323575-108483117	FI596304,FI596305	159542
CH264-368L15*	Chr3:108323575-108490624	FI596207,FI596206	167049
CH264-337K08*	Chr3:108324534-108473892	FI596171,FI596170	149358
CH264-295I01*	Chr3:108324627-108461418	FI596455,FI596454	136791
CH264-247B21*	Chr3:108328420-108488507	FI596412,FI596413	160087
CH264-471M13*	Chr3:108329979-108483109	FI596346,FI596347	153130
CH264-423K11*	Chr3:108333395-108453088	FI596278,FI596279	119693
CH264-164J13*	Chr3:108367845-108549158	FI595441,FI595442	181313
CH264-450J07*	Chr3:108391824-108552058	FI596022,FI596023	160234
CH264-125J17*	Chr3:108391838-108549158	FI595214,FI595213	157320
CH264-211C14*	Chr3:108396800-108546602	FI595134,FI595133	149802
CH264-396M07*	Chr3:108397731-108540955	FI595710,FI595711	143224
CH264-136M16*	Chr3:108426109-108587019	FI595313,FI595314	160910
CH264-046H23*	Chr3:108438513-108588664	FI595386,FI595385	150151
CH264-064I18*	Chr3:108438513-108594233	FI595476,FI595475	155720
CH264-116B01*	Chr3:108441916-108594232	FI595135,FI595136	152316
CH264-259O13*	Chr3:108441918-108594233	FI595486,FI595485	152315
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CH264-126C12*	Chr3:108442313-108601824	FI595221,FI595222	159511
CH264-400C23*	Chr3:108453321-108601824	FI595750,FI595749	148503
CH264-272F08*	Chr3:108463562-108624047	FI595561,FI595562	160485
CH264-433K14*	Chr3:108463562-108624144	FI595925,FI595926	160582
CH264-234J17*	Chr3:108465319-108612433	FI595315,FI595316	147114
CH264-214K10*	Chr3:108477112-108632168	FI595153,FI595154	155056
CH264-175E15*	Chr3:108488528-108632956	FI595555,FI595556	144428
CH264-171J16*	Chr3:108490652-108646138	FI595511,FI595512	155486
CH264-404J20*	Chr3:108490670-108651051	FI595766,FI595765	160381
CH264-022P10*	Chr3:108504645-108674637	FI595170,FI595169	169992
CH264-114F01*	Chr3:108510114-108670971	FI595131,FI595132	160857
CH264-331H24*	Chr3:108519804-108685398	FI595899,FI595900	165594
CH264-106C17*	Chr3:108526054-108673156	FI595054,FI595053	147102
CH264-218G15*	Chr3:108526054-108685406	FI595224,FI595223	159352
CH264-333P04*	Chr3:108526056-108677802	FI595908,FI595907	151746
CH264-244N22*	Chr3:108526057-108687789	FI595346,FI595345	161732
CH264-080E20*	Chr3:108527331-108666139	FI595545,FI595546	138808
CH264-173H24*	Chr3:108527358-108694778	FI595519,FI595520	167420
CH264-345C08*	Chr3:108534428-108673156	FI595969,FI595968	138728

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CH264-362G02*	Chr3:108535739-108677802	FI596049,FI596048	142063
CH264-360H23*	Chr3:108561949-108715946	FI596040,FI596041	153997
CH264-098F20*	Chr3:108564232-108733310	FI595023,FI595022	169078
CH264-415F10*	Chr3:108584234-108726288	FI595826,FI595825	142054
CH264-093O18*	Chr3:108584280-108746080	FI595615,FI595614	161800
CH264-015I10*	Chr3:108588762-108750909	FI595095,FI595094	162147
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CH264-439L14*	Chr3:108594340-108746118	FI595962,FI595963	151778
CH264-293P18*	Chr3:108608222-108754241	FI595673,FI595674	146019
CH264-459O20*	Chr3:108612470-108754241	FI596055,FI596054	141771
CH264-394N07*	Chr3:108616601-108782997	FI595698,FI595699	166396
CH264-286K14*	Chr3:108624184-108770807	FI595648,FI595647	146623
CH264-307A22*	Chr3:108632196-108782997	FI595772,FI595771	150801
CH264-337E04*	Chr3:108639989-108815668	FI595927,FI595928	175679
CH264-437J18*	Chr3:108671318-108833230	FI595954,FI595955	161912
CH264-034G03*	Chr3:108673167-108833271	FI595267,FI595268	160104
CH264-034H21*	Chr3:108673167-108833271	FI595271,FI595272	160104
CH264-444H07*	Chr3:108674718-108840210	FI595990,FI595991	165492
CH264-090H13*	Chr3:108675398-108840210	FI595604,FI595605	164812
CH264-119M12*	Chr3:108675398-108835972	FI595152,FI595151	160574
CH264-249H20*	Chr3:108675398-108833276	FI595416,FI595415	157878
CH264-397D05*	Chr3:108675398-108833276	FI595715,FI595714	157878
CH264-199D07*	Chr3:108685518-108844996	FI595039,FI595040	159478
CH264-349O21*	Chr3:108685518-108844996	FI595976,FI595977	159478
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CH264-013B20*	Chr3:108687882-108840210	FI595082,FI595083	152328
CH264-014H09*	Chr3:108694854-108850001	FI595087,FI595086	155147
CH264-519I11*	Chr3:108703915-108870511	FI595936,FI595935	166596
CH264-412B21*	Chr3:108707679-108874482	FI595818,FI595817	166803
CH264-462M21*	Chr3:108707679-108871038	FI596070,FI596071	163359
CH264-204G14*	Chr3:108707691-108870511	FI595056,FI595055	162820
CH264-477G14*	Chr3:108715959-108871040	FI596127,FI596126	155081
CH264-124F22*	Chr3:108715963-108874482	FI595160,FI595159	158519
CH264-102G04*	Chr3:108726444-108878258	FI595045,FI595046	151814
CH264-154F03*	Chr3:108726449-108888798	FI595411,FI595410	162349
CH264-270A03*	Chr3:108726461-108878258	FI595526,FI595525	151797
CH264-262G14*	Chr3:108733329-108888798	FI595498,FI595497	155469
CH264-469F13*	Chr3:108733331-108898858	FI596094,FI596095	165527

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CH264-101E17*	Chr3:108737419-108900402	FI595038,FI595037	162983
CH264-247O02*	Chr3:108737419-108900402	FI595401,FI595400	162983
CH264-273I15*	Chr3:108737419-108899310	FI595565,FI595566	161891
CH264-117C08*	Chr3:108743340-108898857	FI595143,FI595144	155517
CH264-289D08*	Chr3:108751506-108899310	FI595660,FI595659	147804
CH264-169F21*	Chr3:108756662-108908654	FI595499,FI595500	151992
CH264-256C15*	Chr3:108756662-108915119	FI595431,FI595432	158457
CH264-112I13*	Chr3:108783030-108931220	FI595125,FI595124	148190
CH264-317O01*	Chr3:108783030-108931862	FI595828,FI595827	148832
CH264-391M05*	Chr3:108793151-108960184	FI595687,FI595688	167033
CH264-095B04*	Chr3:108850054-108999265	FI593060,FI593059	149211
CH264-173K05*	Chr3:108872138-109029015	FI593030,FI593029	156877
CH264-134O20*	Chr3:108898877-109058780	FI593428,FI593429	159903
CH264-410P12*	Chr3:108898877-109058796	FI595789,FI595790	159919
CH264-425M24*	Chr3:108898877-109058797	FI593801,FI593802	159920
CH264-179K21*	Chr3:108900515-109052049	FI595575,FI595574	151534
CH264-272B15*	Chr3:108909603-109073181	FI592936,FI592935	163578
CH264-389I17*	Chr3:108922750-109073181	FI594095,FI594094	150431
CH264-420J12*	Chr3:108931878-109087783	FI593718,FI593719	155905
CH264-004N15*	Chr3:108936854-109095714	FI592787,FI592786	158860
CH264-179E13*	Chr3:108936854-109097796	FI593110,FI593109	160942
CH264-353O23*	Chr3:108936854-109095715	FI596004,FI596005	158861
CH264-438A21*	Chr3:108936854-109087783	FI595959,FI595958	150929
CH264-450D10*	Chr3:108936854-109087783	FI594016,FI594017	150929
CH264-084K21*	Chr3:108945690-109106940	FI592960,FI592959	161250
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CH264-087M24*	Chr3:108951016-109099944	FI592988,FI592987	148928
CH264-343L20*	Chr3:108957189-109107008	FI593654,FI593655	149819
CH264-048N22*	Chr3:108965729-109124106	FI593267,FI593266	158377
CH264-243J18*	Chr3:108975043-109143411	FI593501,FI593500	168368
CH264-258O07*	Chr3:108979105-109137723	FI592853,FI592852	158618
CH264-316K20*	Chr3:108979105-109124098	FI593496,FI593497	144993
CH264-392E19*	Chr3:108986971-109137723	FI594123,FI594122	150752
CH264-029J14*	Chr3:108995825-109143411	FI593058,FI593057	147586
CH264-287D04*	Chr3:108996544-109141256	FI593188,FI593189	144712
CH264-171M23*	Chr3:109006205-109152750	FI593010,FI593009	146545
CH264-361C08*	Chr3:109016418-109166503	FI593823,FI593822	150085
CH264-272E09*	Chr3:109021264-109166503	FI592939,FI592940	145239

CH264-252G17*	Chr3:109029372-109180129	FI592825,FI592824	150757
CH264-471L02*	Chr3:109029372-109183958	FI593572,FI593571	154586
CH264-505N17*	Chr3:109029372-109180466	FI593866,FI593867	151094
CH264-087M20*	Chr3:109029375-109183954	FI592984,FI592983	154579
CH264-175B08*	Chr3:109036649-109198466	FI593037,FI593038	161817
CH264-165F06*	Chr3:109036659-109186743	FI592919,FI592918	150084
CH264-068C08*	Chr3:109046456-109198265	FI592769,FI592768	151809
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CH264-141F16*	Chr3:109083148-109237060	FI593452,FI593453	153912
CH264-373F11*	Chr3:109090417-109237059	FI594002,FI594003	146642
CH264-320E01*	Chr3:109092226-109241740	FI593513,FI593514	149514
CH264-032O14*	Chr3:109096014-109252018	FI593141,FI593142	156004
CH264-426F02*	Chr3:109107180-109256159	FI593809,FI593810	148979
CH264-175C17*	Chr3:109124132-109278937	FI593042,FI593041	154805
CH264-300H18*	Chr3:109130463-109293979	FI593301,FI593300	163516
CH264-248C20*	Chr3:109218295-109377136	FI594724,FI594725	158841
CH264-187M19*	Chr3:109234411-109377136	FI594921,FI594922	142725
CH264-166N01*	Chr3:109241232-109390754	FI594792,FI594793	149522
CH264-286G20*	Chr3:109251682-109393094	FI594307,FI594306	141412
CH264-156I13*	Chr3:109251688-109401123	FI595422,FI595421	149435
CH264-180C22*	Chr3:109252467-109401123	FI594832,FI594831	148656
CH264-274O24*	Chr3:109252467-109401123	FI595577,FI595576	148656
CH264-327G15*	Chr3:109254378-109400831	FI594669,FI594668	146453
CH264-245A23*	Chr3:109257531-109393200	FI594706,FI594705	135669
CH264-362M15*	Chr3:109257534-109400828	FI594273,FI594272	143294
CH264-488M20*	Chr3:109257534-109393336	FI595721,FI595720	135802
CH264-090D24*	Chr3:109257536-109417040	FI594149,FI594148	159504
CH264-527K13*	Chr3:109257536-109398292	FI595949,FI595948	140756
CH264-103H11*	Chr3:109257541-109417423	FI594217,FI594216	159882
CH264-137G03*	Chr3:109271080-109418844	FI594515,FI594516	147764
CH264-137I01*	Chr3:109271086-109418834	FI594523,FI594524	147748
CH264-213D12*	Chr3:109271095-109415520	FI594424,FI594423	144425
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CH264-107H09*	Chr3:109285619-109432090	FI594223,FI594222	146471
CH264-323A23*	Chr3:109285619-109432093	FI594649,FI594648	146474
CH264-362O15*	Chr3:109285752-109415519	FI594277,FI594276	129767
CH264-113J03*	Chr3:109290179-109445238	FI594247,FI594246	155059
CH264-323P13*	Chr3:109290180-109445215	FI594653,FI594652	155035
CH264-022B11*	Chr3:109294116-109441323	FI595114,FI595115	147207

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CH264-417P08*	Chr3:109313480-109441323	FI594599,FI594600	127843
CH264-012H21*	Chr3:109334390-109493210	FI595078,FI595079	158820
CH264-528D22	Chr3:110285470-110429917	FI595950,FI595951	144447
CH264-158M24	Chr3:112272204-112421443	FI592851,FI592850	149239

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\*Previously reported in Davis et al, 2010.