

Table S1: Detected duplication coordinates.

Sequence name	chromosome	start	end
Seq1Gr1	2L	359550	360240
Seq2Gr1	2L	782971	784265
Seq3Gr1	2L	360241	364063
Seq4Gr1	2L	364064	365892
Seq5Gr2	2L	1795872	1819393
Seq6Gr2	2L	1781782	1763767
Seq7Gr3	2L	1893145	1896300
Seq8Gr3	2L	1897029	1900184
Seq9Gr4	2L	7257575	7258148
Seq10Gr4	2L	7232767	7232194
Seq11Gr5	2L	7729139	7734600
Seq12Gr5	2L	7735280	7740740
Seq13Gr6	2L	11269901	11270652
Seq14Gr6	2L	11268849	11268098
Seq15Gr7	2L	13001557	13002539
Seq16Gr7	2L	12977912	12976930
Seq17Gr8	2L	15649091	15668700
Seq18Gr8	2L	15682688	15703697
Seq19Gr9	2L	18827646	18828928
Seq20Gr9	2L	18826395	18825027
Seq21Gr10	2L	19811202	19811797
Seq22Gr10	2L	19809106	19808512
Seq23Gr11	2L	20148247	20148973
Seq24Gr11	2L	20193051	20199446
Seq25Gr11	2L	20208361	20205821
Seq26Gr12	2L	21391552	21531281
Seq27Gr13	2L	22090159	22091944
Seq28Gr13	2L	22060555	22058766
Seq29Gr13	2L	22054746	22054109
Seq30Gr14	2L	22266722	22268073
Seq31Gr14	2L	22187514	22186071
Seq32Gr15	2L	22366554	22371531
Seq33Gr15	2L	22371723	22376700
Seq34Gr16	2L	21569870	21570676
Seq38Gr17	2L	22253390	22263721
Seq43Gr18	2L	1	5204
Seq45Gr19	2L	51367	52566
Seq53Gr20	2L	8601537	8601103
Seq55Gr20	2L	10883183	10883626
Seq59Gr20	2L	2565585	2571610
Seq61Gr20	2L	2772646	2779182
Seq74Gr21	2L	899426	900647
Seq144Gr49	2L	17331523	17332640
Seq145Gr49	2L	20889096	20890217
Seq298Gr106	2L	9932071	9931280
Seq35Gr16	2R	257762	258569
Seq39Gr17	2R	194542	186883
Seq41Gr17	2R	799983	799474
Seq54Gr20	2R	13313759	13313299
Seq62Gr20	2R	2781060	2774048
Seq76Gr22	2R	145360	145873
Seq77Gr22	2R	30106	29595
Seq78Gr23	2R	268353	281545
Seq79Gr23	2R	416819	418732
Seq80Gr23	2R	322671	312603

Seq81Gr24	2R	449417	452883
Seq82Gr24	2R	538083	541637
Seq83Gr25	2R	512789	514219
Seq84Gr25	2R	506806	505376
Seq85Gr26	2R	638849	639804
Seq86Gr26	2R	623515	622571
Seq87Gr27	2R	714251	715640
Seq88Gr27	2R	1039730	1044895
Seq89Gr27	2R	798774	790151
Seq90Gr28	2R	822720	823187
Seq91Gr28	2R	952087	952560
Seq92Gr29	2R	1063618	1064328
Seq93Gr29	2R	1108063	1108761
Seq94Gr29	2R	1067717	1068303
Seq95Gr29	2R	1071692	1072278
Seq96Gr29	2R	1087250	1087893
Seq97Gr30	2R	1075557	1080203
Seq98Gr30	2R	916775	913694
Seq99Gr30	2R	1080977	1084904
Seq100Gr31	2R	1113359	1113847
Seq101Gr31	2R	1243110	1243596
Seq102Gr32	2R	1849697	1930804
Seq105Gr33	2R	5938631	5940570
Seq106Gr33	2R	5937346	5935426
Seq107Gr33	2R	5931464	5930500
Seq108Gr34	2R	6638753	6639623
Seq109Gr34	2R	6642519	6643389
Seq110Gr35	2R	6862248	6872018
Seq111Gr35	2R	6861000	6860253
Seq112Gr36	2R	7188854	7190381
Seq113Gr36	2R	7192335	7193847
Seq114Gr37	2R	8132436	8132839
Seq115Gr37	2R	8139798	8140201
Seq116Gr38	2R	8616120	8635044
Seq117Gr38	2R	8602882	8580412
Seq118Gr39	2R	12639662	12641157
Seq119Gr39	2R	12635134	12633639
Seq120Gr40	2R	12660128	12660715
Seq121Gr40	2R	12658944	12658358
Seq122Gr41	2R	14802736	14803508
Seq123Gr41	2R	14800192	14799420
Seq124Gr42	2R	15121495	15125618
Seq125Gr42	2R	15126030	15130153
Seq126Gr43	2R	15244338	15281264
Seq127Gr44	2R	16452425	16453521
Seq128Gr44	2R	1522794	1521653
Seq133Gr45	2R	17280934	17281754
Seq134Gr45	2R	18102373	18103543
Seq135Gr45	2R	18158273	18159438
Seq136Gr45	2R	17919085	17918264
Seq137Gr46	2R	19258178	19259320
Seq138Gr46	2R	19257559	19256418
Seq139Gr47	2R	19818792	19819695
Seq140Gr47	2R	14963273	14962369
Seq142Gr48	2R	3948	4361
Seq148Gr49	2R	130388	130995
Seq150Gr50	2R	909788	910316
Seq153Gr51	2R	84652	85006
Seq155Gr52	2R	7409482	7410291

Seq159Gr53	2R	10012301	10013419
Seq161Gr54	2R	20765659	20766100
Seq168Gr55	2R	238299	238793
Seq170Gr56	2R	3303934	3304935
Seq172Gr57	2R	6337715	6338136
Seq36Gr16	3L	18800207	18799090
Seq37Gr16	3L	23587724	23586610
Seq40Gr17	3L	23722302	23715181
Seq44Gr18	3L	1	3359
Seq63Gr20	3L	7351308	7354372
Seq129Gr44	3L	21919192	21920111
Seq143Gr48	3L	19737359	19737762
Seq146Gr49	3L	15051481	15050358
Seq149Gr49	3L	1474553	1473938
Seq151Gr50	3L	23590592	23591114
Seq174Gr58	3L	1194257	1194710
Seq175Gr58	3L	1191378	1190925
Seq176Gr58	3L	1196929	1196484
Seq177Gr59	3L	5427032	5432059
Seq178Gr59	3L	5396611	5391596
Seq179Gr60	3L	8367042	8367484
Seq180Gr60	3L	8366044	8365605
Seq181Gr61	3L	11564801	11565239
Seq182Gr61	3L	11564010	11563572
Seq183Gr62	3L	13548625	13554029
Seq184Gr62	3L	12898685	12893280
Seq187Gr63	3L	16558650	16565813
Seq188Gr63	3L	16566348	16573500
Seq189Gr64	3L	18557564	18558919
Seq190Gr64	3L	18555421	18554069
Seq191Gr65	3L	19388532	19389524
Seq192Gr65	3L	19443060	19444048
Seq193Gr65	3L	19431965	19432989
Seq194Gr65	3L	19440421	19441708
Seq195Gr65	3L	19438164	19436876
Seq196Gr66	3L	20254921	20257043
Seq197Gr66	3L	20276780	20281274
Seq198Gr67	3L	22629802	22631449
Seq199Gr67	3L	22627639	22625992
Seq200Gr68	3L	23120685	23131906
Seq201Gr68	3L	23478651	23489938
Seq202Gr69	3L	23312844	23325434
Seq203Gr69	3L	23305271	23292670
Seq204Gr70	3L	23565131	23572646
Seq205Gr70	3L	23507900	23500351
Seq206Gr71	3L	23600391	23602098
Seq207Gr71	3L	23648476	23650183
Seq208Gr72	3L	23621216	23625947
Seq209Gr72	3L	23528096	23523401
Seq210Gr73	3L	23734317	23734803
Seq211Gr73	3L	23542554	23542069
Seq212Gr74	3L	3883016	3885291
Seq215Gr75	3L	17318392	17320303
Seq217Gr76	3L	22976122	22976488
Seq219Gr76	3L	22981925	22982819
Seq220Gr77	3L	23517058	23517812
Seq46Gr19	3R	19898242	19897867
Seq47Gr19	3R	24128256	24127885
Seq52Gr19	3R	24622491	24623683

Seq60Gr20	3R	4723987	4732111
Seq64Gr20	3R	6022719	6028665
Seq65Gr20	3R	6174314	6167381
Seq66Gr20	3R	6896973	6891355
Seq67Gr20	3R	22047442	22041545
Seq130Gr44	3R	9252320	9253458
Seq131Gr44	3R	11266332	11267265
Seq141Gr47	3R	5235324	5234418
Seq147Gr49	3R	26065652	26064534
Seq154Gr51	3R	852404	852758
Seq156Gr52	3R	27566069	27566878
Seq157Gr53	3R	364650	365861
Seq160Gr53	3R	436444	435320
Seq162Gr54	3R	27899024	27899465
Seq163Gr54	3R	27900008	27900449
Seq164Gr54	3R	27900992	27901433
Seq165Gr54	3R	27901976	27902417
Seq166Gr54	3R	27902960	27903401
Seq167Gr54	3R	27903944	27904385
Seq185Gr62	3R	6783672	6788976
Seq223Gr78	3R	338344	339678
Seq224Gr78	3R	389581	390916
Seq225Gr79	3R	439646	440837
Seq226Gr79	3R	424115	422924
Seq227Gr80	3R	772275	772749
Seq228Gr80	3R	394467	393993
Seq229Gr81	3R	1546901	1547771
Seq230Gr81	3R	1544939	1544062
Seq231Gr82	3R	2529934	2530522
Seq232Gr82	3R	2528455	2527867
Seq233Gr83	3R	2647331	2648759
Seq234Gr83	3R	2647042	2645614
Seq235Gr84	3R	2912959	2914304
Seq236Gr84	3R	3356987	3358332
Seq237Gr84	3R	5557874	5557084
Seq238Gr85	3R	7065859	7066766
Seq239Gr85	3R	7052100	7051193
Seq240Gr85	3R	7067776	7067099
Seq241Gr86	3R	7779891	7786631
Seq242Gr86	3R	8290847	8330906
Seq243Gr86	3R	8331171	8334189
Seq244Gr86	3R	8334454	8337008
Seq245Gr87	3R	17554738	17560346
Seq246Gr87	3R	3867817	3862651
Seq247Gr88	3R	17560830	17562274
Seq248Gr88	3R	3876653	3875139
Seq249Gr89	3R	20284799	20285376
Seq250Gr89	3R	20242878	20241586
Seq251Gr90	3R	21532532	21533371
Seq252Gr90	3R	21570696	21571535
Seq253Gr91	3R	22455720	22456294
Seq254Gr91	3R	22454396	22453822
Seq255Gr92	3R	25747878	25748774
Seq256Gr92	3R	26314690	26315514
Seq257Gr92	3R	25750395	25749499
Seq258Gr92	3R	26313644	26312821
Seq259Gr93	3R	27339717	27358842
Seq260Gr93	3R	27323750	27304241
Seq261Gr94	3R	27843954	27844300

Seq262Gr94	3R	27844640	27844986
Seq263Gr95	3R	9342999	9344454
Seq265Gr96	3R	23743899	23744705
Seq339Gr110	3R	25143230	25142649
Seq42Gr17	4	1184670	1184259
Seq51Gr19	4	435673	435064
Seq152Gr50	4	327470	327994
Seq441Gr136	4	348419	340286
Seq442Gr137	4	25601	60572
Seq443Gr138	4	662448	663102
Seq444Gr138	4	658112	657459
Seq48Gr19	X	5185191	5183995
Seq49Gr19	X	20897832	20896864
Seq50Gr19	X	4638038	4637671
Seq56Gr20	X	11085760	11086213
Seq57Gr20	X	9940429	9946343
Seq58Gr20	X	17730327	17727567
Seq68Gr20	X	5238110	5235048
Seq69Gr20	X	11478249	11471221
Seq70Gr20	X	9650803	9643792
Seq71Gr20	X	19867298	19870877
Seq72Gr20	X	21978200	21974953
Seq73Gr20	X	18588323	18591943
Seq75Gr21	X	12325094	12326315
Seq103Gr32	X	21581912	21580439
Seq104Gr32	X	21585092	21583619
Seq132Gr44	X	5747928	5749065
Seq158Gr53	X	15107684	15108810
Seq169Gr55	X	16197624	16197133
Seq171Gr56	X	15703272	15702271
Seq173Gr57	X	13170319	13169898
Seq186Gr62	X	6280666	6275278
Seq213Gr74	X	6122390	6123954
Seq214Gr74	X	6127532	6128451
Seq216Gr75	X	16381396	16379475
Seq218Gr76	X	21551302	21550413
Seq221Gr77	X	21542758	21543703
Seq222Gr77	X	21467886	21468755
Seq264Gr95	X	9354869	9353414
Seq266Gr96	X	3642738	3643544
Seq267Gr97	X	89395	92211
Seq268Gr97	X	3702892	3703774
Seq269Gr97	X	92312	100366
Seq270Gr97	X	3916612	3915928
Seq271Gr98	X	1973488	1977440
Seq272Gr98	X	1983431	1987344
Seq273Gr99	X	2066545	2067893
Seq274Gr99	X	6961454	6962487
Seq275Gr99	X	2276049	2283365
Seq276Gr99	X	6862319	6864254
Seq277Gr99	X	6802579	6771962
Seq278Gr99	X	7287605	7286920
Seq279Gr99	X	7088969	7088456
Seq280Gr100	X	3098508	3098916
Seq281Gr100	X	3096788	3096380
Seq282Gr101	X	4472889	4473624
Seq283Gr101	X	4476870	4477624
Seq284Gr102	X	4716710	4717235
Seq285Gr102	X	4669747	4668956

Seq286Gr103	X	5335449	5369203
Seq287Gr103	X	5662724	5663373
Seq288Gr103	X	5425478	5426527
Seq289Gr103	X	5558088	5557280
Seq290Gr103	X	5713026	5712356
Seq291Gr103	X	5620466	5621129
Seq292Gr104	X	5911128	5911691
Seq293Gr104	X	5699521	5698958
Seq294Gr105	X	6244349	6265187
Seq295Gr105	X	6316432	6322387
Seq296Gr105	X	6322925	6324473
Seq297Gr105	X	6230687	6228939
Seq299Gr106	X	9764543	9765531
Seq300Gr106	X	11881910	11880754
Seq301Gr106	X	6051896	6052771
Seq302Gr106	X	9471421	9468842
Seq303Gr106	X	9655677	9653919
Seq304Gr106	X	10107026	10108007
Seq305Gr106	X	9965649	9966619
Seq306Gr106	X	9893828	9894582
Seq307Gr106	X	9725915	9726627
Seq308Gr106	X	9049081	9049680
Seq309Gr106	X	9556135	9556823
Seq310Gr106	X	9219989	9219396
Seq311Gr106	X	9267929	9268746
Seq312Gr106	X	10001271	10002147
Seq313Gr106	X	10147553	10148273
Seq314Gr106	X	9361415	9360508
Seq315Gr106	X	9750957	9750177
Seq316Gr106	X	9572312	9571465
Seq317Gr106	X	9379800	9380603
Seq318Gr106	X	9442655	9443247
Seq319Gr106	X	9401944	9402538
Seq320Gr106	X	9306705	9307359
Seq321Gr106	X	12631909	12628656
Seq322Gr106	X	10085829	10085179
Seq323Gr106	X	9715819	9715243
Seq324Gr106	X	10186045	10185311
Seq325Gr106	X	12272237	12271550
Seq326Gr106	X	12763226	12762428
Seq327Gr106	X	12890566	12891164
Seq328Gr106	X	12961290	12960520
Seq329Gr106	X	12327201	12328043
Seq330Gr107	X	9801248	9802095
Seq331Gr107	X	9852517	9853364
Seq332Gr108	X	10240216	10241861
Seq333Gr108	X	10816665	10817296
Seq334Gr109	X	10467158	10468589
Seq335Gr109	X	10435631	10434315
Seq336Gr109	X	10794965	10796709
Seq337Gr109	X	10506129	10507305
Seq338Gr109	X	10262815	10262191
Seq340Gr110	X	16359036	16357930
Seq341Gr110	X	8509718	8547791
Seq342Gr110	X	8341467	8340785
Seq343Gr110	X	8597993	8580308
Seq344Gr110	X	12206058	12205020
Seq345Gr110	X	8458846	8422735
Seq346Gr110	X	8673254	8672768

Seq347Gr110	X	12023464	11957987
Seq348Gr110	X	10835128	10836619
Seq349Gr110	X	13194691	13196488
Seq350Gr110	X	11723195	11725689
Seq351Gr110	X	13526872	13527790
Seq352Gr110	X	8685479	8686381
Seq353Gr110	X	15055242	15056101
Seq354Gr110	X	14750317	14748588
Seq355Gr110	X	10334061	10334562
Seq356Gr110	X	14439275	14440281
Seq357Gr110	X	13308840	13308346
Seq358Gr110	X	11076505	11075785
Seq359Gr110	X	10675722	10676545
Seq360Gr110	X	10764100	10764956
Seq361Gr110	X	10886552	10885743
Seq362Gr110	X	11927842	11927336
Seq363Gr110	X	12947989	12946968
Seq364Gr110	X	13029291	13028832
Seq365Gr110	X	13076494	13075799
Seq366Gr111	X	11094197	11095524
Seq367Gr111	X	11155089	11155840
Seq368Gr111	X	11118097	11116528
Seq369Gr111	X	11118548	11118104
Seq370Gr112	X	11259015	11259636
Seq371Gr112	X	11492670	11493343
Seq372Gr112	X	11377764	11377084
Seq373Gr112	X	11405131	11404099
Seq374Gr113	X	11431192	11437940
Seq375Gr114	X	11575227	11575887
Seq376Gr114	X	11584660	11585320
Seq377Gr115	X	11614053	11614952
Seq378Gr115	X	11591903	11591362
Seq379Gr116	X	12123279	12123948
Seq380Gr116	X	12170365	12171389
Seq381Gr116	X	12171463	12172292
Seq382Gr117	X	13880709	13881496
Seq383Gr117	X	13834840	13834011
Seq384Gr117	X	13881948	13882735
Seq385Gr117	X	13883217	13884004
Seq386Gr117	X	13884486	13885273
Seq387Gr117	X	13885755	13886542
Seq388Gr117	X	13887024	13887812
Seq389Gr117	X	13888294	13889081
Seq390Gr117	X	13889563	13890350
Seq391Gr117	X	13890832	13891619
Seq392Gr117	X	13892101	13892890
Seq393Gr117	X	13893371	13894158
Seq394Gr117	X	13894639	13895468
Seq395Gr118	X	14005575	14006695
Seq396Gr118	X	14149133	14151323
Seq397Gr118	X	14214660	14212508
Seq398Gr118	X	14148481	14148958
Seq399Gr118	X	14215358	14214819
Seq400Gr119	X	14112147	14121841
Seq401Gr120	X	14221479	14222153
Seq402Gr120	X	14303428	14304260
Seq403Gr120	X	14347008	14346533
Seq404Gr121	X	15510425	15511335
Seq405Gr121	X	15503105	15502183

Seq406Gr122	X	15846527	15891432
Seq407Gr123	X	19741419	19755513
Seq408Gr123	X	19761690	19792575
Seq409Gr123	X	20956463	20966849
Seq410Gr124	X	19975052	19977990
Seq411Gr124	X	19930408	19927473
Seq412Gr125	X	20005203	20009187
Seq413Gr125	X	20020230	20024720
Seq414Gr125	X	20027929	20032562
Seq415Gr125	X	20035789	20040436
Seq416Gr125	X	20012368	20017003
Seq417Gr126	X	20069983	20070379
Seq418Gr126	X	20257070	20257466
Seq419Gr127	X	20101168	20108987
Seq420Gr127	X	20111075	20118894
Seq421Gr128	X	20253226	20253856
Seq422Gr128	X	20275479	20276109
Seq423Gr129	X	20338211	20338763
Seq424Gr129	X	20384870	20385422
Seq425Gr130	X	20816211	20816736
Seq426Gr130	X	20740885	20740360
Seq427Gr131	X	20906346	20906865
Seq428Gr131	X	20910058	20910577
Seq429Gr132	X	20977352	20981404
Seq430Gr132	X	20955999	20951936
Seq431Gr133	X	21488590	21491229
Seq432Gr133	X	21554717	21557352
Seq433Gr134	X	21565669	21566239
Seq434Gr134	X	21616787	21618486
Seq435Gr134	X	21573303	21573873
Seq436Gr134	X	21590246	21591967
Seq437Gr134	X	21595774	21597263
Seq438Gr135	X	21625023	21627815
Seq439Gr135	X	21560806	21558013
Seq440Gr136	X	21450688	21466223