ID	chr	name	fam	str	start	end	chr_size
51.te00022	1	chr1_37.00281	1	−	39705	40532	268984
51.te00019	1	chr1_37.00289	1	+	260993	261261	268984
51.te00020	1	chr1_37.00290	1	+	266162	266340	268984
51.te00018	1	chr1_37.00279	2	+	24174	24821	268984
51.te00021	1	chr1_37.00280	2	−	35328	36036	268984
51.te00023	1	chr1_37.00282	2	−	54542	55178	268984
51.te00024	1	chr1_37.00283	2	+	73279	73917	268984
51.te00013	1	chr1_37.00284	2	−	111380	111734	268984
51.te00014	1	chr1_37.00285	2	−	126000	126649	268984
51.te00015	1	chr1_37.00286	2	+	133523	134013	268984
51.te00016	1	chr1_37.00287	2	+	201661	202234	268984
51.te00017	1	chr1_37.00288	2	−	226657	226940	268984
52.te00002	2	chr2_38.00226	1	−	135382	136457	355714
52.te00003	2	chr2_38.00224	2	+	17598	18236	355714
52.te00001	2	chr2_38.00225	2	−	102691	103323	355714
52.te00004	2	chr2_38.00227	2	−	201537	202251	355714
52.te00005	2	chr2_38.00228	2	−	254428	255004	355714
52.te00006	2	chr2_38.00229	2	−	264195	264734	355714
52.te00007	2	chr2_38.00230	2	+	314330	314887	355714
52.te00008	2	chr2_38.00231	2	+	343641	344192	355714
53.te00001	3	chr3_39.00295	2	+	171068	171643	384518
53.te00002	3	chr3_39.00296	2	+	225566	226067	384518
53.te00003	3	chr3_39.00297	2	+	236166	236600	384518
53.te00004	3	chr3_39.00298	2	+	252516	253083	384518
53.te00005	3	chr3_39.00299	2	+	258067	258658	384518
53.te00006	3	chr3_39.00300	2	−	314596	314966	384518
53.te00007	3	chr3_39.00301	2	+	343386	343807	384518
54.te00006	4	chr4_4.00423	1	−	336119	337040	472856
54.te00013	4	chr4_4.00416	2	+	7946	8423	472856
54.te00003	4	chr4_4.00417	2	−	19425	19898	472856
54.te00008	4	chr4_4.00418	2	+	38172	38588	472856
54.te00001	4	chr4_4.00419	2	+	108122	108581	472856
54.te00002	4	chr4_4.00420	2	−	181541	181927	472856
54.te00004	4	chr4_4.00421	2	−	290986	291500	472856
54.te00005	4	chr4_4.00422	2	−	335367	335810	472856
54.te00007	4	chr4_4.00424	2	+	367761	368203	472856
54.te00009	4	chr4_4.00425	2	−	396450	396896	472856
54.te00010	4	chr4_4.00426	2	−	399589	400014	472856
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55.te00015	5	chr5_5.00351	1	+	444412	445160	465823
55.te00004	5	chr5_5.00335	2	+	21407	22009	465823
55.te00006	5	chr5_5.00336	2	+	30666	31304	465823
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55.te00019	5	chr5_5.00340	2	+	91501	91943	465823
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55.te00002	5	chr5_5.00342	2	+	146145	146639	465823
55.te00003	5	chr5_5.00343	2	+	150839	151245	465823

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55.te00009	5	chr5_5.00347	2	+	386816	387303	465823
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55.te00014	5	chr5_5.00350	2	−	440590	441136	465823
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56.te00005	6	chr6_6.00305	2	+	185670	186275	513422
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56.te00009	6	chr6_6.00308	2	−	283607	284031	513422
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56.te00013	6	chr6_6.00312	2	+	445495	445986	513422
56.te00014	6	chr6_6.00313	2	+	450932	451439	513422
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56.te00016	6	chr6_6.00315	2	+	482072	482591	513422
56.te00017	6	chr6_6.00316	2	−	490377	490884	513422
56.te00018	6	chr6_6.00317	2	−	501044	501619	513422
56.te00019	6	chr6_6.00318	2	−	502874	503338	513422
56.te00020	6	chr6_6.00319	2	+	507884	508405	513422
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57.te00024	7	chr7_7.00416	1	+	212757	213679	596348
57.te00026	7	chr7_7.00418	1	+	251846	252218	596348
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57.te00033	7	chr7_7.00423	1	+	444162	445147	596348
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57.te00027	7	chr7_7.00408	2	+	27810	28293	596348
57.te00042	7	chr7_7.00409	2	+	59017	59505	596348
57.te00043	7	chr7_7.00410	2	−	60181	60831	596348
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57.te00019	7	chr7_7.00412	2	−	167012	167515	596348
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57.te00025	7	chr7_7.00417	2	−	246241	246922	596348
57.te00029	7	chr7_7.00420	2	+	305571	306180	596348
57.te00031	7	chr7_7.00421	2	−	339201	339725	596348

57.te00032	7	chr7_7.00422	2	+	370324	370865	596348
57.te00036	7	chr7_7.00426	2	+	506114	506704	596348
57.te00037	7	chr7_7.00427	2	+	531398	532034	596348
57.te00038	7	chr7_7.00428	2	+	553606	554095	596348
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58.te00021	8	chr8_8.00391	1	+	368020	368409	559245
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60.te00005	10	chr10_10.00454	2	+	241517	242154	570864
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69.te00093	19	chr19_40.00406	2	+	608565	609148	706761
69.te00094	19	chr19_40.00407	2	−	616010	616684	706761
69.te00095	19	chr19_40.00408	2	+	631009	631597	706761

69.te00096	19	chr19_40.00409	2	+	641365	641950	706761
69.te00097	19	chr19_40.00410	2	+	646975	647530	706761
69.te00098	19	chr19_40.00411	2	+	652582	653163	706761
69.te00102	19	chr19_40.00415	2	+	705334	705859	706761
70.te00027	20	chr20_20.00403	1	−	46251	46704	742551
70.te00010	20	chr20_20.00409	1	+	157351	157867	742551
70.te00014	20	chr20_20.00412	1	+	201292	201762	742551
70.te00013	20	chr20_20.00413	1	+	205458	206309	742551
70.te00015	20	chr20_20.00415	1	+	268800	269651	742551
70.te00018	20	chr20_20.00416	1	+	289265	289735	742551
70.te00019	20	chr20_20.00417	1	+	293425	294298	742551
70.te00021	20	chr20_20.00419	1	+	359654	359898	742551
70.te00025	20	chr20_20.00422	1	+	436474	437308	742551
70.te00036	20	chr20_20.00431	1	+	561827	562229	742551
70.te00038	20	chr20_20.00433	1	+	622286	623153	742551
70.te00039	20	chr20_20.00434	1	−	662627	663297	742551
70.te00040	20	chr20_20.00435	1	−	664452	664827	742551
70.te00009	20	chr20_20.00399	2	−	2155	2728	742551
70.te00005	20	chr20_20.00400	2	−	11739	12316	742551
70.te00017	20	chr20_20.00401	2	−	26374	26959	742551
70.te00022	20	chr20_20.00402	2	−	38486	39069	742551
70.te00033	20	chr20_20.00404	2	−	55971	56180	742551
70.te00004	20	chr20_20.00405	2	+	104874	105475	742551
70.te00006	20	chr20_20.00406	2	−	112621	113218	742551
70.te00007	20	chr20_20.00407	2	+	121465	122050	742551
70.te00008	20	chr20_20.00408	2	+	130915	131467	742551
70.te00011	20	chr20_20.00410	2	+	164449	164995	742551
70.te00012	20	chr20_20.00411	2	−	199885	200314	742551
70.te00016	20	chr20_20.00414	2	−	235047	235639	742551
70.te00020	20	chr20_20.00418	2	+	333260	333653	742551
70.te00023	20	chr20_20.00420	2	+	416941	417433	742551
70.te00024	20	chr20_20.00421	2	−	431267	431864	742551
70.te00026	20	chr20_20.00423	2	+	439605	440167	742551
70.te00028	20	chr20_20.00424	2	+	445982	446560	742551
70.te00029	20	chr20_20.00425	2	−	479883	480362	742551
70.te00030	20	chr20_20.00426	2	−	506573	506919	742551
70.te00031	20	chr20_20.00427	2	−	511598	512160	742551
70.te00032	20	chr20_20.00428	2	+	514178	514691	742551
70.te00034	20	chr20_20.00429	2	+	532066	532532	742551
70.te00035	20	chr20_20.00430	2	+	538873	539340	742551
70.te00037	20	chr20_20.00432	2	+	563911	564433	742551
70.te00042	20	chr20_20.00437	2	−	668761	669319	742551
70.te00041	20	chr20_20.00436	2	−	668766	668989	742551
71.te00013	21	chr21_21.00347	1	+	42985	43731	749309
71.te00015	21	chr21_21.00363	1	−	394101	395047	749309
71.te00024	21	chr21_21.00372	1	−	506318	506778	749309
71.te00027	21	chr21_21.00375	1	−	566908	567805	749309
71.te00010	21	chr21_21.00357	1	+	238844	239435	749309
71.te00002	21	chr21_21.00345	2	+	15089	15577	749309
71.te00004	21	chr21_21.00346	2	+	17049	17442	749309
71.te00014	21	chr21_21.00348	2	+	43754	44266	749309
71.te00031	21	chr21_21.00349	2	+	81613	81836	749309

71.te00001	21	chr21_21.00350	2	+	100469	101065	749309
71.te00003	21	chr21_21.00351	2	–	159460	160039	749309
71.te00005	21	chr21_21.00352	2	–	191908	192445	749309
71.te00006	21	chr21_21.00353	2	–	197875	198382	749309
71.te00007	21	chr21_21.00354	2	–	215161	215434	749309
71.te00008	21	chr21_21.00355	2	–	219070	219602	749309
71.te00009	21	chr21_21.00356	2	+	223027	223557	749309
71.te00011	21	chr21_21.00358	2	–	245183	245792	749309
71.te00012	21	chr21_21.00359	2	+	262503	263177	749309
71.te00016	21	chr21_21.00360	2	+	277871	278405	749309
71.te00017	21	chr21_21.00361	2	–	301173	301740	749309
71.te00018	21	chr21_21.00362	2	+	302330	302784	749309
71.te00019	21	chr21_21.00364	2	–	438091	438722	749309
71.te00020	21	chr21_21.00365	2	–	459551	460062	749309
71.te00021	21	chr21_21.00366	2	+	467263	467764	749309
71.te00022	21	chr21_21.00367	2	–	487019	487587	749309
71.te00023	21	chr21_21.00368	2	–	492347	492937	749309
71.te00025	21	chr21_21.00369	2	–	495674	496186	749309
71.te00026	21	chr21_21.00370	2	–	499315	499730	749309
71.te00028	21	chr21_21.00371	2	–	502767	503270	749309
71.te00029	21	chr21_21.00373	2	–	507040	507683	749309
71.te00030	21	chr21_21.00374	2	–	550130	550839	749309
72.te00037	21	chr21_21.00376	2	–	576042	576651	749309
72.te00008	21	chr21_21.00377	2	–	599894	600447	749309
72.te00048	21	chr21_21.00378	2	+	613034	613593	749309
72.te00045	22	chr22_22.00421	1	–	64770	65469	716396
72.te00049	22	chr22_22.00423	1	–	69384	69970	716396
72.te00001	22	chr22_22.00425	1	–	107309	107797	716396
72.te00004	22	chr22_22.00428	1	+	186508	186858	716396
72.te00006	22	chr22_22.00430	1	+	194324	194569	716396
72.te00007	22	chr22_22.00431	1	–	225446	225908	716396
72.te00010	22	chr22_22.00433	1	–	266045	266524	716396
72.te00011	22	chr22_22.00434	1	–	267077	267986	716396
72.te00012	22	chr22_22.00435	1	–	285345	286323	716396
72.te00014	22	chr22_22.00437	1	–	290086	291063	716396
72.te00016	22	chr22_22.00439	1	–	299444	300432	716396
72.te00019	22	chr22_22.00442	1	+	327613	328077	716396
72.te00020	22	chr22_22.00443	1	+	329543	330005	716396
72.te00021	22	chr22_22.00444	1	+	342062	342955	716396
72.te00022	22	chr22_22.00445	1	+	343521	344093	716396
72.te00025	22	chr22_22.00448	1	+	387892	388610	716396
72.te00027	22	chr22_22.00450	1	–	407106	407278	716396
72.te00028	22	chr22_22.00451	1	–	415272	415661	716396
72.te00029	22	chr22_22.00452	1	+	423583	423913	716396
72.te00030	22	chr22_22.00453	1	+	434142	434391	716396
72.te00031	22	chr22_22.00454	1	+	498125	498388	716396
72.te00034	22	chr22_22.00457	1	+	537292	537743	716396
72.te00036	22	chr22_22.00459	1	+	572164	572406	716396
72.te00038	22	chr22_22.00460	1	–	593317	594162	716396
72.te00039	22	chr22_22.00461	1	–	594310	594551	716396
72.te00040	22	chr22_22.00462	1	–	601320	601764	716396
72.te00046	22	chr22_22.00467	1	+	661356	662231	716396

72.te00050	22	chr22_22.00419	2	–	5469	5991	716396
72.te00002	22	chr22_22.00420	2	–	23296	23866	716396
72.te00003	22	chr22_22.00422	2	–	68911	69374	716396
72.te00005	22	chr22_22.00424	2	–	97321	97922	716396
72.te00009	22	chr22_22.00426	2	–	164599	165040	716396
72.te00013	22	chr22_22.00427	2	–	183666	184278	716396
72.te00015	22	chr22_22.00429	2	–	190017	190612	716396
72.te00017	22	chr22_22.00432	2	–	262104	262675	716396
72.te00018	22	chr22_22.00436	2	–	287580	288152	716396
72.te00023	22	chr22_22.00438	2	–	298059	298655	716396
72.te00024	22	chr22_22.00440	2	–	314595	315136	716396
72.te00026	22	chr22_22.00441	2	+	322697	323240	716396
72.te00032	22	chr22_22.00446	2	+	347366	347960	716396
72.te00033	22	chr22_22.00447	2	+	370754	370964	716396
72.te00035	22	chr22_22.00449	2	+	397279	397766	716396
72.te00041	22	chr22_22.00455	2	–	517103	517676	716396
72.te00042	22	chr22_22.00456	2	–	529999	530621	716396
72.te00043	22	chr22_22.00458	2	–	538289	538904	716396
72.te00044	22	chr22_22.00463	2	+	606571	607008	716396
72.te00047	22	chr22_22.00464	2	–	607890	608213	716396
73.te00059	22	chr22_22.00465	2	+	620165	620612	716396
73.te00079	22	chr22_22.00466	2	+	639645	639949	716396
73.te00024	22	chr22_22.00468	2	+	690180	690751	716396
73.te00063	23	chr23_23.00324	1	–	61067	61566	772562
73.te00070	23	chr23_23.00325	1	–	72192	72429	772562
73.te00074	23	chr23_23.00326	1	+	79077	79334	772562
73.te00075	23	chr23_23.00327	1	+	79834	80684	772562
73.te00076	23	chr23_23.00328	1	–	84716	85540	772562
73.te00077	23	chr23_23.00329	1	–	86061	86318	772562
73.te00078	23	chr23_23.00330	1	+	87874	88031	772562
73.te00080	23	chr23_23.00332	1	–	98678	99532	772562
73.te00025	23	chr23_23.00334	1	–	100029	100212	772562
73.te00028	23	chr23_23.00337	1	+	158260	158407	772562
73.te00031	23	chr23_23.00340	1	–	173001	173500	772562
73.te00032	23	chr23_23.00341	1	–	193006	193829	772562
73.te00033	23	chr23_23.00342	1	–	193903	194087	772562
73.te00037	23	chr23_23.00343	1	–	199734	200550	772562
73.te00040	23	chr23_23.00346	1	–	251409	252159	772562
73.te00041	23	chr23_23.00347	1	–	281255	282086	772562
73.te00045	23	chr23_23.00351	1	–	325642	326465	772562
73.te00050	23	chr23_23.00356	1	+	430428	430868	772562
73.te00052	23	chr23_23.00358	1	–	451694	451990	772562
73.te00053	23	chr23_23.00359	1	–	457828	458124	772562
73.te00064	23	chr23_23.00368	1	–	577350	577968	772562
73.te00067	23	chr23_23.00371	1	–	601208	601620	772562
73.te00072	23	chr23_23.00375	1	+	666926	667910	772562
73.te00030	23	chr23_23.00339	1	+	172240	172590	772562
73.te00046	23	chr23_23.00352	1	–	354623	355141	772562
73.te00048	23	chr23_23.00354	1	–	385727	386283	772562
73.te00049	23	chr23_23.00355	1	–	390740	391299	772562
73.te00051	23	chr23_23.00357	1	–	442038	442570	772562
73.te00026	23	chr23_23.00323	2	+	56186	56791	772562

73.te00027	23	chr23_23.00331 2	+	89519	90051	772562
73.te00029	23	chr23_23.00333 2	+	100172	100701	772562
73.te00034	23	chr23_23.00335 2	−	117324	117920	772562
73.te00035	23	chr23_23.00336 2	+	124342	124924	772562
73.te00036	23	chr23_23.00338 2	+	161360	161928	772562
73.te00038	23	chr23_23.00344 2	−	215862	216500	772562
73.te00039	23	chr23_23.00345 2	−	249917	250427	772562
73.te00042	23	chr23_23.00348 2	−	293556	294152	772562
73.te00043	23	chr23_23.00349 2	−	300012	300633	772562
73.te00044	23	chr23_23.00350 2	−	321659	322237	772562
73.te00047	23	chr23_23.00353 2	−	369780	370338	772562
73.te00054	23	chr23_23.00360 2	−	472891	473480	772562
73.te00055	23	chr23_23.00361 2	+	480099	480534	772562
73.te00056	23	chr23_23.00362 2	−	484821	485393	772562
73.te00057	23	chr23_23.00363 2	+	494625	495201	772562
73.te00058	23	chr23_23.00364 2	+	498383	498817	772562
73.te00060	23	chr23_23.00365 2	−	504034	504603	772562
73.te00061	23	chr23_23.00366 2	+	508961	509437	772562
73.te00062	23	chr23_23.00367 2	+	543192	543769	772562
73.te00065	23	chr23_23.00369 2	+	596497	597082	772562
73.te00066	23	chr23_23.00370 2	+	600619	601200	772562
73.te00068	23	chr23_23.00372 2	+	617250	617803	772562
73.te00069	23	chr23_23.00373 2	−	627044	627625	772562
73.te00071	23	chr23_23.00374 2	−	642001	642584	772562
73.te00073	23	chr23_23.00376 2	+	675721	676287	772562
74.te00011	24	chr24_24.00471 1	+	110126	110812	840950
74.te00015	24	chr24_24.00475 1	+	143846	144172	840950
74.te00019	24	chr24_24.00479 1	+	238753	239008	840950
74.te00023	24	chr24_24.00482 1	+	282124	282381	840950
74.te00037	24	chr24_24.00495 1	+	526280	526683	840950
74.te00038	24	chr24_24.00496 1	+	526761	527419	840950
74.te00039	24	chr24_24.00497 1	+	591753	592168	840950
74.te00040	24	chr24_24.00498 1	+	592177	592903	840950
74.te00020	24	chr24_24.00468 2	+	26522	27071	840950
74.te00025	24	chr24_24.00469 2	+	30986	31534	840950
74.te00053	24	chr24_24.00470 2	+	92090	92551	840950
74.te00012	24	chr24_24.00472 2	+	112729	113337	840950
74.te00013	24	chr24_24.00473 2	+	125637	126194	840950
74.te00014	24	chr24_24.00474 2	+	132095	132549	840950
74.te00016	24	chr24_24.00476 2	+	144748	145186	840950
74.te00017	24	chr24_24.00477 2	+	150915	151326	840950
74.te00018	24	chr24_24.00478 2	−	186799	187326	840950
74.te00021	24	chr24_24.00480 2	+	269010	269498	840950
74.te00022	24	chr24_24.00481 2	+	274618	275143	840950
74.te00024	24	chr24_24.00483 2	+	293910	294561	840950
74.te00026	24	chr24_24.00484 2	+	377312	377910	840950
74.te00027	24	chr24_24.00485 2	+	416823	417316	840950
74.te00028	24	chr24_24.00486 2	+	419118	419746	840950
74.te00029	24	chr24_24.00487 2	+	448082	448605	840950
74.te00030	24	chr24_24.00488 2	+	450522	451041	840950
74.te00031	24	chr24_24.00489 2	−	452228	452814	840950
74.te00032	24	chr24_24.00490 2	+	469351	469819	840950

74.te00033	24	chr24_24.00491	2	+	481168	481707	840950
74.te00034	24	chr24_24.00492	2	+	486269	486813	840950
74.te00035	24	chr24_24.00493	2	+	496012	496624	840950
74.te00036	24	chr24_24.00494	2	–	524737	525394	840950
74.te00041	24	chr24_24.00499	2	–	619930	620558	840950
74.te00042	24	chr24_24.00500	2	+	622039	622536	840950
74.te00043	24	chr24_24.00501	2	–	639088	639749	840950
74.te00044	24	chr24_24.00502	2	–	659569	660077	840950
74.te00045	24	chr24_24.00503	2	–	681344	681923	840950
74.te00046	24	chr24_24.00504	2	–	692190	692744	840950
74.te00047	24	chr24_24.00505	2	–	706382	706928	840950
74.te00048	24	chr24_24.00506	2	–	723671	724244	840950
74.te00049	24	chr24_24.00507	2	+	752116	752672	840950
74.te00050	24	chr24_24.00508	2	+	756482	757052	840950
74.te00051	24	chr24_24.00509	2	–	762444	763011	840950
74.te00052	24	chr24_24.00510	2	+	783205	783829	840950
75.te00006	25	chr25_25.00550	1	+	289383	289611	912849
75.te00012	25	chr25_25.00554	1	+	412377	412954	912849
75.te00013	25	chr25_25.00555	1	–	451337	451769	912849
75.te00028	25	chr25_25.00568	1	–	777499	777947	912849
75.te00036	25	chr25_25.00575	1	+	889299	889766	912849
75.te00009	25	chr25_25.00542	2	–	32565	33145	912849
75.te00019	25	chr25_25.00543	2	–	57543	58121	912849
75.te00024	25	chr25_25.00544	2	–	65538	66118	912849
75.te00001	25	chr25_25.00545	2	+	109701	110256	912849
75.te00002	25	chr25_25.00546	2	+	125700	125982	912849
75.te00003	25	chr25_25.00547	2	–	233524	234097	912849
75.te00004	25	chr25_25.00548	2	+	262199	262762	912849
75.te00005	25	chr25_25.00549	2	+	270781	271285	912849
75.te00007	25	chr25_25.00551	2	–	308712	309295	912849
75.te00008	25	chr25_25.00552	2	+	321696	322299	912849
75.te00011	25	chr25_25.00553	2	–	398055	398583	912849
75.te00014	25	chr25_25.00556	2	–	520930	521535	912849
75.te00015	25	chr25_25.00557	2	+	534409	534839	912849
75.te00016	25	chr25_25.00558	2	–	554083	554691	912849
75.te00017	25	chr25_25.00559	2	–	570841	571407	912849
75.te00018	25	chr25_25.00560	2	–	577720	578313	912849
75.te00020	25	chr25_25.00561	2	–	584160	584747	912849
75.te00021	25	chr25_25.00562	2	–	586538	587102	912849
75.te00022	25	chr25_25.00563	2	–	589152	589720	912849
75.te00023	25	chr25_25.00564	2	–	615870	616470	912849
75.te00025	25	chr25_25.00565	2	–	681627	682004	912849
75.te00026	25	chr25_25.00566	2	+	699382	699752	912849
75.te00027	25	chr25_25.00567	2	+	776916	777484	912849
75.te00029	25	chr25_25.00569	2	–	822046	822625	912849
75.te00030	25	chr25_25.00570	2	–	827036	827255	912849
75.te00031	25	chr25_25.00571	2	–	847590	848198	912849
75.te00032	25	chr25_25.00572	2	+	855093	855699	912849
75.te00034	25	chr25_25.00573	2	+	875552	876172	912849
75.te00035	25	chr25_25.00574	2	+	887796	888416	912849
76.te00056	26	chr26_26.00515	1	–	9549	10013	1091579
76.te00111	26	chr26_26.00519	1	–	93040	93289	1091579

76.te00066	26	chr26_26.00521 1	–	112411	113020	1091579
76.te00067	26	chr26_26.00522 1	–	118791	118991	1091579
76.te00070	26	chr26_26.00525 1	–	204180	204417	1091579
76.te00073	26	chr26_26.00528 1	+	233711	234257	1091579
76.te00078	26	chr26_26.00532 1	–	387783	388154	1091579
76.te00079	26	chr26_26.00533 1	–	450333	450577	1091579
76.te00082	26	chr26_26.00535 1	+	500293	500732	1091579
76.te00084	26	chr26_26.00537 1	+	520607	521312	1091579
76.te00090	26	chr26_26.00542 1	+	574037	574502	1091579
76.te00101	26	chr26_26.00553 1	+	734771	734990	1091579
76.te00105	26	chr26_26.00557 1	+	775846	776072	1091579
76.te00106	26	chr26_26.00558 1	+	776440	777178	1091579
76.te00107	26	chr26_26.00559 1	+	783995	784136	1091579
76.te00057	26	chr26_26.00563 1	+	1019165	1019608	1091579
76.te00059	26	chr26_26.00565 1	+	1024261	1025024	1091579
76.te00060	26	chr26_26.00566 1	+	1035808	1036557	1091579
76.te00063	26	chr26_26.00568 1	+	1060081	1060859	1091579
76.te00065	26	chr26_26.00570 1	–	1083956	1084152	1091579
76.te00071	26	chr26_26.00526 1	–	214571	215234	1091579
76.te00072	26	chr26_26.00527 1	+	232689	233153	1091579
76.te00074	26	chr26_26.00529 1	–	240295	240702	1091579
76.te00076	26	chr26_26.00516 2	–	36182	36861	1091579
76.te00080	26	chr26_26.00517 2	–	47540	48216	1091579
76.te00085	26	chr26_26.00518 2	–	51644	52284	1091579
76.te00062	26	chr26_26.00520 2	–	104237	104830	1091579
76.te00068	26	chr26_26.00523 2	–	129712	130345	1091579
76.te00069	26	chr26_26.00524 2	–	172460	173037	1091579
76.te00075	26	chr26_26.00530 2	–	276370	276964	1091579
76.te00077	26	chr26_26.00531 2	+	372038	372655	1091579
76.te00081	26	chr26_26.00534 2	+	482333	482927	1091579
76.te00083	26	chr26_26.00536 2	+	510016	510614	1091579
76.te00086	26	chr26_26.00538 2	–	533205	533809	1091579
76.te00087	26	chr26_26.00539 2	+	542965	543551	1091579
76.te00088	26	chr26_26.00540 2	+	543960	544546	1091579
76.te00089	26	chr26_26.00541 2	+	544955	545540	1091579
76.te00091	26	chr26_26.00543 2	+	575213	575723	1091579
76.te00092	26	chr26_26.00544 2	–	607384	607859	1091579
76.te00093	26	chr26_26.00545 2	–	613267	613819	1091579
76.te00094	26	chr26_26.00546 2	–	615748	616300	1091579
76.te00095	26	chr26_26.00547 2	–	618229	618781	1091579
76.te00096	26	chr26_26.00548 2	+	630950	631459	1091579
76.te00097	26	chr26_26.00549 2	+	689562	690024	1091579
76.te00098	26	chr26_26.00550 2	+	693155	693570	1091579
76.te00099	26	chr26_26.00551 2	+	713813	714394	1091579
76.te00100	26	chr26_26.00552 2	+	719852	720426	1091579
76.te00102	26	chr26_26.00554 2	+	735343	735966	1091579
76.te00103	26	chr26_26.00555 2	+	736028	736426	1091579
76.te00104	26	chr26_26.00556 2	+	736587	736985	1091579
76.te00108	26	chr26_26.00560 2	+	817772	818374	1091579
76.te00109	26	chr26_26.00561 2	+	822213	822644	1091579
76.te00110	26	chr26_26.00562 2	+	824231	824503	1091579
76.te00058	26	chr26_26.00564 2	+	1022469	1023061	1091579

76.te00061	26	chr26_26.00567 2	+	1046028	1046589	1091579
76.te00064	26	chr26_26.00569 2	+	1065157	1065669	1091579
77.te00047	27	chr27_27.00499 1	+	128635	128913	1127087
77.te00050	27	chr27_27.00502 1	+	161319	161449	1127087
77.te00051	27	chr27_27.00503 1	+	161891	162620	1127087
77.te00054	27	chr27_27.00505 1	+	270031	270260	1127087
77.te00055	27	chr27_27.00506 1	+	272029	272624	1127087
77.te00057	27	chr27_27.00508 1	+	288073	288240	1127087
77.te00058	27	chr27_27.00509 1	+	290205	290727	1127087
77.te00063	27	chr27_27.00513 1	−	384129	384990	1127087
77.te00067	27	chr27_27.00517 1	−	408504	409366	1127087
77.te00068	27	chr27_27.00518 1	+	417877	418765	1127087
77.te00072	27	chr27_27.00521 1	−	482166	482615	1127087
77.te00074	27	chr27_27.00523 1	−	498650	499211	1127087
77.te00075	27	chr27_27.00524 1	−	502967	503418	1127087
77.te00083	27	chr27_27.00530 1	+	643720	644671	1127087
77.te00084	27	chr27_27.00531 1	+	665288	665623	1127087
77.te00085	27	chr27_27.00532 1	+	665799	666749	1127087
77.te00087	27	chr27_27.00534 1	+	675763	676263	1127087
77.te00088	27	chr27_27.00535 1	−	686797	687308	1127087
77.te00091	27	chr27_27.00537 1	−	739718	740165	1127087
77.te00095	27	chr27_27.00539 1	−	831826	832493	1127087
77.te00096	27	chr27_27.00540 1	−	860069	861001	1127087
77.te00098	27	chr27_27.00542 1	−	874714	875119	1127087
77.te00052	27	chr27_27.00489 2	+	16948	17548	1127087
77.te00059	27	chr27_27.00490 2	−	29424	30003	1127087
77.te00069	27	chr27_27.00491 2	−	41413	41998	1127087
77.te00076	27	chr27_27.00492 2	−	50871	51454	1127087
77.te00079	27	chr27_27.00493 2	−	55123	55692	1127087
77.te00089	27	chr27_27.00494 2	+	72540	73092	1127087
77.te00093	27	chr27_27.00495 2	+	77552	78119	1127087
77.te00094	27	chr27_27.00496 2	+	82664	83249	1127087
77.te00044	27	chr27_27.00497 2	+	102548	103133	1127087
77.te00046	27	chr27_27.00498 2	−	125368	125955	1127087
77.te00048	27	chr27_27.00500 2	+	132152	132745	1127087
77.te00049	27	chr27_27.00501 2	+	137387	137981	1127087
77.te00053	27	chr27_27.00504 2	+	259943	260543	1127087
77.te00056	27	chr27_27.00507 2	+	287506	288063	1127087
77.te00060	27	chr27_27.00510 2	−	347655	348281	1127087
77.te00061	27	chr27_27.00511 2	+	354161	354777	1127087
77.te00062	27	chr27_27.00512 2	−	368641	369263	1127087
77.te00064	27	chr27_27.00514 2	−	386930	387544	1127087
77.te00065	27	chr27_27.00515 2	−	392691	393305	1127087
77.te00066	27	chr27_27.00516 2	−	403952	404532	1127087
77.te00070	27	chr27_27.00519 2	+	429421	430027	1127087
77.te00071	27	chr27_27.00520 2	−	453657	454275	1127087
77.te00073	27	chr27_27.00522 2	−	495095	495734	1127087
77.te00077	27	chr27_27.00525 2	−	523789	524344	1127087
77.te00078	27	chr27_27.00526 2	+	533057	533446	1127087
77.te00080	27	chr27_27.00527 2	+	592862	593504	1127087
77.te00081	27	chr27_27.00528 2	+	600140	600777	1127087
77.te00082	27	chr27_27.00529 2	+	625513	626016	1127087

77.te00086	27	chr27_27.00533	2	+	667438	668030	1127087
77.te00090	27	chr27_27.00536	2	–	736319	736854	1127087
77.te00092	27	chr27_27.00538	2	–	761526	762107	1127087
77.te00097	27	chr27_27.00541	2	–	869595	870037	1127087
77.te00099	27	chr27_27.00543	2	–	884555	885143	1127087
77.te00100	27	chr27_27.00544	2	–	887429	887944	1127087
77.te00101	27	chr27_27.00545	2	–	898479	898861	1127087
77.te00102	27	chr27_27.00546	2	–	965955	966539	1127087
77.te00045	27	chr27_27.00547	2	+	1118098	1118625	1127087
78.te00053	28	chr28_28.00573	1	+	62691	62987	1153766
78.te00059	28	chr28_28.00575	1	+	80475	80726	1153766
78.te00061	28	chr28_28.00576	1	+	82493	82801	1153766
78.te00032	28	chr28_28.00582	1	–	136104	136558	1153766
78.te00034	28	chr28_28.00584	1	–	202632	203299	1153766
78.te00040	28	chr28_28.00589	1	+	432803	433577	1153766
78.te00042	28	chr28_28.00591	1	+	509249	509572	1153766
78.te00043	28	chr28_28.00592	1	+	515873	516184	1153766
78.te00044	28	chr28_28.00593	1	+	518877	519359	1153766
78.te00047	28	chr28_28.00596	1	+	531946	532390	1153766
78.te00048	28	chr28_28.00597	1	+	537554	538198	1153766
78.te00055	28	chr28_28.00603	1	–	750547	750951	1153766
78.te00060	28	chr28_28.00606	1	–	792725	793119	1153766
78.te00065	28	chr28_28.00610	1	+	835356	835745	1153766
78.te00025	28	chr28_28.00618	1	–	1095506	1096356	1153766
78.te00069	28	chr28_28.00614	1	–	964371	964834	1153766
78.te00037	28	chr28_28.00572	2	+	32007	32586	1153766
78.te00057	28	chr28_28.00574	2	+	79423	79998	1153766
78.te00023	28	chr28_28.00577	2	+	107173	107652	1153766
78.te00026	28	chr28_28.00578	2	+	112409	112975	1153766
78.te00029	28	chr28_28.00579	2	–	116057	116711	1153766
78.te00030	28	chr28_28.00580	2	–	119585	120151	1153766
78.te00031	28	chr28_28.00581	2	–	131204	131644	1153766
78.te00033	28	chr28_28.00583	2	–	170019	170664	1153766
78.te00035	28	chr28_28.00585	2	–	274936	275544	1153766
78.te00036	28	chr28_28.00586	2	+	303850	304426	1153766
78.te00038	28	chr28_28.00587	2	–	409732	410335	1153766
78.te00039	28	chr28_28.00588	2	+	421333	421974	1153766
78.te00041	28	chr28_28.00590	2	+	505079	505484	1153766
78.te00045	28	chr28_28.00594	2	+	519565	520160	1153766
78.te00046	28	chr28_28.00595	2	+	524031	524531	1153766
78.te00049	28	chr28_28.00598	2	–	538203	538312	1153766
78.te00050	28	chr28_28.00599	2	+	579547	580128	1153766
78.te00051	28	chr28_28.00600	2	–	590683	591203	1153766
78.te00052	28	chr28_28.00601	2	–	600188	600706	1153766
78.te00054	28	chr28_28.00602	2	–	650045	650752	1153766
78.te00056	28	chr28_28.00604	2	–	768043	768555	1153766
78.te00058	28	chr28_28.00605	2	–	783292	783823	1153766
78.te00062	28	chr28_28.00607	2	–	816888	817270	1153766
78.te00063	28	chr28_28.00608	2	–	824937	825284	1153766
78.te00064	28	chr28_28.00609	2	+	830514	830894	1153766
78.te00066	28	chr28_28.00611	2	–	835749	836167	1153766
78.te00067	28	chr28_28.00612	2	+	875903	876319	1153766

78.te00068	28	chr28_28.00613	2	+	924141	924688	1153766
78.te00070	28	chr28_28.00615	2	+	968433	969056	1153766
78.te00071	28	chr28_28.00616	2	+	984134	984752	1153766
78.te00024	28	chr28_28.00617	2	−	1074594	1075176	1153766
78.te00027	28	chr28_28.00619	2	−	1112644	1113222	1153766
78.te00028	28	chr28_28.00620	2	−	1135242	1135798	1153766
79.te00090	29	chr29_29.00526	1	−	22735	23642	1212674
79.te00085	29	chr29_29.00532	1	−	146486	147656	1212674
79.te00087	29	chr29_29.00534	1	−	185158	185435	1212674
79.te00089	29	chr29_29.00535	1	−	208571	209444	1212674
79.te00093	29	chr29_29.00538	1	−	317437	318635	1212674
79.te00098	29	chr29_29.00543	1	+	343122	344301	1212674
79.te00104	29	chr29_29.00548	1	−	390655	391009	1212674
79.te00106	29	chr29_29.00550	1	+	463666	464010	1212674
79.te00108	29	chr29_29.00552	1	+	515885	516226	1212674
79.te00110	29	chr29_29.00554	1	+	570315	570867	1212674
79.te00111	29	chr29_29.00555	1	+	570912	571832	1212674
79.te00112	29	chr29_29.00556	1	+	594614	595528	1212674
79.te00113	29	chr29_29.00557	1	+	607812	608542	1212674
79.te00114	29	chr29_29.00558	1	+	638779	639654	1212674
79.te00115	29	chr29_29.00559	1	+	645520	645569	1212674
79.te00116	29	chr29_29.00560	1	+	645888	646538	1212674
79.te00117	29	chr29_29.00561	1	−	652037	652400	1212674
79.te00118	29	chr29_29.00562	1	+	652666	652916	1212674
79.te00119	29	chr29_29.00563	1	−	652860	653353	1212674
79.te00120	29	chr29_29.00564	1	−	656137	656432	1212674
79.te00126	29	chr29_29.00570	1	−	712113	712354	1212674
79.te00128	29	chr29_29.00572	1	−	761735	762461	1212674
79.te00129	29	chr29_29.00573	1	−	767917	768372	1212674
79.te00130	29	chr29_29.00574	1	−	769716	769970	1212674
79.te00131	29	chr29_29.00575	1	−	772905	773652	1212674
79.te00133	29	chr29_29.00577	1	−	827395	827560	1212674
79.te00135	29	chr29_29.00579	1	−	838636	839010	1212674
79.te00139	29	chr29_29.00582	1	−	892802	893723	1212674
79.te00142	29	chr29_29.00585	1	−	931824	932265	1212674
79.te00143	29	chr29_29.00586	1	−	934876	935317	1212674
79.te00144	29	chr29_29.00587	1	−	938903	939342	1212674
79.te00152	29	chr29_29.00594	1	−	991378	992439	1212674
79.te00071	29	chr29_29.00603	1	−	1066763	1067487	1212674
79.te00072	29	chr29_29.00604	1	+	1069555	1070615	1212674
79.te00073	29	chr29_29.00605	1	−	1080048	1080277	1212674
79.te00076	29	chr29_29.00608	1	+	1128955	1129235	1212674
79.te00078	29	chr29_29.00610	1	+	1165407	1166098	1212674
79.te00079	29	chr29_29.00611	1	+	1166252	1167103	1212674
79.te00080	29	chr29_29.00612	1	−	1178109	1179014	1212674
79.te00081	29	chr29_29.00613	1	+	1185799	1186478	1212674
79.te00082	29	chr29_29.00614	1	+	1186632	1187485	1212674
79.te00094	29	chr29_29.00539	1	−	320399	321061	1212674
79.te00063	29	chr29_29.00596	1	−	1011124	1011691	1212674
79.te00083	29	chr29_29.00524	2	−	12312	12863	1212674
79.te00088	29	chr29_29.00525	2	−	17892	18440	1212674
79.te00101	29	chr29_29.00527	2	−	37663	38214	1212674

79.te00137	29	chr29_29.00528	2	−	85762	86372	1212674
79.te00146	29	chr29_29.00529	2	−	95240	95834	1212674
79.te00066	29	chr29_29.00530	2	−	103737	104098	1212674
79.te00084	29	chr29_29.00531	2	−	135233	135788	1212674
79.te00086	29	chr29_29.00533	2	−	156051	156387	1212674
79.te00091	29	chr29_29.00536	2	−	268700	269294	1212674
79.te00092	29	chr29_29.00537	2	+	284421	285016	1212674
79.te00095	29	chr29_29.00540	2	−	327576	328145	1212674
79.te00096	29	chr29_29.00541	2	−	333492	334053	1212674
79.te00097	29	chr29_29.00542	2	−	335234	335806	1212674
79.te00099	29	chr29_29.00544	2	+	344614	345185	1212674
79.te00100	29	chr29_29.00545	2	+	361775	362347	1212674
79.te00102	29	chr29_29.00546	2	+	370619	371224	1212674
79.te00103	29	chr29_29.00547	2	+	382180	382751	1212674
79.te00105	29	chr29_29.00549	2	+	453666	454290	1212674
79.te00107	29	chr29_29.00551	2	+	514601	514959	1212674
79.te00109	29	chr29_29.00553	2	+	532441	533049	1212674
79.te00121	29	chr29_29.00565	2	+	656433	657013	1212674
79.te00122	29	chr29_29.00566	2	−	671715	672275	1212674
79.te00123	29	chr29_29.00567	2	−	678174	678747	1212674
79.te00124	29	chr29_29.00568	2	−	702688	703207	1212674
79.te00125	29	chr29_29.00569	2	−	710059	710588	1212674
79.te00127	29	chr29_29.00571	2	−	756805	757396	1212674
79.te00132	29	chr29_29.00576	2	−	826427	827075	1212674
79.te00134	29	chr29_29.00578	2	+	829316	829910	1212674
79.te00136	29	chr29_29.00580	2	−	849516	850071	1212674
79.te00138	29	chr29_29.00581	2	−	891384	892004	1212674
79.te00140	29	chr29_29.00583	2	−	918251	918869	1212674
79.te00141	29	chr29_29.00584	2	−	923029	923642	1212674
79.te00145	29	chr29_29.00588	2	+	939439	940067	1212674
79.te00147	29	chr29_29.00589	2	−	945756	946275	1212674
79.te00148	29	chr29_29.00590	2	+	963645	964204	1212674
79.te00149	29	chr29_29.00591	2	−	980267	980861	1212674
79.te00150	29	chr29_29.00592	2	−	983797	984406	1212674
79.te00151	29	chr29_29.00593	2	−	987303	987884	1212674
79.te00062	29	chr29_29.00595	2	−	1005370	1005955	1212674
79.te00064	29	chr29_29.00597	2	−	1016929	1017515	1212674
79.te00065	29	chr29_29.00598	2	−	1022377	1022965	1212674
79.te00067	29	chr29_29.00599	2	−	1043476	1044054	1212674
79.te00068	29	chr29_29.00600	2	+	1046352	1046813	1212674
79.te00069	29	chr29_29.00601	2	+	1050298	1050899	1212674
79.te00070	29	chr29_29.00602	2	+	1052900	1053496	1212674
79.te00074	29	chr29_29.00606	2	+	1086672	1087252	1212674
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86.te00264	36	chr36_36.01045 2	−	585810	586346	2682183
86.te00265	36	chr36_36.01046 2	+	590522	591039	2682183
86.te00267	36	chr36_36.01048 2	−	630144	630654	2682183
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86.te00271	36	chr36_36.01051 2	−	769756	770276	2682183
86.te00273	36	chr36_36.01052 2	−	787982	788426	2682183
86.te00275	36	chr36_36.01054 2	+	824346	824912	2682183
86.te00282	36	chr36_36.01060 2	+	911302	911903	2682183
86.te00283	36	chr36_36.01061 2	+	933318	933906	2682183
86.te00286	36	chr36_36.01064 2	+	983348	983959	2682183
86.te00288	36	chr36_36.01066 2	+	997474	998038	2682183
86.te00139	36	chr36_36.01069 2	+	1026030	1026581	2682183
86.te00140	36	chr36_36.01070 2	−	1038392	1038933	2682183
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86.te00145	36	chr36_36.01075 2	−	1121789	1122202	2682183
86.te00146	36	chr36_36.01076 2	−	1130476	1130884	2682183
86.te00147	36	chr36_36.01077 2	−	1154355	1154778	2682183
86.te00151	36	chr36_36.01080 2	−	1301316	1301897	2682183
86.te00155	36	chr36_36.01083 2	−	1404297	1404876	2682183
86.te00156	36	chr36_36.01084 2	+	1409822	1410395	2682183
86.te00157	36	chr36_36.01085 2	+	1460723	1461333	2682183
86.te00159	36	chr36_36.01087 2	−	1513973	1514565	2682183

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86.te00164   36   chr36_36.01092 2   +   1573130   1573329   2682183
86.te00166   36   chr36_36.01094 2   +   1604513   1605071   2682183
86.te00167   36   chr36_36.01095 2   –   1627695   1628224   2682183
86.te00170   36   chr36_36.01098 2   +   1671431   1671994   2682183
86.te00173   36   chr36_36.01100 2   +   1764346   1764960   2682183
86.te00175   36   chr36_36.01102 2   +   1771696   1772335   2682183
86.te00176   36   chr36_36.01103 2   +   1789862   1790129   2682183
86.te00182   36   chr36_36.01109 2   +   1885590   1886168   2682183
86.te00184   36   chr36_36.01111 2   +   1907674   1908283   2682183
86.te00187   36   chr36_36.01113 2   –   1938645   1939198   2682183
86.te00189   36   chr36_36.01114 2   –   1981246   1981818   2682183
86.te00191   36   chr36_36.01116 2   –   2010807   2011317   2682183
86.te00194   36   chr36_36.01119 2   –   2081903   2082493   2682183
86.te00198   36   chr36_36.01122 2   –   2132585   2133219   2682183
86.te00200   36   chr36_36.01124 2   –   2138067   2138445   2682183
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86.te00204   36   chr36_36.01126 2   +   2182614   2182915   2682183
86.te00206   36   chr36_36.01128 2   –   2246356   2246916   2682183
86.te00207   36   chr36_36.01129 2   +   2265105   2265688   2682183
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86.te00217   36   chr36_36.01137 2   –   2442201   2442731   2682183
86.te00218   36   chr36_36.01138 2   –   2471638   2472088   2682183
86.te00219   36   chr36_36.01139 2   –   2496551   2497046   2682183
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86.te00227   36   chr36_36.01147 2   –   2577836   2578366   2682183
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