

Table S5. Embryo Noncoding DHSs associated with predicted novel regulatory motifs**Noncoding DHS Motifs**

ce10 Chr	Start	End	q-value	Motif
chr1	10124900	10125050	0.0244	AAAARAAAAC
chr1	10204100	10204250	0.0349	AAAARAAAAC
chr1	10205200	10205350	0.0349	AAAARAAAAC
chr1	10205380	10205530	0.0349	AAAARAAAAC
chr1	10206120	10206270	0.0349	AAAARAAAAC
chr1	10209340	10209490	0.0244	AAAARAAAAC
chr1	10209340	10209490	0.0349	AAAARAAAAC
chr1	10210520	10210670	0.0349	AAAARAAAAC
chr1	10215700	10215850	0.0349	AAAARAAAAC
chr1	11002820	11002970	0.0244	AAAARAAAAC
chr1	11040220	11040370	0.0244	AAAARAAAAC
chr1	11125360	11125510	0.0244	AAAARAAAAC
chr1	11238380	11238530	0.0349	AAAARAAAAC
chr1	11323320	11323470	0.0244	AAAARAAAAC
chr1	11945940	11946090	0.0244	AAAARAAAAC
chr1	12063660	12063810	0.0349	AAAARAAAAC
chr1	12206000	12206150	0.0349	AAAARAAAAC
chr1	12286774	12286870	0.0244	AAAARAAAAC
chr1	12536840	12536870	0.0244	AAAARAAAAC
chr1	12743300	12743450	0.0244	AAAARAAAAC
chr1	12892820	12892970	0.0244	AAAARAAAAC
chr1	1296640	1296790	0.0244	AAAARAAAAC
chr1	13378020	13378170	0.0244	AAAARAAAAC
chr1	13379000	13379150	0.0244	AAAARAAAAC
chr1	13382140	13382290	0.0244	AAAARAAAAC
chr1	13816420	13816570	0.0349	AAAARAAAAC
chr1	14069880	14070030	0.0244	AAAARAAAAC
chr1	14214588	14214670	0.0244	AAAARAAAAC
chr1	14301900	14302050	0.0349	AAAARAAAAC
chr1	1440000	1440150	0.0244	AAAARAAAAC
chr1	14809580	14809730	0.0349	AAAARAAAAC
chr1	14809580	14809730	0.0452	AAAARAAAAC
chr1	14845760	14845910	0.0244	AAAARAAAAC
chr1	14898720	14898870	0.0244	AAAARAAAAC
chr1	14977640	14977777	0.0244	AAAARAAAAC
chr1	1681300	1681450	0.0244	AAAARAAAAC
chr1	1702420	1702570	0.0244	AAAARAAAAC
chr1	1755560	1755710	0.0244	AAAARAAAAC
chr1	2316013	2316090	0.0452	AAAARAAAAC
chr1	2636840	2636904	0.0244	AAAARAAAAC
chr1	270360	270510	0.0244	AAAARAAAAC
chr1	2750960	2751110	0.0452	AAAARAAAAC
chr1	2829660	2829810	0.0244	AAAARAAAAC
chr1	2945580	2945730	0.0244	AAAARAAAAC

chrI	3066180	3066330	0.0244	AAAAAAAAAC
chrI	3191580	3191730	0.0349	AAAAAAAAAC
chrI	3271280	3271430	0.0244	AAAAAAAAAC
chrI	3416460	3416610	0.0244	AAAAAAAAAC
chrI	3421260	3421410	0.0244	AAAAAAAAAC
chrI	3512180	3512330	0.0244	AAAAAAAAAC
chrI	3530960	3531110	0.0244	AAAAAAAAAC
chrI	3592900	3593050	0.0244	AAAAAAAAAC
chrI	3592900	3593050	0.0349	AAAAAAAAAC
chrI	3684540	3684690	0.0452	AAAAAAAAAC
chrI	3734120	3734270	0.0244	AAAAAAAAAC
chrI	3938240	3938270	0.0244	AAAAAAAAAC
chrI	4012840	4012990	0.0244	AAAAAAAAAC
chrI	418800	418950	0.0244	AAAAAAAAAC
chrI	4335040	4335093	0.0244	AAAAAAAAAC
chrI	4367900	4368050	0.0244	AAAAAAAAAC
chrI	4436020	4436170	0.0244	AAAAAAAAAC
chrI	4533000	4533150	0.0244	AAAAAAAAAC
chrI	468480	468630	0.0244	AAAAAAAAAC
chrI	4712760	4712883	0.0244	AAAAAAAAAC
chrI	484640	484788	0.0244	AAAAAAAAAC
chrI	4885120	4885187	0.0244	AAAAAAAAAC
chrI	4933260	4933410	0.0244	AAAAAAAAAC
chrI	5014833	5014870	0.0349	AAAAAAAAAC
chrI	5312120	5312270	0.0244	AAAAAAAAAC
chrI	5358160	5358310	0.0244	AAAAAAAAAC
chrI	5634860	5635010	0.0244	AAAAAAAAAC
chrI	6000360	6000510	0.0244	AAAAAAAAAC
chrI	6398180	6398330	0.0244	AAAAAAAAAC
chrI	6465920	6466070	0.0244	AAAAAAAAAC
chrI	6577800	6577950	0.0244	AAAAAAAAAC
chrI	6877500	6877613	0.0244	AAAAAAAAAC
chrI	7011304	7011390	0.0349	AAAAAAAAAC
chrI	7035720	7035870	0.0244	AAAAAAAAAC
chrI	7371840	7371990	0.0452	AAAAAAAAAC
chrI	7588500	7588650	0.0244	AAAAAAAAAC
chrI	7702260	7702410	0.0244	AAAAAAAAAC
chrI	8195200	8195350	0.0244	AAAAAAAAAC
chrI	8270240	8270390	0.0349	AAAAAAAAAC
chrI	8317160	8317310	0.0244	AAAAAAAAAC
chrI	8751100	8751235	0.0349	AAAAAAAAAC
chrI	8943640	8943790	0.0244	AAAAAAAAAC
chrI	9113120	9113270	0.0349	AAAAAAAAAC
chrI	9191420	9191557	0.0349	AAAAAAAAAC
chrI	9710860	9711010	0.0452	AAAAAAAAAC
chrI	9742060	9742210	0.0244	AAAAAAAAAC
chrI	9822520	9822670	0.0349	AAAAAAAAAC

chrII	10155180	10155330	0.0349	AAAAAAAAAC
chrII	10753600	10753750	0.0244	AAAAAAAAAC
chrII	10793240	10793326	0.0244	AAAAAAAAAC
chrII	10800180	10800330	0.0349	AAAAAAAAAC
chrII	10862920	10863070	0.0244	AAAAAAAAAC
chrII	11002840	11002980	0.0349	AAAAAAAAAC
chrII	11081480	11081630	0.0244	AAAAAAAAAC
chrII	11157180	11157291	0.0244	AAAAAAAAAC
chrII	11272580	11272730	0.0452	AAAAAAAAAC
chrII	11314100	11314181	0.0452	AAAAAAAAAC
chrII	11572200	11572350	0.0244	AAAAAAAAAC
chrII	1162640	1162790	0.0244	AAAAAAAAAC
chrII	11650500	11650590	0.0244	AAAAAAAAAC
chrII	11685320	11685470	0.0349	AAAAAAAAAC
chrII	11695760	11695910	0.0244	AAAAAAAAAC
chrII	11729105	11729230	0.0349	AAAAAAAAAC
chrII	11920180	11920330	0.0244	AAAAAAAAAC
chrII	11928920	11929070	0.0244	AAAAAAAAAC
chrII	11974080	11974230	0.0244	AAAAAAAAAC
chrII	12042720	12042870	0.0244	AAAAAAAAAC
chrII	12130540	12130690	0.0244	AAAAAAAAAC
chrII	12365760	12365910	0.0244	AAAAAAAAAC
chrII	12365760	12365910	0.0452	AAAAAAAAAC
chrII	12743160	12743310	0.0244	AAAAAAAAAC
chrII	1282243	1282270	0.0244	AAAAAAAAAC
chrII	12939140	12939290	0.0244	AAAAAAAAAC
chrII	12941680	12941783	0.0244	AAAAAAAAAC
chrII	13157047	13157150	0.0244	AAAAAAAAAC
chrII	13369340	13369490	0.0244	AAAAAAAAAC
chrII	13450200	13450350	0.0244	AAAAAAAAAC
chrII	13780620	13780770	0.0244	AAAAAAAAAC
chrII	13964160	13964310	0.0244	AAAAAAAAAC
chrII	14069203	14069330	0.0244	AAAAAAAAAC
chrII	14646440	14646590	0.0244	AAAAAAAAAC
chrII	14760080	14760230	0.0244	AAAAAAAAAC
chrII	14980780	14980930	0.0244	AAAAAAAAAC
chrII	15119040	15119190	0.0244	AAAAAAAAAC
chrII	1527700	1527850	0.0244	AAAAAAAAAC
chrII	159500	159650	0.0349	AAAAAAAAAC
chrII	1634300	1634450	0.0244	AAAAAAAAAC
chrII	1757820	1757970	0.0244	AAAAAAAAAC
chrII	201180	201330	0.0244	AAAAAAAAAC
chrII	2137200	2137240	0.0244	AAAAAAAAAC
chrII	2459860	2460010	0.0349	AAAAAAAAAC
chrII	2523600	2523750	0.0244	AAAAAAAAAC
chrII	2683661	2683713	0.0244	AAAAAAAAAC
chrII	2802940	2803090	0.0244	AAAAAAAAAC

chrII	3736980	3737130	0.0244 AAAARAAAAC
chrII	3956260	3956410	0.0244 AAAARAAAAC
chrII	3956980	3957130	0.0244 AAAARAAAAC
chrII	3969740	3969890	0.0244 AAAARAAAAC
chrII	4024100	4024250	0.0244 AAAARAAAAC
chrII	4116200	4116350	0.0244 AAAARAAAAC
chrII	4180080	4180230	0.0349 AAAARAAAAC
chrII	4236040	4236190	0.0244 AAAARAAAAC
chrII	4276760	4276910	0.0244 AAAARAAAAC
chrII	4299340	4299490	0.0244 AAAARAAAAC
chrII	4327560	4327710	0.0244 AAAARAAAAC
chrII	4498740	4498890	0.0349 AAAARAAAAC
chrII	4606820	4606970	0.0244 AAAARAAAAC
chrII	4646300	4646450	0.0452 AAAARAAAAC
chrII	4716480	4716630	0.0244 AAAARAAAAC
chrII	4965620	4965770	0.0452 AAAARAAAAC
chrII	505500	505650	0.0244 AAAARAAAAC
chrII	523000	523150	0.0244 AAAARAAAAC
chrII	5264440	5264590	0.0349 AAAARAAAAC
chrII	5532440	5532590	0.0244 AAAARAAAAC
chrII	5723880	5724030	0.0244 AAAARAAAAC
chrII	5790600	5790733	0.0244 AAAARAAAAC
chrII	5963960	5964110	0.0349 AAAARAAAAC
chrII	6316740	6316890	0.0244 AAAARAAAAC
chrII	6819560	6819710	0.0349 AAAARAAAAC
chrII	6916400	6916550	0.0452 AAAARAAAAC
chrII	7105040	7105190	0.0452 AAAARAAAAC
chrII	7111780	7111930	0.0244 AAAARAAAAC
chrII	7165562	7165690	0.0244 AAAARAAAAC
chrII	7419740	7419890	0.0244 AAAARAAAAC
chrII	7574380	7574451	0.0349 AAAARAAAAC
chrII	759940	760090	0.0349 AAAARAAAAC
chrII	7625380	7625530	0.0349 AAAARAAAAC
chrII	7654060	7654210	0.0244 AAAARAAAAC
chrII	7840980	7841130	0.0244 AAAARAAAAC
chrII	7892980	7893130	0.0349 AAAARAAAAC
chrII	7921260	7921410	0.0244 AAAARAAAAC
chrII	833160	833310	0.0244 AAAARAAAAC
chrII	8342000	8342150	0.0244 AAAARAAAAC
chrII	8625420	8625570	0.0244 AAAARAAAAC
chrII	891240	891390	0.0244 AAAARAAAAC
chrII	9023720	9023870	0.0349 AAAARAAAAC
chrII	9209940	9210090	0.0452 AAAARAAAAC
chrII	9365240	9365390	0.0452 AAAARAAAAC
chrII	9500020	9500170	0.0244 AAAARAAAAC
chrII	9680420	9680570	0.0244 AAAARAAAAC
chrII	9680660	9680798	0.0452 AAAARAAAAC

chrII	9729820	9729970	0.0244	AAAARAAAAC
chrIII	10388460	10388610	0.0244	AAAARAAAAC
chrIII	10397320	10397470	0.0244	AAAARAAAAC
chrIII	10415080	10415230	0.0244	AAAARAAAAC
chrIII	10517760	10517910	0.0244	AAAARAAAAC
chrIII	11038511	11038550	0.0244	AAAARAAAAC
chrIII	11039280	11039430	0.0244	AAAARAAAAC
chrIII	11317055	11317170	0.0349	AAAARAAAAC
chrIII	11336160	11336310	0.0244	AAAARAAAAC
chrIII	1136880	1137030	0.0349	AAAARAAAAC
chrIII	11451420	11451570	0.0349	AAAARAAAAC
chrIII	11481520	11481670	0.0244	AAAARAAAAC
chrIII	11489360	11489510	0.0349	AAAARAAAAC
chrIII	11490880	11491030	0.0349	AAAARAAAAC
chrIII	11582492	11582630	0.0244	AAAARAAAAC
chrIII	1160600	1160750	0.0349	AAAARAAAAC
chrIII	11652903	11652974	0.0349	AAAARAAAAC
chrIII	11664540	11664690	0.0244	AAAARAAAAC
chrIII	11693837	11693890	0.0244	AAAARAAAAC
chrIII	11694680	11694830	0.0244	AAAARAAAAC
chrIII	1177620	1177711	0.0244	AAAARAAAAC
chrIII	11898680	11898830	0.0244	AAAARAAAAC
chrIII	12006140	12006290	0.0244	AAAARAAAAC
chrIII	12148180	12148330	0.0452	AAAARAAAAC
chrIII	12210800	12210950	0.0244	AAAARAAAAC
chrIII	12307740	12307781	0.0244	AAAARAAAAC
chrIII	12391840	12391990	0.0244	AAAARAAAAC
chrIII	12696720	12696870	0.0244	AAAARAAAAC
chrIII	12794460	12794610	0.0244	AAAARAAAAC
chrIII	12840800	12840950	0.0244	AAAARAAAAC
chrIII	12887480	12887630	0.0244	AAAARAAAAC
chrIII	12934560	12934710	0.0244	AAAARAAAAC
chrIII	13089820	13089970	0.0244	AAAARAAAAC
chrIII	13101080	13101230	0.0244	AAAARAAAAC
chrIII	13269240	13269390	0.0244	AAAARAAAAC
chrIII	13350360	13350510	0.0244	AAAARAAAAC
chrIII	13521740	13521890	0.0452	AAAARAAAAC
chrIII	13688951	13689090	0.0244	AAAARAAAAC
chrIII	13730526	13730670	0.0244	AAAARAAAAC
chrIII	1742360	1742510	0.0349	AAAARAAAAC
chrIII	1850280	1850364	0.0244	AAAARAAAAC
chrIII	2051620	2051770	0.0244	AAAARAAAAC
chrIII	2124860	2125010	0.0244	AAAARAAAAC
chrIII	2131100	2131250	0.0244	AAAARAAAAC
chrIII	213760	213910	0.0452	AAAARAAAAC
chrIII	215740	215890	0.0349	AAAARAAAAC
chrIII	2324900	2325050	0.0244	AAAARAAAAC

chrIII	2554500	2554650	0.0244	AAAARAAAAC
chrIII	2618358	2618490	0.0244	AAAARAAAAC
chrIII	2720060	2720210	0.0452	AAAARAAAAC
chrIII	2833220	2833370	0.0244	AAAARAAAAC
chrIII	299380	299530	0.0349	AAAARAAAAC
chrIII	3033680	3033830	0.0244	AAAARAAAAC
chrIII	3110340	3110490	0.0244	AAAARAAAAC
chrIII	3143600	3143654	0.0244	AAAARAAAAC
chrIII	3360075	3360130	0.0244	AAAARAAAAC
chrIII	3371680	3371830	0.0244	AAAARAAAAC
chrIII	3384280	3384430	0.0244	AAAARAAAAC
chrIII	3589320	3589470	0.0244	AAAARAAAAC
chrIII	3630900	3631050	0.0452	AAAARAAAAC
chrIII	3694520	3694670	0.0244	AAAARAAAAC
chrIII	3705080	3705230	0.0244	AAAARAAAAC
chrIII	3784660	3784810	0.0244	AAAARAAAAC
chrIII	3796880	3797030	0.0244	AAAARAAAAC
chrIII	3826520	3826645	0.0244	AAAARAAAAC
chrIII	3885920	3886070	0.0244	AAAARAAAAC
chrIII	3993960	3994110	0.0244	AAAARAAAAC
chrIII	4133700	4133840	0.0244	AAAARAAAAC
chrIII	4459360	4459510	0.0349	AAAARAAAAC
chrIII	4497780	4497930	0.0244	AAAARAAAAC
chrIII	454391	454490	0.0244	AAAARAAAAC
chrIII	4546025	4546130	0.0244	AAAARAAAAC
chrIII	4562200	4562350	0.0349	AAAARAAAAC
chrIII	4746620	4746770	0.0244	AAAARAAAAC
chrIII	4953080	4953230	0.0244	AAAARAAAAC
chrIII	4968100	4968250	0.0244	AAAARAAAAC
chrIII	5430280	5430430	0.0244	AAAARAAAAC
chrIII	5603656	5603750	0.0349	AAAARAAAAC
chrIII	5642160	5642310	0.0244	AAAARAAAAC
chrIII	5758740	5758890	0.0244	AAAARAAAAC
chrIII	6001640	6001790	0.0349	AAAARAAAAC
chrIII	6135220	6135370	0.0244	AAAARAAAAC
chrIII	6141180	6141330	0.0349	AAAARAAAAC
chrIII	6218780	6218930	0.0349	AAAARAAAAC
chrIII	6352700	6352850	0.0244	AAAARAAAAC
chrIII	6406860	6407010	0.0244	AAAARAAAAC
chrIII	6580160	6580310	0.0452	AAAARAAAAC
chrIII	669260	669410	0.0244	AAAARAAAAC
chrIII	7085100	7085195	0.0349	AAAARAAAAC
chrIII	7375480	7375630	0.0349	AAAARAAAAC
chrIII	744580	744730	0.0452	AAAARAAAAC
chrIII	7583960	7584110	0.0244	AAAARAAAAC
chrIII	7854000	7854150	0.0244	AAAARAAAAC
chrIII	787980	788130	0.0244	AAAARAAAAC

chrIII	7940931	7941060	0.0349	AAAARAAAAC
chrIII	8176120	8176270	0.0244	AAAARAAAAC
chrIII	8286220	8286370	0.0349	AAAARAAAAC
chrIII	8418940	8419090	0.0349	AAAARAAAAC
chrIII	8452380	8452530	0.0244	AAAARAAAAC
chrIII	8457300	8457450	0.0349	AAAARAAAAC
chrIII	8504840	8504990	0.0244	AAAARAAAAC
chrIII	8882640	8882790	0.0244	AAAARAAAAC
chrIII	8955400	8955550	0.0349	AAAARAAAAC
chrIII	9221840	9221990	0.0244	AAAARAAAAC
chrIII	9247320	9247470	0.0244	AAAARAAAAC
chrIII	9300060	9300210	0.0244	AAAARAAAAC
chrIII	9701340	9701490	0.0244	AAAARAAAAC
chrIII	9825445	9825570	0.0452	AAAARAAAAC
chrIII	9903940	9904090	0.0244	AAAARAAAAC
chrIII	9905800	9905950	0.0349	AAAARAAAAC
chrIII	9972320	9972470	0.0349	AAAARAAAAC
chrIV	10079960	10080110	0.0349	AAAARAAAAC
chrIV	10194880	10195030	0.0349	AAAARAAAAC
chrIV	10526220	10526370	0.0349	AAAARAAAAC
chrIV	10612800	10612950	0.0244	AAAARAAAAC
chrIV	10869920	10870070	0.0452	AAAARAAAAC
chrIV	11140100	11140160	0.0452	AAAARAAAAC
chrIV	11285500	11285650	0.0244	AAAARAAAAC
chrIV	11493260	11493410	0.0349	AAAARAAAAC
chrIV	11498720	11498870	0.0349	AAAARAAAAC
chrIV	11537480	11537630	0.0244	AAAARAAAAC
chrIV	11542260	11542410	0.0244	AAAARAAAAC
chrIV	11566800	11566950	0.0349	AAAARAAAAC
chrIV	11717720	11717870	0.0244	AAAARAAAAC
chrIV	11788580	11788730	0.0349	AAAARAAAAC
chrIV	1228880	1229030	0.0244	AAAARAAAAC
chrIV	12346380	12346530	0.0349	AAAARAAAAC
chrIV	12419380	12419530	0.0244	AAAARAAAAC
chrIV	12609140	12609290	0.0244	AAAARAAAAC
chrIV	12767880	12768030	0.0244	AAAARAAAAC
chrIV	12998880	12999030	0.0244	AAAARAAAAC
chrIV	13022920	13023070	0.0244	AAAARAAAAC
chrIV	13030540	13030690	0.0244	AAAARAAAAC
chrIV	13293320	13293470	0.0244	AAAARAAAAC
chrIV	13445480	13445630	0.0244	AAAARAAAAC
chrIV	1352720	1352767	0.0244	AAAARAAAAC
chrIV	13878780	13878930	0.0244	AAAARAAAAC
chrIV	14002720	14002870	0.0244	AAAARAAAAC
chrIV	14100740	14100890	0.0452	AAAARAAAAC
chrIV	14264220	14264370	0.0452	AAAARAAAAC
chrIV	14611120	14611270	0.0349	AAAARAAAAC

chrIV	1496760	1496910	0.0244	AAAAAAAAAC
chrIV	15017160	15017310	0.0244	AAAAAAAAAC
chrIV	15281480	15281630	0.0244	AAAAAAAAAC
chrIV	1536200	1536276	0.0244	AAAAAAAAAC
chrIV	15455521	15455570	0.0244	AAAAAAAAAC
chrIV	15471488	15471610	0.0244	AAAAAAAAAC
chrIV	15511760	15511910	0.0244	AAAAAAAAAC
chrIV	16391520	16391670	0.0349	AAAAAAAAAC
chrIV	16504237	16504370	0.0244	AAAAAAAAAC
chrIV	16779289	16779367	0.0244	AAAAAAAAAC
chrIV	16847520	16847670	0.0244	AAAAAAAAAC
chrIV	1687040	1687190	0.0244	AAAAAAAAAC
chrIV	16961660	16961810	0.0244	AAAAAAAAAC
chrIV	17062820	17062970	0.0349	AAAAAAAAAC
chrIV	17100700	17100850	0.0244	AAAAAAAAAC
chrIV	17175820	17175970	0.0244	AAAAAAAAAC
chrIV	1784560	1784710	0.0244	AAAAAAAAAC
chrIV	2216861	2216950	0.0244	AAAAAAAAAC
chrIV	2571506	2571561	0.0244	AAAAAAAAAC
chrIV	2651300	2651450	0.0244	AAAAAAAAAC
chrIV	2751700	2751850	0.0452	AAAAAAAAAC
chrIV	2890449	2890510	0.0244	AAAAAAAAAC
chrIV	3007100	3007250	0.0244	AAAAAAAAAC
chrIV	3090000	3090150	0.0244	AAAAAAAAAC
chrIV	3091660	3091810	0.0244	AAAAAAAAAC
chrIV	3106380	3106530	0.0244	AAAAAAAAAC
chrIV	3204320	3204470	0.0452	AAAAAAAAAC
chrIV	3254560	3254710	0.0244	AAAAAAAAAC
chrIV	3387000	3387150	0.0244	AAAAAAAAAC
chrIV	3700654	3700790	0.0349	AAAAAAAAAC
chrIV	3707640	3707790	0.0244	AAAAAAAAAC
chrIV	3874680	3874830	0.0244	AAAAAAAAAC
chrIV	4022080	4022230	0.0244	AAAAAAAAAC
chrIV	4222300	4222450	0.0244	AAAAAAAAAC
chrIV	4551660	4551810	0.0244	AAAAAAAAAC
chrIV	4615380	4615530	0.0244	AAAAAAAAAC
chrIV	4630280	4630430	0.0244	AAAAAAAAAC
chrIV	4667680	4667830	0.0349	AAAAAAAAAC
chrIV	4740280	4740430	0.0244	AAAAAAAAAC
chrIV	4821720	4821870	0.0244	AAAAAAAAAC
chrIV	50020	50170	0.0244	AAAAAAAAAC
chrIV	5271280	5271430	0.0349	AAAAAAAAAC
chrIV	5704040	5704190	0.0244	AAAAAAAAAC
chrIV	5842780	5842930	0.0244	AAAAAAAAAC
chrIV	5950980	5951130	0.0244	AAAAAAAAAC
chrIV	596640	596790	0.0244	AAAAAAAAAC
chrIV	6041700	6041850	0.0452	AAAAAAAAAC

chrIV	6049400	6049550	0.0244	AAAAAAAAAC
chrIV	608480	608630	0.0244	AAAAAAAAAC
chrIV	6129320	6129470	0.0244	AAAAAAAAAC
chrIV	626420	626570	0.0244	AAAAAAAAAC
chrIV	6328160	6328310	0.0244	AAAAAAAAAC
chrIV	6399180	6399330	0.0244	AAAAAAAAAC
chrIV	647420	647570	0.0349	AAAAAAAAAC
chrIV	6546260	6546410	0.0244	AAAAAAAAAC
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chrIV	6750200	6750350	0.0349	AAAAAAAAAC
chrIV	6782040	6782190	0.0244	AAAAAAAAAC
chrIV	682380	682530	0.0244	AAAAAAAAAC
chrIV	6841740	6841890	0.0244	AAAAAAAAAC
chrIV	6879020	6879170	0.0349	AAAAAAAAAC
chrIV	7295400	7295550	0.0452	AAAAAAAAAC
chrIV	7426320	7426470	0.0244	AAAAAAAAAC
chrIV	7437160	7437265	0.0349	AAAAAAAAAC
chrIV	7859920	7860070	0.0244	AAAAAAAAAC
chrIV	7888760	7888910	0.0452	AAAAAAAAAC
chrIV	8065080	8065230	0.0244	AAAAAAAAAC
chrIV	8316820	8316970	0.0244	AAAAAAAAAC
chrIV	8350340	8350490	0.0244	AAAAAAAAAC
chrIV	8398720	8398863	0.0244	AAAAAAAAAC
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chrIV	8919140	8919290	0.0452	AAAAAAAAAC
chrIV	9015060	9015210	0.0244	AAAAAAAAAC
chrIV	91380	91530	0.0244	AAAAAAAAAC
chrIV	9175500	9175650	0.0244	AAAAAAAAAC
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chrIV	9477360	9477510	0.0452	AAAAAAAAAC
chrIV	9635660	9635810	0.0244	AAAAAAAAAC
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chrV	10014080	10014230	0.0244	AAAAAAAAAC
chrV	10030240	10030390	0.0244	AAAAAAAAAC
chrV	10307360	10307510	0.0244	AAAAAAAAAC
chrV	1041260	1041410	0.0244	AAAAAAAAAC
chrV	1043460	1043610	0.0244	AAAAAAAAAC
chrV	10631560	10631710	0.0244	AAAAAAAAAC
chrV	10817520	10817670	0.0244	AAAAAAAAAC
chrV	10818300	10818450	0.0244	AAAAAAAAAC
chrV	10877940	10878090	0.0349	AAAAAAAAAC
chrV	11505140	11505290	0.0244	AAAAAAAAAC
chrV	11535340	11535490	0.0452	AAAAAAAAAC
chrV	11731060	11731116	0.0244	AAAAAAAAAC
chrV	11779560	11779710	0.0244	AAAAAAAAAC
chrV	11823080	11823230	0.0244	AAAAAAAAAC
chrV	12014440	12014590	0.0452	AAAAAAAAAC

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chrV	12533000	12533150	0.0244	AAAAARAAAAC
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chrV	13204340	13204490	0.0244	AAAAARAAAAC
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chrV	13789020	13789170	0.0349	AAAAARAAAAC
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chrV	14836220	14836370	0.0244	AAAAARAAAAC
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chrV	15054757	15054821	0.0244	AAAAARAAAAC
chrV	15080539	15080590	0.0244	AAAAARAAAAC
chrV	15431855	15431970	0.0244	AAAAARAAAAC
chrV	15544980	15545130	0.0244	AAAAARAAAAC
chrV	16515640	16515790	0.0244	AAAAARAAAAC
chrV	16776000	16776150	0.0244	AAAAARAAAAC
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chrV	17013600	17013750	0.0244	AAAAARAAAAC
chrV	1705120	1705270	0.0244	AAAAARAAAAC
chrV	1706080	1706230	0.0244	AAAAARAAAAC
chrV	17466029	17466090	0.0244	AAAAARAAAAC
chrV	17786480	17786630	0.0244	AAAAARAAAAC
chrV	17807600	17807750	0.0244	AAAAARAAAAC
chrV	17871180	17871330	0.0244	AAAAARAAAAC
chrV	17879560	17879710	0.0244	AAAAARAAAAC
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chrV	18339260	18339410	0.0244	AAAAARAAAAC

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chrV	18669700	18669850	0.0244	AAAAAAAAAC
chrV	18725320	18725470	0.0244	AAAAAAAAAC
chrV	18969780	18969930	0.0244	AAAAAAAAAC
chrV	18992520	18992670	0.0244	AAAAAAAAAC
chrV	19177960	19178110	0.0244	AAAAAAAAAC
chrV	19247320	19247470	0.0349	AAAAAAAAAC
chrV	19552040	19552190	0.0244	AAAAAAAAAC
chrV	19598520	19598670	0.0349	AAAAAAAAAC
chrV	19982380	19982530	0.0244	AAAAAAAAAC
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chrV	20334280	20334430	0.0244	AAAAAAAAAC
chrV	20334560	20334710	0.0244	AAAAAAAAAC
chrV	20358402	20358510	0.0244	AAAAAAAAAC
chrV	20451640	20451790	0.0244	AAAAAAAAAC
chrV	2081160	2081310	0.0452	AAAAAAAAAC
chrV	2602720	2602768	0.0244	AAAAAAAAAC
chrV	318100	318250	0.0244	AAAAAAAAAC
chrV	3644380	3644530	0.0244	AAAAAAAAAC
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chrV	3827880	3828030	0.0244	AAAAAAAAAC
chrV	3942760	3942836	0.0244	AAAAAAAAAC
chrV	3982472	3982521	0.0244	AAAAAAAAAC
chrV	4069200	4069350	0.0244	AAAAAAAAAC
chrV	4571060	4571143	0.0244	AAAAAAAAAC
chrV	4637700	4637850	0.0244	AAAAAAAAAC
chrV	4689780	4689930	0.0244	AAAAAAAAAC
chrV	4700289	4700430	0.0349	AAAAAAAAAC
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chrV	5218080	5218230	0.0244	AAAAAAAAAC
chrV	5218080	5218230	0.0452	AAAAAAAAAC
chrV	5221640	5221790	0.0349	AAAAAAAAAC
chrV	5225080	5225230	0.0244	AAAAAAAAAC
chrV	5402480	5402630	0.0452	AAAAAAAAAC
chrV	5455180	5455330	0.0244	AAAAAAAAAC
chrV	5616240	5616390	0.0244	AAAAAAAAAC
chrV	5675820	5675912	0.0452	AAAAAAAAAC
chrV	5860140	5860290	0.0244	AAAAAAAAAC
chrV	6029960	6030110	0.0452	AAAAAAAAAC
chrV	6141220	6141370	0.0244	AAAAAAAAAC
chrV	6429960	6430110	0.0244	AAAAAAAAAC
chrV	6462620	6462770	0.0349	AAAAAAAAAC
chrV	6599707	6599850	0.0244	AAAAAAAAAC
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chrV	8040880	8041030	0.0244	AAAAAAAAAC
chrV	8174380	8174530	0.0244	AAAAAAAAAC

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chrV	982760	982910	0.0244	AAAAAAAAAC
chrV	9878600	9878722	0.0244	AAAAAAAAAC
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chrX	10426582	10426710	0.0244	AAAAAAAAAC
chrX	10428760	10428910	0.0244	AAAAAAAAAC
chrX	10588780	10588930	0.0244	AAAAAAAAAC
chrX	10639400	10639550	0.0244	AAAAAAAAAC
chrX	10834520	10834670	0.0244	AAAAAAAAAC
chrX	10924460	10924610	0.0349	AAAAAAAAAC
chrX	11132540	11132690	0.0244	AAAAAAAAAC
chrX	1121960	1122110	0.0244	AAAAAAAAAC
chrX	11223080	11223230	0.0349	AAAAAAAAAC
chrX	11563708	11563850	0.0452	AAAAAAAAAC
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chrX	12054240	12054390	0.0244	AAAAAAAAAC
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chrX	12559700	12559850	0.0244	AAAAAAAAAC
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chrX	1260740	1260890	0.0349	AAAAAAAAAC
chrX	1260740	1260890	0.0452	AAAAAAAAAC
chrX	12689620	12689770	0.0349	AAAAAAAAAC
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chrX	12760460	12760610	0.0244	AAAAAAAAAC
chrX	12819680	12819830	0.0244	AAAAAAAAAC
chrX	13055460	13055610	0.0244	AAAAAAAAAC
chrX	13156520	13156670	0.0244	AAAAAAAAAC
chrX	13170120	13170270	0.0349	AAAAAAAAAC
chrX	13187400	13187550	0.0244	AAAAAAAAAC
chrX	1334500	1334650	0.0452	AAAAAAAAAC
chrX	13369180	13369330	0.0244	AAAAAAAAAC
chrX	13651880	13652030	0.0244	AAAAAAAAAC
chrX	13706540	13706690	0.0349	AAAAAAAAAC
chrX	13734040	13734190	0.0244	AAAAAAAAAC
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chrX	13767540	13767690	0.0244	AAAAAAAAAC
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chrX	13938600	13938743	0.0244	AAAAAAAAAC

chrX	14032160	14032310	0.0244	AAAAAAAAAC
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chrX	14247560	14247710	0.0244	AAAAAAAAAC
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chrX	15201760	15201910	0.0244	AAAAAAAAAC
chrX	15225320	15225470	0.0349	AAAAAAAAAC
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chrX	15301020	15301170	0.0244	AAAAAAAAAC
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chrX	15637880	15638030	0.0244	AAAAAAAAAC
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chrX	15666140	15666290	0.0349	AAAAAAAAAC
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chrX	1628520	1628670	0.0244	AAAAAAAAAC
chrX	16411180	16411330	0.0244	AAAAAAAAAC
chrX	16529980	16530130	0.0244	AAAAAAAAAC
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chrX	16691620	16691770	0.0244	AAAAAAAAAC
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chrX	1714620	1714770	0.0244	AAAAAAAAAC
chrX	17181820	17181970	0.0349	AAAAAAAAAC
chrX	17389280	17389430	0.0349	AAAAAAAAAC
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chrX	17493680	17493830	0.0349	AAAAAAAAAC
chrX	182320	182470	0.0244	AAAAAAAAAC
chrX	1891620	1891770	0.0244	AAAAAAAAAC
chrX	1948840	1948990	0.0349	AAAAAAAAAC
chrX	2189100	2189250	0.0244	AAAAAAAAAC
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chrX	2337403	2337450	0.0244	AAAAAAAAAC
chrX	2344302	2344350	0.0452	AAAAAAAAAC
chrX	2362820	2362970	0.0452	AAAAAAAAAC

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chrX	2538420	2538570	0.0244	AAAAAAAAAC
chrX	2601420	2601570	0.0244	AAAAAAAAAC
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chrX	2771880	2772030	0.0244	AAAAAAAAAC
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chrX	3581700	3581850	0.0244	AAAAAAAAAC
chrX	3835800	3835950	0.0244	AAAAAAAAAC
chrX	3862580	3862730	0.0244	AAAAAAAAAC
chrX	3881980	3882130	0.0244	AAAAAAAAAC
chrX	3911460	3911610	0.0452	AAAAAAAAAC
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chrX	5819960	5820110	0.0244	AAAAAAAAAC
chrX	595540	595600	0.0244	AAAAAAAAAC
chrX	5979460	5979610	0.0244	AAAAAAAAAC
chrX	6220780	6220930	0.0244	AAAAAAAAAC
chrX	6250220	6250370	0.0244	AAAAAAAAAC
chrX	6394840	6394990	0.0244	AAAAAAAAAC
chrX	648550	648650	0.0244	AAAAAAAAAC
chrX	6825860	6826010	0.0244	AAAAAAAAAC

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chrX	7327060	7327210	0.0244	AAAARAAAAC
chrX	7457220	7457370	0.0349	AAAARAAAAC
chrX	7820820	7820970	0.0452	AAAARAAAAC
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chrX	8123340	8123490	0.0244	AAAARAAAAC
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chrX	8570140	8570290	0.0244	AAAARAAAAC
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chrX	8654400	8654550	0.0349	AAAARAAAAC
chrX	8751960	8752110	0.0244	AAAARAAAAC
chrX	8772480	8772630	0.0244	AAAARAAAAC
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chrX	9207200	9207350	0.0244	AAAARAAAAC
chrX	9243340	9243490	0.0452	AAAARAAAAC
chrX	9264500	9264650	0.0244	AAAARAAAAC
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chrX	9410880	9411030	0.0244	AAAARAAAAC
chrX	9492080	9492230	0.0244	AAAARAAAAC
chrX	951600	951683	0.0452	AAAARAAAAC
chrX	9530560	9530710	0.0349	AAAARAAAAC
chrX	9863820	9863970	0.0452	AAAARAAAAC
chrX	988732	988790	0.0244	AAAARAAAAC
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chrI	10469260	10469410	0.00584	AAAGGGGAKCTG
chrI	12899118	12899170	0.00584	AAAGGGGAKCTG
chrI	4958800	4958950	0.00584	AAAGGGGAKCTG
chrI	4959160	4959310	0.00584	AAAGGGGAKCTG
chrI	4961740	4961890	0.00584	AAAGGGGAKCTG
chrII	10247700	10247850	0.00584	AAAGGGGAKCTG
chrII	10247700	10247850	0.00899	AAAGGGGAKCTG
chrII	10248380	10248530	0.00584	AAAGGGGAKCTG
chrII	11534600	11534750	0.00584	AAAGGGGAKCTG
chrII	11534820	11534970	0.00584	AAAGGGGAKCTG
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chrII	14346160	14346310	0.00584	AAAGGGGAKCTG
chrII	7894600	7894750	0.00584	AAAGGGGAKCTG
chrII	7894980	7895130	0.00584	AAAGGGGAKCTG
chrIII	10123640	10123790	0.00584	AAAGGGGAKCTG
chrIII	10436440	10436590	0.00584	AAAGGGGAKCTG
chrIII	10811260	10811410	0.00584	AAAGGGGAKCTG

chrIII	12684900	12685050	0.00584	AAAGGGGAKCTG
chrIII	12877900	12878050	0.00584	AAAGGGGAKCTG
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chrIII	12878180	12878330	0.00584	AAAGGGGAKCTG
chrIII	12878180	12878330	0.00899	AAAGGGGAKCTG
chrIII	13644840	13644990	0.00584	AAAGGGGAKCTG
chrIII	3770820	3770970	0.00584	AAAGGGGAKCTG
chrIII	3770820	3770970	0.00899	AAAGGGGAKCTG
chrIII	7708485	7708630	0.00584	AAAGGGGAKCTG
chrIV	11179000	11179150	0.00584	AAAGGGGAKCTG
chrIV	11179200	11179350	0.00584	AAAGGGGAKCTG
chrIV	11179200	11179350	0.00899	AAAGGGGAKCTG
chrIV	12621760	12621910	0.00584	AAAGGGGAKCTG
chrIV	12798600	12798750	0.042	AAAGGGGAKCTG
chrIV	1447220	1447370	0.00584	AAAGGGGAKCTG
chrIV	1447220	1447370	0.00899	AAAGGGGAKCTG
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chrIV	15043643	15043790	0.00899	AAAGGGGAKCTG
chrIV	1715020	1715170	0.00584	AAAGGGGAKCTG
chrIV	1715020	1715170	0.00899	AAAGGGGAKCTG
chrIV	1715260	1715410	0.00584	AAAGGGGAKCTG
chrIV	1715260	1715410	0.00899	AAAGGGGAKCTG
chrIV	3050480	3050630	0.00584	AAAGGGGAKCTG
chrIV	4702020	4702170	0.00584	AAAGGGGAKCTG
chrIV	628160	628310	0.00899	AAAGGGGAKCTG
chrV	1197160	1197310	0.00584	AAAGGGGAKCTG
chrV	1197560	1197710	0.00584	AAAGGGGAKCTG
chrV	14443620	14443770	0.00584	AAAGGGGAKCTG
chrV	15771080	15771230	0.00584	AAAGGGGAKCTG
chrX	256940	257090	0.00899	AAAGGGGAKCTG
chrI	10678140	10678290	0.0462	AAATGGGCGTA
chrI	13854120	13854270	0.0462	AAATGGGCGTA
chrI	3866880	3867030	0.0462	AAATGGGCGTA
chrI	4382320	4382470	0.0462	AAATGGGCGTA
chrI	4537100	4537250	0.0462	AAATGGGCGTA
chrI	8757900	8758050	0.0462	AAATGGGCGTA
chrI	8789520	8789670	0.0462	AAATGGGCGTA
chrI	8863360	8863510	0.0462	AAATGGGCGTA
chrI	9080700	9080850	0.0462	AAATGGGCGTA
chrII	6268580	6268730	0.0462	AAATGGGCGTA
chrII	6269840	6269990	0.0462	AAATGGGCGTA
chrII	7479020	7479167	0.0462	AAATGGGCGTA
chrIII	10320320	10320470	0.0462	AAATGGGCGTA
chrIII	12603720	12603870	0.0462	AAATGGGCGTA
chrIII	4922180	4922330	0.0462	AAATGGGCGTA
chrIII	7386580	7386730	0.0462	AAATGGGCGTA
chrIII	9504300	9504450	0.0462	AAATGGGCGTA

chrIV	7948360	7948510	0.0462 AAATGGGCGTA
chrIV	9249100	9249250	0.0462 AAATGGGCGTA
chrIV	9249320	9249470	0.0462 AAATGGGCGTA
chrIV	9524280	9524430	0.0462 AAATGGGCGTA
chrIV	9856520	9856670	0.0462 AAATGGGCGTA
chrV	10341120	10341270	0.0462 AAATGGGCGTA
chrV	10341340	10341490	0.0462 AAATGGGCGTA
chrV	10657920	10658070	0.0462 AAATGGGCGTA
chrV	11110860	11111010	0.0462 AAATGGGCGTA
chrV	13438140	13438290	0.0462 AAATGGGCGTA
chrV	13727560	13727710	0.0462 AAATGGGCGTA
chrV	14543400	14543550	0.0462 AAATGGGCGTA
chrV	4154260	4154410	0.0462 AAATGGGCGTA
chrV	5047280	5047430	0.0462 AAATGGGCGTA
chrI	11292140	11292290	0.0225 AAATTKGAATTC
chrI	11603600	11603750	0.0417 AAATTKGAATTC
chrI	12227220	12227370	0.0225 AAATTKGAATTC
chrI	1331980	1332130	0.0173 AAATTKGAATTC
chrI	13611860	13612010	0.0225 AAATTKGAATTC
chrI	13612520	13612670	0.0225 AAATTKGAATTC
chrI	13892040	13892190	0.0173 AAATTKGAATTC
chrI	13894500	13894650	0.0173 AAATTKGAATTC
chrI	378641	378703	0.0225 AAATTKGAATTC
chrI	4213978	4214028	0.0338 AAATTKGAATTC
chrI	669920	670070	0.0225 AAATTKGAATTC
chrI	670860	671010	0.0225 AAATTKGAATTC
chrI	671140	671290	0.0225 AAATTKGAATTC
chrI	6717600	6717750	0.0225 AAATTKGAATTC
chrI	7023380	7023457	0.0173 AAATTKGAATTC
chrII	1176820	1176921	0.0225 AAATTKGAATTC
chrII	2322140	2322290	0.0173 AAATTKGAATTC
chrII	2403500	2403650	0.0173 AAATTKGAATTC
chrIII	10139720	10139870	0.0173 AAATTKGAATTC
chrIII	10149080	10149230	0.0173 AAATTKGAATTC
chrIII	11036160	11036310	0.0173 AAATTKGAATTC
chrIII	12317200	12317350	0.0173 AAATTKGAATTC
chrIII	1538220	1538370	0.0225 AAATTKGAATTC
chrIII	1539680	1539830	0.0225 AAATTKGAATTC
chrIII	1606060	1606210	0.0225 AAATTKGAATTC
chrIII	2079900	2080050	0.0173 AAATTKGAATTC
chrIII	2080840	2080990	0.0173 AAATTKGAATTC
chrIII	2082360	2082510	0.0173 AAATTKGAATTC
chrIV	12023400	12023550	0.0225 AAATTKGAATTC
chrIV	12504900	12505050	0.0173 AAATTKGAATTC
chrIV	12734020	12734170	0.0173 AAATTKGAATTC
chrIV	1430860	1431010	0.0173 AAATTKGAATTC
chrIV	14373760	14373910	0.0173 AAATTKGAATTC

chrIV	14761340	14761490	0.0173	AAATTKGAATTC
chrIV	15227260	15227410	0.0173	AAATTKGAATTC
chrIV	16629080	16629230	0.0173	AAATTKGAATTC
chrIV	4040604	4040650	0.0225	AAATTKGAATTC
chrIV	7663200	7663350	0.0225	AAATTKGAATTC
chrV	10557580	10557730	0.0338	AAATTKGAATTC
chrV	16515640	16515790	0.0173	AAATTKGAATTC
chrV	18512720	18512870	0.0417	AAATTKGAATTC
chrV	18789720	18789870	0.0173	AAATTKGAATTC
chrV	19832360	19832510	0.0173	AAATTKGAATTC
chrV	19917100	19917250	0.0173	AAATTKGAATTC
chrV	2197520	2197670	0.0173	AAATTKGAATTC
chrV	2597620	2597770	0.0173	AAATTKGAATTC
chrV	8111899	8111949	0.0225	AAATTKGAATTC
chrV	868660	868810	0.0173	AAATTKGAATTC
chrX	11520	11670	0.0225	AAATTKGAATTC
chrX	14443920	14444070	0.0173	AAATTKGAATTC
chrX	1507100	1507250	0.0173	AAATTKGAATTC
chrX	15879080	15879230	0.0173	AAATTKGAATTC
chrX	15929040	15929190	0.0173	AAATTKGAATTC
chrX	15929320	15929470	0.0173	AAATTKGAATTC
chrX	16060800	16060950	0.0173	AAATTKGAATTC
chrX	25020	25170	0.0417	AAATTKGAATTC
chrX	2992040	2992190	0.0173	AAATTKGAATTC
chrX	2992320	2992470	0.0173	AAATTKGAATTC
chrX	2994180	2994330	0.0173	AAATTKGAATTC
chrX	2995080	2995230	0.0173	AAATTKGAATTC
chrI	11040220	11040370	0.0464	AATTCWGAAAA
chrI	12892820	12892970	0.0464	AATTCWGAAAA
chrI	13450860	13451010	0.0464	AATTCWGAAAA
chrI	13791680	13791830	0.0464	AATTCWGAAAA
chrI	14435920	14436070	0.0464	AATTCWGAAAA
chrI	1983720	1983870	0.0464	AATTCWGAAAA
chrI	2156980	2157130	0.0464	AATTCWGAAAA
chrI	6880380	6880530	0.0464	AATTCWGAAAA
chrI	752720	752870	0.0464	AATTCWGAAAA
chrI	9790820	9790970	0.0464	AATTCWGAAAA
chrII	1091600	1091750	0.0464	AATTCWGAAAA
chrII	12170880	12171030	0.0464	AATTCWGAAAA
chrII	1232860	1233010	0.0464	AATTCWGAAAA
chrII	12439100	12439250	0.0464	AATTCWGAAAA
chrII	13305840	13305990	0.0464	AATTCWGAAAA
chrII	13307120	13307270	0.0464	AATTCWGAAAA
chrII	1478680	1478830	0.0464	AATTCWGAAAA
chrII	14953780	14953930	0.0464	AATTCWGAAAA
chrII	15050760	15050910	0.0464	AATTCWGAAAA
chrII	1713060	1713210	0.0464	AATTCWGAAAA

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chrIII	1008000	1008150	0.0464	AATTCWGAAAA
chrIII	11489360	11489510	0.0464	AATTCWGAAAA
chrIII	11490440	11490590	0.0464	AATTCWGAAAA
chrIII	11490880	11491030	0.0464	AATTCWGAAAA
chrIII	11850034	11850150	0.0464	AATTCWGAAAA
chrIII	12463120	12463270	0.0464	AATTCWGAAAA
chrIII	12524620	12524770	0.0464	AATTCWGAAAA
chrIII	12537180	12537330	0.0464	AATTCWGAAAA
chrIII	12680620	12680770	0.0464	AATTCWGAAAA
chrIII	12697860	12698010	0.0464	AATTCWGAAAA
chrIII	12915660	12915810	0.0464	AATTCWGAAAA
chrIII	13208520	13208670	0.0464	AATTCWGAAAA
chrIII	1467420	1467570	0.0464	AATTCWGAAAA
chrIII	1703000	1703150	0.0464	AATTCWGAAAA
chrIII	2787580	2787730	0.0464	AATTCWGAAAA
chrIII	4720860	4721010	0.0464	AATTCWGAAAA
chrIII	4978103	4978210	0.0464	AATTCWGAAAA
chrIII	555780	555930	0.0464	AATTCWGAAAA
chrIII	5758740	5758890	0.0464	AATTCWGAAAA
chrIII	716760	716910	0.0464	AATTCWGAAAA
chrIII	7336220	7336370	0.0464	AATTCWGAAAA
chrIII	739100	739250	0.0464	AATTCWGAAAA
chrIII	866240	866390	0.0464	AATTCWGAAAA
chrIV	11969560	11969710	0.0464	AATTCWGAAAA
chrIV	253360	253510	0.0464	AATTCWGAAAA
chrIV	3725920	3726070	0.0464	AATTCWGAAAA
chrIV	6652640	6652790	0.0464	AATTCWGAAAA
chrIV	7680500	7680650	0.0464	AATTCWGAAAA
chrIV	792840	792990	0.0464	AATTCWGAAAA
chrIV	9182720	9182870	0.0464	AATTCWGAAAA
chrV	13540500	13540650	0.0464	AATTCWGAAAA
chrV	16543220	16543370	0.0464	AATTCWGAAAA
chrV	20711840	20711990	0.0464	AATTCWGAAAA
chrV	2643540	2643690	0.0464	AATTCWGAAAA
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chrV	6054600	6054750	0.0464	AATTCWGAAAA
chrX	12815460	12815610	0.0464	AATTCWGAAAA
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chrI	12912140	12912290	0.00909	ACAGAACCGTGG
chrI	3866880	3867030	0.00909	ACAGAACCGTGG
chrI	4382320	4382470	0.00909	ACAGAACCGTGG
chrI	6573340	6573490	0.00909	ACAGAACCGTGG
chrI	7331020	7331170	0.00909	ACAGAACCGTGG
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chrI	8863360	8863510	0.00909	ACAGAACCGTGG
chrI	9080700	9080850	0.00909	ACAGAACCGTGG
chrI	9307400	9307550	0.00909	ACAGAACCGTGG
chrII	2041920	2042070	0.00909	ACAGAACCGTGG
chrII	7353100	7353250	0.00909	ACAGAACCGTGG
chrII	7479020	7479167	0.00909	ACAGAACCGTGG
chrIII	10320320	10320470	0.00909	ACAGAACCGTGG
chrIII	12970280	12970430	0.00909	ACAGAACCGTGG
chrIII	13497200	13497350	0.00909	ACAGAACCGTGG
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chrIII	9504300	9504450	0.00909	ACAGAACCGTGG
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chrV	10341340	10341490	0.00909	ACAGAACCGTGG
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chrV	11110860	11111010	0.00909	ACAGAACCGTGG
chrV	11504873	11504970	0.00909	ACAGAACCGTGG
chrV	13115840	13115990	0.00909	ACAGAACCGTGG
chrV	13438140	13438290	0.00909	ACAGAACCGTGG
chrV	13727560	13727710	0.00909	ACAGAACCGTGG
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chrI	10662040	10662190	0.0272	ACCAATCAGM
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chrI	11745260	11745344	0.0272	ACCAATCAGM
chrI	12168760	12168836	0.0272	ACCAATCAGM
chrI	12227220	12227370	0.0272	ACCAATCAGM
chrI	12612820	12612970	0.0272	ACCAATCAGM
chrI	12613180	12613330	0.0272	ACCAATCAGM
chrI	12774400	12774550	0.0272	ACCAATCAGM
chrI	12861340	12861490	0.0272	ACCAATCAGM
chrI	13284480	13284630	0.0272	ACCAATCAGM
chrI	14604160	14604310	0.0272	ACCAATCAGM
chrI	14604160	14604310	0.0457	ACCAATCAGM
chrI	3479040	3479190	0.0272	ACCAATCAGM
chrI	4621660	4621810	0.0272	ACCAATCAGM
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chrI	5634860	5635010	0.0272	ACCAATCAGM
chrI	6880380	6880530	0.0457	ACCAATCAGM
chrI	6949100	6949250	0.0457	ACCAATCAGM
chrI	8256720	8256870	0.0272	ACCAATCAGM

chrI	8256720	8256870	0.0457	ACCAATCAGM
chrI	8422400	8422550	0.0272	ACCAATCAGM
chrI	8477260	8477410	0.0272	ACCAATCAGM
chrI	8477260	8477410	0.0457	ACCAATCAGM
chrI	8703900	8704050	0.0272	ACCAATCAGM
chrI	9465540	9465690	0.0272	ACCAATCAGM
chrI	9601660	9601810	0.0457	ACCAATCAGM
chrII	10071760	10071910	0.0272	ACCAATCAGM
chrII	10667640	10667790	0.0272	ACCAATCAGM
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chrII	12722080	12722230	0.0272	ACCAATCAGM
chrII	12722740	12722890	0.0272	ACCAATCAGM
chrII	12722740	12722890	0.0457	ACCAATCAGM
chrII	12790520	12790670	0.0457	ACCAATCAGM
chrII	13321260	13321410	0.0272	ACCAATCAGM
chrII	1373100	1373250	0.0272	ACCAATCAGM
chrII	1373100	1373250	0.0457	ACCAATCAGM
chrII	1374597	1374730	0.0272	ACCAATCAGM
chrII	13855380	13855530	0.0272	ACCAATCAGM
chrII	14045540	14045690	0.0272	ACCAATCAGM
chrII	14275040	14275190	0.0272	ACCAATCAGM
chrII	14275040	14275190	0.0457	ACCAATCAGM
chrII	14275620	14275770	0.0272	ACCAATCAGM
chrII	14275620	14275770	0.0457	ACCAATCAGM
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chrII	1844740	1844890	0.0457	ACCAATCAGM
chrII	3044040	3044190	0.0272	ACCAATCAGM
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chrII	3627580	3627730	0.0272	ACCAATCAGM
chrII	3691220	3691370	0.0272	ACCAATCAGM
chrII	3692160	3692310	0.0272	ACCAATCAGM
chrII	3710020	3710100	0.0457	ACCAATCAGM
chrII	3828760	3828910	0.0272	ACCAATCAGM
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chrII	3918040	3918190	0.0272	ACCAATCAGM
chrII	4284720	4284870	0.0272	ACCAATCAGM
chrII	4284720	4284870	0.0457	ACCAATCAGM
chrII	4287060	4287210	0.0272	ACCAATCAGM
chrII	4287060	4287210	0.0457	ACCAATCAGM
chrII	4341558	4341690	0.0272	ACCAATCAGM
chrII	4870820	4870970	0.0272	ACCAATCAGM
chrII	7801960	7802110	0.0457	ACCAATCAGM
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chrII	9868760	9868910	0.0272	ACCAATCAGM
chrIII	10805160	10805310	0.0272	ACCAATCAGM
chrIII	10805160	10805310	0.0457	ACCAATCAGM
chrIII	10845180	10845330	0.0272	ACCAATCAGM
chrIII	11095714	11095830	0.0272	ACCAATCAGM
chrIII	11095714	11095830	0.0457	ACCAATCAGM
chrIII	11488972	11489070	0.0272	ACCAATCAGM
chrIII	11490440	11490590	0.0272	ACCAATCAGM
chrIII	11490440	11490590	0.0457	ACCAATCAGM
chrIII	11520380	11520530	0.0272	ACCAATCAGM
chrIII	11572820	11572970	0.0457	ACCAATCAGM
chrIII	11582492	11582630	0.0272	ACCAATCAGM
chrIII	11582492	11582630	0.0457	ACCAATCAGM
chrIII	11589520	11589670	0.0272	ACCAATCAGM
chrIII	11589520	11589670	0.0457	ACCAATCAGM
chrIII	11898680	11898830	0.0272	ACCAATCAGM
chrIII	11898680	11898830	0.0457	ACCAATCAGM
chrIII	11958920	11959070	0.0272	ACCAATCAGM
chrIII	11959700	11959850	0.0272	ACCAATCAGM
chrIII	12033500	12033650	0.0272	ACCAATCAGM
chrIII	12033500	12033650	0.0457	ACCAATCAGM
chrIII	12064100	12064250	0.0272	ACCAATCAGM
chrIII	12064500	12064650	0.0272	ACCAATCAGM
chrIII	12064500	12064650	0.0457	ACCAATCAGM
chrIII	12137480	12137630	0.0272	ACCAATCAGM
chrIII	12137480	12137630	0.0457	ACCAATCAGM
chrIII	12153235	12153350	0.0272	ACCAATCAGM
chrIII	12157405	12157470	0.0457	ACCAATCAGM
chrIII	12269880	12270030	0.0272	ACCAATCAGM
chrIII	12269880	12270030	0.0457	ACCAATCAGM
chrIII	12349100	12349250	0.0272	ACCAATCAGM
chrIII	12349100	12349250	0.0457	ACCAATCAGM
chrIII	12552300	12552450	0.0272	ACCAATCAGM
chrIII	12644620	12644770	0.0272	ACCAATCAGM
chrIII	12652704	12652850	0.0272	ACCAATCAGM
chrIII	12696720	12696870	0.0272	ACCAATCAGM
chrIII	12697860	12698010	0.0272	ACCAATCAGM
chrIII	12702480	12702630	0.0272	ACCAATCAGM
chrIII	12785511	12785610	0.0272	ACCAATCAGM
chrIII	12973620	12973770	0.0272	ACCAATCAGM
chrIII	12973620	12973770	0.0457	ACCAATCAGM
chrIII	13201080	13201230	0.0272	ACCAATCAGM
chrIII	13201080	13201230	0.0457	ACCAATCAGM
chrIII	13201640	13201790	0.0272	ACCAATCAGM
chrIII	13201640	13201790	0.0457	ACCAATCAGM
chrIII	13201940	13202090	0.0272	ACCAATCAGM
chrIII	2324900	2325050	0.0272	ACCAATCAGM

chrIII	2515020	2515170	0.0272	ACCAATCAGM
chrIII	2794174	2794290	0.0272	ACCAATCAGM
chrIII	2794174	2794290	0.0457	ACCAATCAGM
chrIII	2864060	2864210	0.0272	ACCAATCAGM
chrIII	2864060	2864210	0.0457	ACCAATCAGM
chrIII	3033680	3033830	0.0272	ACCAATCAGM
chrIII	3033680	3033830	0.0457	ACCAATCAGM
chrIII	3417521	3417610	0.0272	ACCAATCAGM
chrIII	3419020	3419170	0.0272	ACCAATCAGM
chrIII	3594780	3594930	0.0272	ACCAATCAGM
chrIII	3635040	3635190	0.0272	ACCAATCAGM
chrIII	3790980	3791130	0.0272	ACCAATCAGM
chrIII	3798500	3798650	0.0272	ACCAATCAGM
chrIII	3798500	3798650	0.0457	ACCAATCAGM
chrIII	4120520	4120670	0.0272	ACCAATCAGM
chrIII	4382181	4382330	0.0272	ACCAATCAGM
chrIII	4382181	4382330	0.0457	ACCAATCAGM
chrIII	4395963	4396070	0.0272	ACCAATCAGM
chrIII	4953080	4953230	0.0272	ACCAATCAGM
chrIII	4953080	4953230	0.0457	ACCAATCAGM
chrIII	5179260	5179410	0.0457	ACCAATCAGM
chrIII	5469140	5469290	0.0272	ACCAATCAGM
chrIII	5469140	5469290	0.0457	ACCAATCAGM
chrIII	5615815	5615910	0.0272	ACCAATCAGM
chrIII	5920740	5920890	0.0272	ACCAATCAGM
chrIII	6229700	6229850	0.0272	ACCAATCAGM
chrIII	6301800	6301950	0.0272	ACCAATCAGM
chrIII	8127520	8127670	0.0272	ACCAATCAGM
chrIII	8127520	8127670	0.0457	ACCAATCAGM
chrIII	84540	84655	0.0272	ACCAATCAGM
chrIII	8965700	8965850	0.0272	ACCAATCAGM
chrIII	9403420	9403570	0.0457	ACCAATCAGM
chrIII	9789093	9789210	0.0272	ACCAATCAGM
chrIII	9789093	9789210	0.0457	ACCAATCAGM
chrIV	10856040	10856190	0.0272	ACCAATCAGM
chrIV	10906120	10906270	0.0457	ACCAATCAGM
chrIV	11432180	11432330	0.0272	ACCAATCAGM
chrIV	12339840	12339990	0.0272	ACCAATCAGM
chrIV	12339840	12339990	0.0457	ACCAATCAGM
chrIV	12783300	12783370	0.0457	ACCAATCAGM
chrIV	12999520	12999670	0.0272	ACCAATCAGM
chrIV	13041500	13041650	0.0272	ACCAATCAGM
chrIV	13878780	13878930	0.0272	ACCAATCAGM
chrIV	14016374	14016510	0.0272	ACCAATCAGM
chrIV	14249520	14249670	0.0272	ACCAATCAGM
chrIV	14533989	14534130	0.0272	ACCAATCAGM
chrIV	14533989	14534130	0.0457	ACCAATCAGM

chrIV	14973900	14974050	0.0272	ACCAATCAGM
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chrIV	15634400	15634550	0.0272	ACCAATCAGM
chrIV	1567780	1567897	0.0272	ACCAATCAGM
chrIV	16813040	16813190	0.0272	ACCAATCAGM
chrIV	17100700	17100850	0.0272	ACCAATCAGM
chrIV	17108960	17109110	0.0272	ACCAATCAGM
chrIV	3218300	3218450	0.0272	ACCAATCAGM
chrIV	3261900	3262050	0.0272	ACCAATCAGM
chrIV	3261900	3262050	0.0457	ACCAATCAGM
chrIV	4397760	4397910	0.0457	ACCAATCAGM
chrIV	4740280	4740430	0.0272	ACCAATCAGM
chrIV	613280	613430	0.0272	ACCAATCAGM
chrIV	7510940	7511090	0.0272	ACCAATCAGM
chrV	1035140	1035290	0.0272	ACCAATCAGM
chrV	1041260	1041410	0.0457	ACCAATCAGM
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chrV	13682540	13682690	0.0272	ACCAATCAGM
chrV	14493760	14493910	0.0272	ACCAATCAGM
chrV	14493760	14493910	0.0457	ACCAATCAGM
chrV	15544980	15545130	0.0272	ACCAATCAGM
chrV	15662460	15662610	0.0272	ACCAATCAGM
chrV	15662460	15662610	0.0457	ACCAATCAGM
chrV	15887820	15887958	0.0272	ACCAATCAGM
chrV	16539720	16539870	0.0272	ACCAATCAGM
chrV	16539720	16539870	0.0457	ACCAATCAGM
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chrV	16543220	16543370	0.0272	ACCAATCAGM
chrV	16576880	16577030	0.0272	ACCAATCAGM
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chrV	2207640	2207790	0.0272	ACCAATCAGM
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chrV	250540	250690	0.0457	ACCAATCAGM

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chrV	3632720	3632870	0.0272	ACCAATCAGM
chrV	3707580	3707730	0.0272	ACCAATCAGM
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chrV	4168180	4168330	0.0272	ACCAATCAGM
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chrV	4546960	4547110	0.0457	ACCAATCAGM
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chrV	483060	483145	0.0272	ACCAATCAGM
chrV	5213760	5213910	0.0272	ACCAATCAGM
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chrV	5953220	5953370	0.0272	ACCAATCAGM
chrV	5953220	5953370	0.0457	ACCAATCAGM
chrV	7761960	7762110	0.0272	ACCAATCAGM
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chrI	11025100	11025250	0.0429	ACCGCAMCGC
chrI	11025840	11025990	0.0429	ACCGCAMCGC
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chrI	11292140	11292290	0.0429	ACCGCAMCGC
chrI	13315480	13315630	0.0429	ACCGCAMCGC
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chrI	9626020	9626170	0.0429	ACCGCAMCGC
chrII	1098160	1098310	0.0429	ACCGCAMCGC
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chrIV	2608380	2608463	0.0429	ACCGCAMCGC
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chrIV	2843707	2843762	0.0429	ACCGCAMCGC
chrIV	3210420	3210570	0.0429	ACCGCAMCGC
chrIV	4041120	4041270	0.0429	ACCGCAMCGC
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chrV	18630120	18630245	0.0429	ACCGCAMCGC
chrV	18645920	18646070	0.0429	ACCGCAMCGC
chrV	18646840	18646990	0.0429	ACCGCAMCGC
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chrV	18651440	18651590	0.0429	ACCGCAMCGC
chrV	18652760	18652910	0.0429	ACCGCAMCGC
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chrV	19207460	19207610	0.0429	ACCGCAMCGC
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chrV	19222220	19222370	0.0429	ACCGCAMCGC
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chrV	19345880	19346030	0.0429	ACCGCAMCGC
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chrX	13238477	13238610	0.0429	ACCGCAMCGC
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chrX	195520	195670	0.0429	ACCGCAMCGC
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chrI	10095180	10095330	0.0422 AGAGARANA
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chrI	10231680	10231830	0.0319 AGAGARANA
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chrI	10252760	10252910	0.0319 AGAGARANA
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chrI	10353900	10354050	0.0319 AGAGARANA
chrI	10384275	10384410	0.0319 AGAGARANA
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chrIII	7973980	7974130	0.0422	AGAGARANA

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chrIII	8065240	8065390	0.0464	AGAGARANA
chrIII	8066460	8066610	0.0422	AGAGARANA
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chrIII	8105760	8105910	0.0319	AGAGARANA
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chrIII	8283520	8283670	0.0319	AGAGARANA
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chrIII	8869420	8869570	0.0319	AGAGARANA
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chrI	10720280	10720430	0.0266	AGAMGNAGA
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chrI	11830560	11830710	0.0266	AGAMGNAGA
chrI	11877200	11877350	0.0266	AGAMGNAGA
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chrI	12534560	12534710	0.0266	AGAMGNAGA
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chrI	7895300	7895450	0.0266 AGAMGNAGA
chrI	7938486	7938560	0.0471 AGAMGNAGA
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chrI	8122080	8122230	0.0266 AGAMGNAGA
chrI	8124480	8124630	0.0266 AGAMGNAGA
chrI	8124480	8124630	0.0471 AGAMGNAGA
chrI	8133680	8133830	0.0266 AGAMGNAGA
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chrI	8278060	8278210	0.0471 AGAMGNAGA
chrI	8281880	8281988	0.0471 AGAMGNAGA
chrI	8305480	8305630	0.0471 AGAMGNAGA
chrI	8306520	8306670	0.0266 AGAMGNAGA
chrI	8315344	8315410	0.0266 AGAMGNAGA
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chrI	8404320	8404470	0.0471 AGAMGNAGA

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chrI	8715980	8716130	0.0471 AGAMGNAGA
chrI	8813380	8813530	0.0266 AGAMGNAGA
chrI	8839180	8839330	0.0266 AGAMGNAGA
chrI	8853100	8853250	0.0471 AGAMGNAGA
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chrI	8984940	8985090	0.0471 AGAMGNAGA
chrI	9020560	9020710	0.0471 AGAMGNAGA
chrI	9035900	9036050	0.0471 AGAMGNAGA
chrI	9095760	9095910	0.0266 AGAMGNAGA
chrI	9113120	9113270	0.0266 AGAMGNAGA
chrI	9115340	9115490	0.0471 AGAMGNAGA
chrI	9128900	9129050	0.0266 AGAMGNAGA
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chrI	9295040	9295190	0.0471 AGAMGNAGA
chrI	9373060	9373210	0.0471 AGAMGNAGA
chrI	9380260	9380410	0.0471 AGAMGNAGA
chrI	9422280	9422430	0.0266 AGAMGNAGA
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chrI	9546780	9546930	0.0471 AGAMGNAGA
chrI	9581480	9581630	0.0266 AGAMGNAGA
chrI	9601660	9601810	0.0266 AGAMGNAGA
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chrI	989040	989190	0.0266 AGAMGNAGA
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chrII	10502740	10502890	0.0266	AGAMGNAGA
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chrII	10548910	10548990	0.0266	AGAMGNAGA
chrII	10552020	10552170	0.0266	AGAMGNAGA
chrII	10566540	10566690	0.0471	AGAMGNAGA
chrII	10607275	10607390	0.0266	AGAMGNAGA
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chrII	10675220	10675370	0.0266	AGAMGNAGA
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chrII	10750140	10750290	0.0471	AGAMGNAGA
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chrII	10834800	10834950	0.0471	AGAMGNAGA
chrII	10851100	10851250	0.0266	AGAMGNAGA
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chrII	10855380	10855504	0.0471	AGAMGNAGA
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chrII	10880860	10880928	0.0471	AGAMGNAGA
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chrII	10980160	10980310	0.0471	AGAMGNAGA
chrII	10992660	10992810	0.0471	AGAMGNAGA
chrII	10996480	10996630	0.0471	AGAMGNAGA
chrII	11081480	11081630	0.0471	AGAMGNAGA
chrII	11084740	11084890	0.0471	AGAMGNAGA
chrII	11085660	11085810	0.0471	AGAMGNAGA
chrII	11088260	11088410	0.0471	AGAMGNAGA
chrII	11103140	11103290	0.0266	AGAMGNAGA
chrII	11146720	11146870	0.0471	AGAMGNAGA
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chrII	11198980	11199130	0.0471	AGAMGNAGA
chrII	11221840	11221990	0.0266	AGAMGNAGA
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chrII	11329160	11329310	0.0471	AGAMGNAGA
chrII	11337840	11337990	0.0266	AGAMGNAGA
chrII	11347957	11348030	0.0266	AGAMGNAGA

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chrII	11486920	11487070	0.0266	AGAMGNAGA
chrII	11533380	1153530	0.0266	AGAMGNAGA
chrII	11567280	11567430	0.0266	AGAMGNAGA
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chrII	11632740	11632890	0.0471	AGAMGNAGA
chrII	11635720	11635870	0.0266	AGAMGNAGA
chrII	11685320	11685470	0.0471	AGAMGNAGA
chrII	11726740	11726817	0.0471	AGAMGNAGA
chrII	11728580	11728730	0.0471	AGAMGNAGA
chrII	11748620	11748770	0.0266	AGAMGNAGA
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chrII	11759380	11759530	0.0266	AGAMGNAGA
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chrII	12221460	12221593	0.0266	AGAMGNAGA
chrII	12223840	12223990	0.0471	AGAMGNAGA
chrII	12237580	12237730	0.0471	AGAMGNAGA
chrII	12355240	12355390	0.0266	AGAMGNAGA
chrII	12357520	12357670	0.0471	AGAMGNAGA
chrII	1237980	1238130	0.0266	AGAMGNAGA
chrII	12382600	12382750	0.0266	AGAMGNAGA
chrII	12459540	12459690	0.0266	AGAMGNAGA
chrII	1247040	1247190	0.0266	AGAMGNAGA
chrII	12603740	12603890	0.0266	AGAMGNAGA
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chrII	12738334	12738470	0.0266	AGAMGNAGA
chrII	12775560	12775710	0.0266	AGAMGNAGA
chrII	1291800	1291950	0.0471	AGAMGNAGA
chrII	12960300	12960450	0.0471	AGAMGNAGA
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chrII	7516440	7516590	0.0471 AGAMGNAGA
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chrII	8016200	8016350	0.0471 AGAMGNAGA
chrII	8078060	8078210	0.0471 AGAMGNAGA
chrII	8122201	8122253	0.0266 AGAMGNAGA
chrII	8122201	8122253	0.0471 AGAMGNAGA
chrII	8356120	8356270	0.0471 AGAMGNAGA
chrII	8415720	8415870	0.0471 AGAMGNAGA
chrII	8450820	8450970	0.0471 AGAMGNAGA
chrII	848620	848770	0.0266 AGAMGNAGA
chrII	8505560	8505710	0.0266 AGAMGNAGA
chrII	8572902	8573030	0.0471 AGAMGNAGA
chrII	8587920	8588070	0.0266 AGAMGNAGA
chrII	8589220	8589370	0.0471 AGAMGNAGA
chrII	8645460	8645610	0.0266 AGAMGNAGA
chrII	8650720	8650870	0.0471 AGAMGNAGA
chrII	8688880	8689030	0.0471 AGAMGNAGA
chrII	8720940	8721090	0.0471 AGAMGNAGA
chrII	873120	873176	0.0266 AGAMGNAGA
chrII	8765211	8765350	0.0471 AGAMGNAGA
chrII	8800880	8801030	0.0471 AGAMGNAGA
chrII	8821200	8821350	0.0266 AGAMGNAGA
chrII	8821200	8821350	0.0471 AGAMGNAGA
chrII	8844840	8844990	0.0266 AGAMGNAGA
chrII	8901740	8901890	0.0471 AGAMGNAGA
chrII	8952100	8952250	0.0471 AGAMGNAGA
chrII	9020800	9020950	0.0266 AGAMGNAGA
chrII	9061580	9061730	0.0471 AGAMGNAGA
chrII	9062000	9062150	0.0471 AGAMGNAGA
chrII	9113820	9113970	0.0266 AGAMGNAGA
chrII	9113820	9113970	0.0471 AGAMGNAGA
chrII	9302600	9302750	0.0471 AGAMGNAGA
chrII	9306980	9307130	0.0471 AGAMGNAGA
chrII	9308720	9308870	0.0266 AGAMGNAGA
chrII	9491040	9491190	0.0266 AGAMGNAGA
chrII	9495920	9496070	0.0471 AGAMGNAGA
chrII	9498860	9499010	0.0471 AGAMGNAGA
chrII	9572140	9572290	0.0471 AGAMGNAGA
chrII	9576860	9577010	0.0471 AGAMGNAGA
chrII	9619460	9619610	0.0471 AGAMGNAGA
chrII	9696100	9696250	0.0471 AGAMGNAGA
chrII	9891380	9891530	0.0266 AGAMGNAGA
chrII	9931100	9931250	0.0266 AGAMGNAGA
chrII	9952580	9952730	0.0471 AGAMGNAGA

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chrIII	10096660	10096810	0.0471	AGAMGNAGA
chrIII	10126220	10126370	0.0471	AGAMGNAGA
chrIII	10187860	10188010	0.0471	AGAMGNAGA
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chrIII	10284360	10284510	0.0471	AGAMGNAGA
chrIII	10318800	10318950	0.0266	AGAMGNAGA
chrIII	10357760	10357910	0.0266	AGAMGNAGA
chrIII	10485320	10485470	0.0471	AGAMGNAGA
chrIII	10515800	10515950	0.0471	AGAMGNAGA
chrIII	10516940	10517090	0.0471	AGAMGNAGA
chrIII	10519980	10520130	0.0266	AGAMGNAGA
chrIII	10581600	10581750	0.0266	AGAMGNAGA
chrIII	10628426	10628530	0.0266	AGAMGNAGA
chrIII	10634600	10634750	0.0266	AGAMGNAGA
chrIII	10636460	10636610	0.0471	AGAMGNAGA
chrIII	10651740	10651890	0.0266	AGAMGNAGA
chrIII	10657040	10657190	0.0471	AGAMGNAGA
chrIII	10666700	10666850	0.0471	AGAMGNAGA
chrIII	10719120	10719270	0.0471	AGAMGNAGA
chrIII	10720140	10720290	0.0266	AGAMGNAGA
chrIII	10736580	10736730	0.0471	AGAMGNAGA
chrIII	10739880	10740030	0.0266	AGAMGNAGA
chrIII	10816120	10816270	0.0471	AGAMGNAGA
chrIII	10819700	10819850	0.0266	AGAMGNAGA
chrIII	10828500	10828650	0.0471	AGAMGNAGA
chrIII	10855620	10855770	0.0471	AGAMGNAGA
chrIII	11007720	11007870	0.0266	AGAMGNAGA
chrIII	11036160	11036310	0.0266	AGAMGNAGA
chrIII	11036520	11036670	0.0471	AGAMGNAGA
chrIII	11110780	11110930	0.0266	AGAMGNAGA
chrIII	11177680	11177804	0.0471	AGAMGNAGA
chrIII	11184200	11184350	0.0471	AGAMGNAGA
chrIII	11190200	11190350	0.0471	AGAMGNAGA
chrIII	11199400	11199550	0.0471	AGAMGNAGA
chrIII	11208380	11208530	0.0266	AGAMGNAGA
chrIII	11238720	11238870	0.0471	AGAMGNAGA
chrIII	11313660	11313734	0.0471	AGAMGNAGA
chrIII	1136880	1137030	0.0471	AGAMGNAGA
chrIII	11378380	11378530	0.0266	AGAMGNAGA
chrIII	11455460	11455610	0.0266	AGAMGNAGA
chrIII	11476440	11476590	0.0266	AGAMGNAGA
chrIII	11478540	11478690	0.0266	AGAMGNAGA
chrIII	11481520	11481670	0.0266	AGAMGNAGA
chrIII	11498060	11498210	0.0266	AGAMGNAGA
chrIII	11524120	11524270	0.0266	AGAMGNAGA
chrIII	11669040	11669190	0.0471	AGAMGNAGA

chrIII	11689340	11689490	0.0471	AGAMGNAGA
chrIII	11747374	11747434	0.0266	AGAMGNAGA
chrIII	1177400	1177550	0.0266	AGAMGNAGA
chrIII	11844780	11844868	0.0471	AGAMGNAGA
chrIII	11878849	11878970	0.0266	AGAMGNAGA
chrIII	11881560	11881710	0.0266	AGAMGNAGA
chrIII	12017980	12018130	0.0471	AGAMGNAGA
chrIII	12045340	12045490	0.0471	AGAMGNAGA
chrIII	12149640	12149790	0.0471	AGAMGNAGA
chrIII	1223880	1224030	0.0266	AGAMGNAGA
chrIII	1226420	1226570	0.0266	AGAMGNAGA
chrIII	12421700	12421850	0.0471	AGAMGNAGA
chrIII	12453300	12453450	0.0266	AGAMGNAGA
chrIII	12472541	12472690	0.0266	AGAMGNAGA
chrIII	12528580	12528730	0.0266	AGAMGNAGA
chrIII	12565740	12565890	0.0471	AGAMGNAGA
chrIII	12583480	12583630	0.0266	AGAMGNAGA
chrIII	12612500	12612650	0.0266	AGAMGNAGA
chrIII	12779000	12779150	0.0266	AGAMGNAGA
chrIII	12838980	12839130	0.0266	AGAMGNAGA
chrIII	12864400	12864550	0.0266	AGAMGNAGA
chrIII	13065780	13065930	0.0471	AGAMGNAGA
chrIII	13119580	13119730	0.0266	AGAMGNAGA
chrIII	13215680	13215830	0.0471	AGAMGNAGA
chrIII	13246360	13246510	0.0266	AGAMGNAGA
chrIII	13325600	13325750	0.0471	AGAMGNAGA
chrIII	13332500	13332650	0.0266	AGAMGNAGA
chrIII	13403160	13403247	0.0266	AGAMGNAGA
chrIII	13530020	13530170	0.0266	AGAMGNAGA
chrIII	13530860	13531010	0.0266	AGAMGNAGA
chrIII	13580800	13580850	0.0471	AGAMGNAGA
chrIII	13665540	13665690	0.0471	AGAMGNAGA
chrIII	13694100	13694250	0.0266	AGAMGNAGA
chrIII	13717540	13717690	0.0266	AGAMGNAGA
chrIII	13721160	13721310	0.0266	AGAMGNAGA
chrIII	13733860	13734010	0.0266	AGAMGNAGA
chrIII	1424360	1424510	0.0266	AGAMGNAGA
chrIII	1436900	1437050	0.0266	AGAMGNAGA
chrIII	1679520	1679670	0.0266	AGAMGNAGA
chrIII	1681100	1681250	0.0266	AGAMGNAGA
chrIII	1733580	1733730	0.0471	AGAMGNAGA
chrIII	1735180	1735330	0.0471	AGAMGNAGA
chrIII	1787420	1787570	0.0471	AGAMGNAGA
chrIII	1792080	1792230	0.0266	AGAMGNAGA
chrIII	1816760	1816910	0.0471	AGAMGNAGA
chrIII	1819140	1819290	0.0266	AGAMGNAGA
chrIII	1854100	1854250	0.0266	AGAMGNAGA

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chrIII	1995440	1995590	0.0471 AGAMGNAGA
chrIII	2051620	2051770	0.0471 AGAMGNAGA
chrIII	2089580	2089730	0.0266 AGAMGNAGA
chrIII	2090880	2091030	0.0266 AGAMGNAGA
chrIII	211460	211610	0.0471 AGAMGNAGA
chrIII	2127600	2127750	0.0266 AGAMGNAGA
chrIII	2130140	2130290	0.0266 AGAMGNAGA
chrIII	220480	220630	0.0266 AGAMGNAGA
chrIII	2304940	2305090	0.0266 AGAMGNAGA
chrIII	2460500	2460650	0.0471 AGAMGNAGA
chrIII	2525320	2525411	0.0471 AGAMGNAGA
chrIII	2548420	2548570	0.0471 AGAMGNAGA
chrIII	25680	25830	0.0266 AGAMGNAGA
chrIII	2586440	2586485	0.0471 AGAMGNAGA
chrIII	2647660	2647810	0.0266 AGAMGNAGA
chrIII	2656300	2656450	0.0471 AGAMGNAGA
chrIII	2716400	2716550	0.0266 AGAMGNAGA
chrIII	2780420	2780570	0.0266 AGAMGNAGA
chrIII	2881240	2881390	0.0266 AGAMGNAGA
chrIII	2901300	2901450	0.0266 AGAMGNAGA
chrIII	2964900	2965050	0.0266 AGAMGNAGA
chrIII	2966600	2966750	0.0266 AGAMGNAGA
chrIII	2978680	2978830	0.0471 AGAMGNAGA
chrIII	3104720	3104870	0.0471 AGAMGNAGA
chrIII	311220	311370	0.0266 AGAMGNAGA
chrIII	3139221	3139310	0.0266 AGAMGNAGA
chrIII	3165920	3166070	0.0266 AGAMGNAGA
chrIII	3220380	3220530	0.0266 AGAMGNAGA
chrIII	3304640	3304790	0.0266 AGAMGNAGA
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chrIII	34260	34410	0.0266 AGAMGNAGA
chrIII	3565040	3565190	0.0266 AGAMGNAGA
chrIII	3565040	3565190	0.0471 AGAMGNAGA
chrIII	3588360	3588510	0.0471 AGAMGNAGA
chrIII	3622740	3622890	0.0471 AGAMGNAGA
chrIII	3649036	3649150	0.0471 AGAMGNAGA
chrIII	3672840	3672990	0.0471 AGAMGNAGA
chrIII	3677440	3677590	0.0266 AGAMGNAGA
chrIII	3677440	3677590	0.0471 AGAMGNAGA
chrIII	3759412	3759510	0.0471 AGAMGNAGA
chrIII	3809040	3809190	0.0266 AGAMGNAGA
chrIII	3822020	3822170	0.0266 AGAMGNAGA
chrIII	3960060	3960210	0.0266 AGAMGNAGA
chrIII	3960740	3960786	0.0266 AGAMGNAGA
chrIII	3973460	3973610	0.0266 AGAMGNAGA
chrIII	3974260	3974410	0.0266 AGAMGNAGA

chrIII	3978580	3978730	0.0471 AGAMGNAGA
chrIII	399640	399790	0.0266 AGAMGNAGA
chrIII	4010240	4010390	0.0266 AGAMGNAGA
chrIII	4042480	4042630	0.0471 AGAMGNAGA
chrIII	4068100	4068390	0.0471 AGAMGNAGA
chrIII	4099800	4099950	0.0471 AGAMGNAGA
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chrIII	4123980	4124130	0.0266 AGAMGNAGA
chrIII	4128220	4128370	0.0266 AGAMGNAGA
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chrIII	4447016	4447070	0.0471 AGAMGNAGA
chrIII	4483060	4483210	0.0266 AGAMGNAGA
chrIII	4515260	4515410	0.0266 AGAMGNAGA
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chrIII	4552080	4552230	0.0471 AGAMGNAGA
chrIII	4555440	4555590	0.0471 AGAMGNAGA
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chrIII	4616320	4616470	0.0471 AGAMGNAGA
chrIII	4666740	4666890	0.0266 AGAMGNAGA
chrIII	4708960	4709110	0.0471 AGAMGNAGA
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chrIII	4926037	4926110	0.0266 AGAMGNAGA
chrIII	4968100	4968250	0.0471 AGAMGNAGA
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chrIII	5222360	5222510	0.0471 AGAMGNAGA
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chrIII	5518980	5519130	0.0471 AGAMGNAGA
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chrIII	5552340	5552490	0.0266 AGAMGNAGA
chrIII	556640	556790	0.0471 AGAMGNAGA
chrIII	5591860	5592010	0.0266 AGAMGNAGA
chrIII	5623460	5623610	0.0471 AGAMGNAGA

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chrIII	569660	569810	0.0471 AGAMGNAGA
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chrIII	5981417	5981530	0.0471 AGAMGNAGA
chrIII	598200	598350	0.0266 AGAMGNAGA
chrIII	5991540	5991690	0.0471 AGAMGNAGA
chrIII	6082440	6082590	0.0471 AGAMGNAGA
chrIII	6091180	6091330	0.0471 AGAMGNAGA
chrIII	6133260	6133410	0.0471 AGAMGNAGA
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chrIII	6310400	6310550	0.0471 AGAMGNAGA
chrIII	6331640	6331732	0.0471 AGAMGNAGA
chrIII	6352700	6352850	0.0471 AGAMGNAGA
chrIII	6356900	6357050	0.0471 AGAMGNAGA
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chrIII	6438051	6438098	0.0471 AGAMGNAGA
chrIII	647380	647488	0.0266 AGAMGNAGA
chrIII	6675600	6675750	0.0266 AGAMGNAGA
chrIII	6691500	6691650	0.0471 AGAMGNAGA
chrIII	6742700	6742850	0.0266 AGAMGNAGA
chrIII	674560	674710	0.0471 AGAMGNAGA
chrIII	6829000	6829150	0.0471 AGAMGNAGA
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chrIII	6897740	6897890	0.0266 AGAMGNAGA
chrIII	6914840	6914990	0.0471 AGAMGNAGA
chrIII	6974240	6974343	0.0471 AGAMGNAGA
chrIII	6989980	6990130	0.0266 AGAMGNAGA
chrIII	7012160	7012310	0.0471 AGAMGNAGA
chrIII	7013380	7013530	0.0471 AGAMGNAGA
chrIII	7032120	7032270	0.0266 AGAMGNAGA
chrIII	7153920	7154070	0.0266 AGAMGNAGA
chrIII	7166720	7166870	0.0266 AGAMGNAGA
chrIII	7186160	7186202	0.0471 AGAMGNAGA
chrIII	7193300	7193450	0.0266 AGAMGNAGA
chrIII	7201320	7201470	0.0471 AGAMGNAGA
chrIII	7272280	7272430	0.0266 AGAMGNAGA
chrIII	7272800	7272950	0.0471 AGAMGNAGA

chrIII	750100	750250	0.0471 AGAMGNAGA
chrIII	7524920	7525070	0.0471 AGAMGNAGA
chrIII	7533120	7533270	0.0471 AGAMGNAGA
chrIII	7536640	7536790	0.0266 AGAMGNAGA
chrIII	7559840	7559990	0.0471 AGAMGNAGA
chrIII	7570133	7570210	0.0471 AGAMGNAGA
chrIII	7635660	7635810	0.0471 AGAMGNAGA
chrIII	764520	764670	0.0471 AGAMGNAGA
chrIII	7661180	7661330	0.0471 AGAMGNAGA
chrIII	7686040	7686168	0.0471 AGAMGNAGA
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chrIII	8468900	8469050	0.0471 AGAMGNAGA
chrIII	8485260	8485410	0.0471 AGAMGNAGA
chrIII	8492420	8492570	0.0471 AGAMGNAGA
chrIII	8511720	8511870	0.0471 AGAMGNAGA
chrIII	8524740	8524890	0.0471 AGAMGNAGA
chrIII	8556860	8557010	0.0471 AGAMGNAGA
chrIII	8575300	8575450	0.0471 AGAMGNAGA
chrIII	8579440	8579590	0.0471 AGAMGNAGA
chrIII	8588620	8588770	0.0471 AGAMGNAGA
chrIII	8596740	8596890	0.0266 AGAMGNAGA
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chrIII	8680680	8680830	0.0471 AGAMGNAGA
chrIII	8788740	8788890	0.0471 AGAMGNAGA
chrIII	8794800	8794950	0.0266 AGAMGNAGA
chrIII	8797300	8797450	0.0471 AGAMGNAGA
chrIII	8801920	8802070	0.0266 AGAMGNAGA
chrIII	8801920	8802070	0.0471 AGAMGNAGA

chrIII	8811040	8811190	0.0471 AGAMGNAGA
chrIII	8815780	8815930	0.0471 AGAMGNAGA
chrIII	8817760	8817910	0.0471 AGAMGNAGA
chrIII	8873220	8873370	0.0471 AGAMGNAGA
chrIII	8931980	8932130	0.0471 AGAMGNAGA
chrIII	8986860	8987010	0.0471 AGAMGNAGA
chrIII	9032740	9032890	0.0471 AGAMGNAGA
chrIII	9083260	9083410	0.0471 AGAMGNAGA
chrIII	9112620	9112770	0.0471 AGAMGNAGA
chrIII	9131328	9131450	0.0471 AGAMGNAGA
chrIII	9143999	9144130	0.0266 AGAMGNAGA
chrIII	9177900	9178050	0.0266 AGAMGNAGA
chrIII	9191240	9191390	0.0471 AGAMGNAGA
chrIII	9191660	9191810	0.0471 AGAMGNAGA
chrIII	9213960	9214110	0.0471 AGAMGNAGA
chrIII	9242540	9242690	0.0471 AGAMGNAGA
chrIII	9275960	9276110	0.0471 AGAMGNAGA
chrIII	9279860	9280010	0.0266 AGAMGNAGA
chrIII	9381600	9381750	0.0471 AGAMGNAGA
chrIII	9467160	9467310	0.0266 AGAMGNAGA
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chrIII	9567420	9567570	0.0471 AGAMGNAGA
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chrIII	9638480	9638630	0.0471 AGAMGNAGA
chrIII	9654873	9655010	0.0471 AGAMGNAGA
chrIII	9661260	9661410	0.0471 AGAMGNAGA
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chrIII	9670680	9670830	0.0471 AGAMGNAGA
chrIII	9698740	9698890	0.0471 AGAMGNAGA
chrIII	9701340	9701490	0.0266 AGAMGNAGA
chrIII	9701340	9701490	0.0471 AGAMGNAGA
chrIII	9794040	9794190	0.0266 AGAMGNAGA
chrIII	9851560	9851710	0.0471 AGAMGNAGA
chrIII	9859183	9859290	0.0266 AGAMGNAGA
chrIII	9871109	9871170	0.0471 AGAMGNAGA
chrIII	9873680	9873830	0.0471 AGAMGNAGA
chrIII	9906640	9906790	0.0471 AGAMGNAGA
chrIII	9974940	9975090	0.0471 AGAMGNAGA
chrIII	9991320	9991470	0.0471 AGAMGNAGA
chrIV	10190680	10190830	0.0266 AGAMGNAGA
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chrIV	10265960	10266110	0.0471 AGAMGNAGA
chrIV	10342100	10342250	0.0471 AGAMGNAGA
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chrIV	10516100	10516250	0.0471 AGAMGNAGA
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chrIV	10817160	10817310	0.0266	AGAMGNAGA
chrIV	10821700	10821850	0.0471	AGAMGNAGA
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chrIV	10870440	10870590	0.0471	AGAMGNAGA
chrIV	10935440	10935590	0.0266	AGAMGNAGA
chrIV	10972940	10973090	0.0471	AGAMGNAGA
chrIV	10979740	10979890	0.0471	AGAMGNAGA
chrIV	10990780	10990930	0.0471	AGAMGNAGA
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chrIV	11119220	11119344	0.0266	AGAMGNAGA
chrIV	11125320	11125470	0.0266	AGAMGNAGA
chrIV	11166420	11166570	0.0471	AGAMGNAGA
chrIV	11285500	11285650	0.0471	AGAMGNAGA
chrIV	11348860	11349010	0.0471	AGAMGNAGA
chrIV	11351600	11351750	0.0471	AGAMGNAGA
chrIV	11379348	11379470	0.0471	AGAMGNAGA
chrIV	114780	114930	0.0471	AGAMGNAGA
chrIV	11522600	11522750	0.0266	AGAMGNAGA
chrIV	11548760	11548910	0.0471	AGAMGNAGA
chrIV	11571660	11571810	0.0266	AGAMGNAGA
chrIV	11571660	11571810	0.0471	AGAMGNAGA
chrIV	11584880	11585030	0.0266	AGAMGNAGA
chrIV	11649180	11649330	0.0471	AGAMGNAGA
chrIV	11713440	11713590	0.0471	AGAMGNAGA
chrIV	11724380	11724530	0.0266	AGAMGNAGA
chrIV	11725820	11725970	0.0471	AGAMGNAGA
chrIV	11734180	11734330	0.0471	AGAMGNAGA
chrIV	11796100	11796250	0.0471	AGAMGNAGA
chrIV	11799340	11799490	0.0471	AGAMGNAGA
chrIV	11804180	11804330	0.0471	AGAMGNAGA
chrIV	11810300	11810450	0.0471	AGAMGNAGA
chrIV	11867780	11867930	0.0266	AGAMGNAGA
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chrIV	12012540	12012690	0.0266	AGAMGNAGA
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chrIV	12131160	12131310	0.0471	AGAMGNAGA
chrIV	12217260	12217410	0.0471	AGAMGNAGA
chrIV	12335400	12335550	0.0266	AGAMGNAGA
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chrIV	12567300	12567450	0.0266	AGAMGNAGA
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chrIV	12635200	12635350	0.0471	AGAMGNAGA
chrIV	12698620	12698770	0.0471	AGAMGNAGA
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chrIV	1274740	1274890	0.0266	AGAMGNAGA
chrIV	12771660	12771810	0.0266	AGAMGNAGA
chrIV	12799260	12799410	0.0266	AGAMGNAGA
chrIV	12814440	12814590	0.0266	AGAMGNAGA
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chrIV	12818880	12819030	0.0471	AGAMGNAGA
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chrIV	128700	128850	0.0266	AGAMGNAGA
chrIV	13006860	13007010	0.0471	AGAMGNAGA
chrIV	13015880	13016030	0.0471	AGAMGNAGA
chrIV	13024860	13025010	0.0471	AGAMGNAGA
chrIV	130260	130410	0.0266	AGAMGNAGA
chrIV	13029980	13030130	0.0266	AGAMGNAGA
chrIV	13079320	13079470	0.0266	AGAMGNAGA
chrIV	13169540	13169690	0.0266	AGAMGNAGA
chrIV	13218220	13218370	0.0471	AGAMGNAGA
chrIV	132220	132370	0.0266	AGAMGNAGA
chrIV	13383990	13384110	0.0471	AGAMGNAGA
chrIV	13395340	13395490	0.0266	AGAMGNAGA
chrIV	13458040	13458190	0.0471	AGAMGNAGA
chrIV	13491040	13491190	0.0471	AGAMGNAGA
chrIV	1371360	1371510	0.0471	AGAMGNAGA
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chrIV	13826440	13826590	0.0266	AGAMGNAGA
chrIV	13887540	13887690	0.0266	AGAMGNAGA
chrIV	1392580	1392730	0.0266	AGAMGNAGA
chrIV	13949840	13949990	0.0471	AGAMGNAGA
chrIV	13980180	13980330	0.0471	AGAMGNAGA
chrIV	14128340	14128490	0.0266	AGAMGNAGA
chrIV	14249520	14249670	0.0266	AGAMGNAGA
chrIV	14260940	14261090	0.0471	AGAMGNAGA
chrIV	14264220	14264370	0.0266	AGAMGNAGA
chrIV	14391800	14391950	0.0266	AGAMGNAGA
chrIV	1439340	1439490	0.0266	AGAMGNAGA
chrIV	14445340	14445490	0.0266	AGAMGNAGA
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chrIV	14496659	14496730	0.0266	AGAMGNAGA
chrIV	14611120	14611270	0.0471	AGAMGNAGA
chrIV	14661380	14661530	0.0266	AGAMGNAGA
chrIV	14661380	14661530	0.0471	AGAMGNAGA
chrIV	14724080	14724230	0.0471	AGAMGNAGA

chrIV	14729380	14729530	0.0266	AGAMGNAGA
chrIV	14767760	14767910	0.0266	AGAMGNAGA
chrIV	14837000	14837150	0.0266	AGAMGNAGA
chrIV	14877800	14877950	0.0471	AGAMGNAGA
chrIV	148820	148970	0.0471	AGAMGNAGA
chrIV	14883880	14884030	0.0266	AGAMGNAGA
chrIV	14959540	14959690	0.0266	AGAMGNAGA
chrIV	15017160	15017310	0.0471	AGAMGNAGA
chrIV	15107260	15107410	0.0266	AGAMGNAGA
chrIV	15471488	15471610	0.0266	AGAMGNAGA
chrIV	1548520	1548670	0.0471	AGAMGNAGA
chrIV	15984300	15984450	0.0266	AGAMGNAGA
chrIV	16024220	16024370	0.0266	AGAMGNAGA
chrIV	1623840	1623990	0.0266	AGAMGNAGA
chrIV	16422260	16422410	0.0471	AGAMGNAGA
chrIV	17215180	17215330	0.0266	AGAMGNAGA
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chrIV	1820380	1820530	0.0471	AGAMGNAGA
chrIV	1838700	1838850	0.0266	AGAMGNAGA
chrIV	1843660	1843810	0.0471	AGAMGNAGA
chrIV	1854200	1854316	0.0471	AGAMGNAGA
chrIV	1904000	1904150	0.0266	AGAMGNAGA
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chrIV	2142480	2142630	0.0471	AGAMGNAGA
chrIV	2213880	2214030	0.0266	AGAMGNAGA
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chrIV	2316920	2317070	0.0266	AGAMGNAGA
chrIV	2418560	2418710	0.0471	AGAMGNAGA
chrIV	2556180	2556330	0.0471	AGAMGNAGA
chrIV	2602140	2602290	0.0266	AGAMGNAGA
chrIV	2648180	2648330	0.0266	AGAMGNAGA
chrIV	2658360	2658510	0.0266	AGAMGNAGA
chrIV	2665600	2665750	0.0266	AGAMGNAGA
chrIV	2914680	2914778	0.0266	AGAMGNAGA
chrIV	2931320	2931409	0.0471	AGAMGNAGA
chrIV	3014700	3014850	0.0266	AGAMGNAGA
chrIV	3031100	3031250	0.0266	AGAMGNAGA
chrIV	3160960	3161110	0.0266	AGAMGNAGA
chrIV	3204320	3204470	0.0471	AGAMGNAGA
chrIV	326680	326830	0.0266	AGAMGNAGA
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chrIV	3351260	3351410	0.0266	AGAMGNAGA
chrIV	3368780	3368930	0.0266	AGAMGNAGA
chrIV	3384660	3384810	0.0266	AGAMGNAGA
chrIV	3413500	3413650	0.0266	AGAMGNAGA
chrIV	343100	343250	0.0471	AGAMGNAGA
chrIV	365400	365550	0.0471	AGAMGNAGA
chrIV	3669060	3669210	0.0471	AGAMGNAGA
chrIV	3752360	3752510	0.0266	AGAMGNAGA
chrIV	3784120	3784270	0.0266	AGAMGNAGA
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chrIV	4022520	4022670	0.0266	AGAMGNAGA
chrIV	4029480	4029630	0.0266	AGAMGNAGA
chrIV	4093160	4093310	0.0266	AGAMGNAGA
chrIV	4179740	4179890	0.0471	AGAMGNAGA
chrIV	4246060	4246210	0.0266	AGAMGNAGA
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chrIV	4396260	4396410	0.0471	AGAMGNAGA
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chrIV	4407660	4407810	0.0266	AGAMGNAGA
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chrIV	4524960	4525110	0.0471	AGAMGNAGA
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chrIV	5081040	5081190	0.0471	AGAMGNAGA
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chrIV	5103360	5103510	0.0471	AGAMGNAGA
chrIV	5134080	5134230	0.0266	AGAMGNAGA
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chrIV	5926940	5927090	0.0266	AGAMGNAGA
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chrIV	6013980	6014130	0.0266	AGAMGNAGA
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chrIV	664120	664270	0.0471	AGAMGNAGA
chrIV	6705080	6705230	0.0471	AGAMGNAGA
chrIV	6809760	6809910	0.0471	AGAMGNAGA
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chrIV	7249437	7249490	0.0471	AGAMGNAGA
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chrIV	7553280	7553430	0.0266	AGAMGNAGA
chrIV	763780	763930	0.0266	AGAMGNAGA
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chrIV	7857640	7857790	0.0471	AGAMGNAGA
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chrIV	7979720	7979870	0.0266	AGAMGNAGA
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chrIV	8050100	8050250	0.0471	AGAMGNAGA
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chrIV	8092700	8092850	0.0471	AGAMGNAGA
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chrIV	8182740	8182890	0.0471	AGAMGNAGA
chrIV	82320	82470	0.0266	AGAMGNAGA
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chrIV	884820	884970	0.0266	AGAMGNAGA
chrIV	8866200	8866350	0.0266	AGAMGNAGA
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chrIV	9567500	9567650	0.0471	AGAMGNAGA
chrIV	9633060	9633210	0.0471	AGAMGNAGA
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chrV	10084120	10084270	0.0266	AGAMGNAGA
chrV	10102100	10102250	0.0471	AGAMGNAGA
chrV	10145820	10145952	0.0471	AGAMGNAGA
chrV	10274000	10274150	0.0471	AGAMGNAGA
chrV	10275700	10275850	0.0471	AGAMGNAGA
chrV	10296660	10296810	0.0471	AGAMGNAGA
chrV	10462140	10462282	0.0471	AGAMGNAGA
chrV	10466700	10466850	0.0266	AGAMGNAGA
chrV	10467160	10467310	0.0471	AGAMGNAGA
chrV	10473060	10473210	0.0471	AGAMGNAGA
chrV	10518480	10518630	0.0471	AGAMGNAGA
chrV	10639620	10639770	0.0266	AGAMGNAGA
chrV	10691480	10691630	0.0266	AGAMGNAGA
chrV	10722280	10722430	0.0266	AGAMGNAGA
chrV	10833640	10833790	0.0471	AGAMGNAGA
chrV	10844380	10844530	0.0471	AGAMGNAGA
chrV	10857400	10857550	0.0471	AGAMGNAGA
chrV	10897280	10897430	0.0266	AGAMGNAGA
chrV	11012540	11012690	0.0266	AGAMGNAGA
chrV	11012540	11012690	0.0471	AGAMGNAGA
chrV	11029780	11029930	0.0471	AGAMGNAGA
chrV	11075680	11075830	0.0471	AGAMGNAGA
chrV	11132940	11133090	0.0471	AGAMGNAGA
chrV	11171980	11172130	0.0471	AGAMGNAGA
chrV	11212880	11213030	0.0266	AGAMGNAGA
chrV	11212880	11213030	0.0471	AGAMGNAGA
chrV	11353260	11353410	0.0471	AGAMGNAGA
chrV	11435020	11435170	0.0471	AGAMGNAGA
chrV	11443720	11443870	0.0471	AGAMGNAGA
chrV	11444500	11444650	0.0471	AGAMGNAGA
chrV	11499960	11500110	0.0471	AGAMGNAGA
chrV	1151480	1151630	0.0266	AGAMGNAGA
chrV	11674020	11674170	0.0266	AGAMGNAGA
chrV	11680440	11680590	0.0266	AGAMGNAGA
chrV	11687060	11687210	0.0471	AGAMGNAGA
chrV	11740100	11740230	0.0471	AGAMGNAGA
chrV	11822800	11822950	0.0471	AGAMGNAGA
chrV	11922980	11923112	0.0471	AGAMGNAGA
chrV	11955700	11955850	0.0471	AGAMGNAGA
chrV	11958840	11958990	0.0471	AGAMGNAGA
chrV	12036780	12036930	0.0471	AGAMGNAGA
chrV	12079760	12079890	0.0471	AGAMGNAGA
chrV	12234680	12234830	0.0471	AGAMGNAGA

chrV	12295100	12295250	0.0471	AGAMGNAGA
chrV	12458580	12458730	0.0471	AGAMGNAGA
chrV	12525680	12525830	0.0471	AGAMGNAGA
chrV	12534860	12535010	0.0471	AGAMGNAGA
chrV	12586200	12586350	0.0471	AGAMGNAGA
chrV	12659320	12659362	0.0471	AGAMGNAGA
chrV	12701700	12701850	0.0471	AGAMGNAGA
chrV	12703320	12703443	0.0471	AGAMGNAGA
chrV	12811260	12811410	0.0471	AGAMGNAGA
chrV	1285820	1285970	0.0266	AGAMGNAGA
chrV	12870880	12871030	0.0266	AGAMGNAGA
chrV	13009920	13010070	0.0266	AGAMGNAGA
chrV	1303480	1303630	0.0471	AGAMGNAGA
chrV	13083780	13083930	0.0471	AGAMGNAGA
chrV	13086580	13086709	0.0266	AGAMGNAGA
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chrV	13166820	13166970	0.0471	AGAMGNAGA
chrV	13228180	13228330	0.0471	AGAMGNAGA
chrV	13236604	13236710	0.0471	AGAMGNAGA
chrV	13350700	13350850	0.0471	AGAMGNAGA
chrV	13363620	13363715	0.0471	AGAMGNAGA
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chrV	13463060	13463150	0.0266	AGAMGNAGA
chrV	13576080	13576230	0.0266	AGAMGNAGA
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chrV	13768508	13768610	0.0266	AGAMGNAGA
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chrV	14369540	14369690	0.0471	AGAMGNAGA
chrV	14498360	14498510	0.0471	AGAMGNAGA
chrV	14536020	14536059	0.0471	AGAMGNAGA
chrV	14620520	14620670	0.0471	AGAMGNAGA
chrV	14623320	14623470	0.0471	AGAMGNAGA
chrV	14668100	14668250	0.0471	AGAMGNAGA
chrV	14725580	14725730	0.0471	AGAMGNAGA
chrV	14729420	14729570	0.0471	AGAMGNAGA
chrV	14736280	14736430	0.0266	AGAMGNAGA

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chrV	14799080	14799230	0.0471	AGAMGNAGA
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chrV	14849680	14849830	0.0471	AGAMGNAGA
chrV	14858620	14858770	0.0471	AGAMGNAGA
chrV	14861820	14861970	0.0471	AGAMGNAGA
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chrV	15535120	15535270	0.0471	AGAMGNAGA
chrV	1562120	1562270	0.0471	AGAMGNAGA
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chrV	16509980	16510130	0.0266	AGAMGNAGA
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chrV	16762160	16762310	0.0471	AGAMGNAGA
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chrV	19529280	19529430	0.0266	AGAMGNAGA
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chrV	19620220	19620370	0.0471	AGAMGNAGA
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chrV	19936620	19936770	0.0471	AGAMGNAGA
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chrV	20070760	20070910	0.0471	AGAMGNAGA
chrV	20122700	20122850	0.0471	AGAMGNAGA
chrV	20257980	20258130	0.0266	AGAMGNAGA
chrV	20305040	20305190	0.0266	AGAMGNAGA
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chrX	11594100	11594250	0.0471 AGAMGNAGA
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chrX	15342240	15342390	0.0471	AGAMGNAGA
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chrX	16365180	16365330	0.0471	AGAMGNAGA
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chrX	17670360	17670510	0.0471	AGAMGNAGA
chrX	1945031	1945150	0.0471	AGAMGNAGA
chrX	1953560	1953690	0.0471	AGAMGNAGA
chrX	2131844	2131910	0.0471	AGAMGNAGA
chrX	2160360	2160510	0.0471	AGAMGNAGA
chrX	2212840	2212990	0.0471	AGAMGNAGA
chrX	2237560	2237710	0.0266	AGAMGNAGA
chrX	2357240	2357390	0.0471	AGAMGNAGA
chrX	2508200	2508350	0.0266	AGAMGNAGA
chrX	2553940	2554090	0.0471	AGAMGNAGA
chrX	2645920	2646070	0.0471	AGAMGNAGA
chrX	2661980	2662130	0.0471	AGAMGNAGA
chrX	2782780	2782930	0.0471	AGAMGNAGA
chrX	2793740	2793890	0.0266	AGAMGNAGA
chrX	2852520	2852670	0.0471	AGAMGNAGA
chrX	2926120	2926270	0.0471	AGAMGNAGA
chrX	2950420	2950570	0.0471	AGAMGNAGA

chrX	2971520	2971670	0.0471 AGAMGNAGA
chrX	3191800	3191950	0.0471 AGAMGNAGA
chrX	3215800	3215950	0.0471 AGAMGNAGA
chrX	3314960	3315110	0.0471 AGAMGNAGA
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chrX	3520940	3521090	0.0471 AGAMGNAGA
chrX	3526840	3526990	0.0471 AGAMGNAGA
chrX	3601600	3601750	0.0471 AGAMGNAGA
chrX	3605800	3605950	0.0266 AGAMGNAGA
chrX	3706500	3706650	0.0471 AGAMGNAGA
chrX	3827340	3827450	0.0471 AGAMGNAGA
chrX	3838720	3838870	0.0471 AGAMGNAGA
chrX	3850960	3851110	0.0471 AGAMGNAGA
chrX	3854300	3854450	0.0471 AGAMGNAGA
chrX	3930560	3930710	0.0471 AGAMGNAGA
chrX	3954080	3954230	0.0471 AGAMGNAGA
chrX	3990980	3991130	0.0471 AGAMGNAGA
chrX	4012020	4012170	0.0471 AGAMGNAGA
chrX	4144980	4145130	0.0471 AGAMGNAGA
chrX	4157400	4157550	0.0471 AGAMGNAGA
chrX	4157960	4158110	0.0266 AGAMGNAGA
chrX	4171100	4171250	0.0471 AGAMGNAGA
chrX	4196540	4196690	0.0471 AGAMGNAGA
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chrX	4458000	4458150	0.0266 AGAMGNAGA
chrX	4469400	4469550	0.0266 AGAMGNAGA
chrX	4673246	4673390	0.0266 AGAMGNAGA
chrX	4813140	4813290	0.0471 AGAMGNAGA
chrX	4869680	4869830	0.0266 AGAMGNAGA
chrX	4899820	4899970	0.0471 AGAMGNAGA
chrX	493080	493230	0.0471 AGAMGNAGA
chrX	4957260	4957329	0.0471 AGAMGNAGA
chrX	4972140	4972290	0.0471 AGAMGNAGA
chrX	5114320	5114374	0.0471 AGAMGNAGA
chrX	5117560	5117710	0.0471 AGAMGNAGA
chrX	5119400	5119550	0.0471 AGAMGNAGA
chrX	5128120	5128270	0.0471 AGAMGNAGA
chrX	5165120	5165270	0.0471 AGAMGNAGA
chrX	5279280	5279430	0.0471 AGAMGNAGA
chrX	535840	535990	0.0266 AGAMGNAGA
chrX	5458860	5459010	0.0471 AGAMGNAGA
chrX	5514939	5514990	0.0471 AGAMGNAGA
chrX	5533120	5533270	0.0471 AGAMGNAGA

chrX	5590060	5590210	0.0471 AGAMGNAGA
chrX	5634200	5634350	0.0471 AGAMGNAGA
chrX	5641460	5641610	0.0471 AGAMGNAGA
chrX	5663180	5663330	0.0471 AGAMGNAGA
chrX	5668740	5668890	0.0471 AGAMGNAGA
chrX	5816280	5816430	0.0471 AGAMGNAGA
chrX	5841040	5841190	0.0471 AGAMGNAGA
chrX	5867140	5867290	0.0471 AGAMGNAGA
chrX	593440	593590	0.0471 AGAMGNAGA
chrX	5956360	5956510	0.0471 AGAMGNAGA
chrX	6101040	6101190	0.0471 AGAMGNAGA
chrX	6153000	6153150	0.0471 AGAMGNAGA
chrX	6162120	6162270	0.0471 AGAMGNAGA
chrX	6169260	6169305	0.0471 AGAMGNAGA
chrX	6214100	6214250	0.0471 AGAMGNAGA
chrX	6250220	6250370	0.0471 AGAMGNAGA
chrX	6398080	6398230	0.0471 AGAMGNAGA
chrX	6774920	6775070	0.0471 AGAMGNAGA
chrX	6889380	6889530	0.0471 AGAMGNAGA
chrX	6897200	6897350	0.0471 AGAMGNAGA
chrX	6983220	6983370	0.0471 AGAMGNAGA
chrX	7157540	7157690	0.0471 AGAMGNAGA
chrX	7188600	7188750	0.0471 AGAMGNAGA
chrX	7194140	7194290	0.0266 AGAMGNAGA
chrX	7216760	7216910	0.0471 AGAMGNAGA
chrX	7280020	7280170	0.0471 AGAMGNAGA
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chrX	7442680	7442830	0.0471 AGAMGNAGA
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chrX	7715540	7715690	0.0471 AGAMGNAGA
chrX	7732640	7732684	0.0471 AGAMGNAGA
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chrX	7870940	7871090	0.0471 AGAMGNAGA
chrX	788140	788290	0.0471 AGAMGNAGA
chrX	7985580	7985730	0.0471 AGAMGNAGA
chrX	8039860	8040010	0.0471 AGAMGNAGA
chrX	8187740	8187890	0.0471 AGAMGNAGA
chrX	826040	826190	0.0266 AGAMGNAGA
chrX	8311700	8311850	0.0471 AGAMGNAGA
chrX	8476360	8476510	0.0471 AGAMGNAGA
chrX	8540560	8540710	0.0471 AGAMGNAGA
chrX	8566000	8566150	0.0471 AGAMGNAGA

chrX	8644760	8644910	0.0471 AGAMGNAGA
chrX	8688620	8688770	0.0471 AGAMGNAGA
chrX	8770420	8770570	0.0471 AGAMGNAGA
chrX	8963620	8963770	0.0471 AGAMGNAGA
chrX	9089560	9089710	0.0266 AGAMGNAGA
chrX	9106296	9106364	0.0471 AGAMGNAGA
chrX	9133200	9133350	0.0471 AGAMGNAGA
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chrX	9396500	9396650	0.0266 AGAMGNAGA
chrX	9409200	9409350	0.0471 AGAMGNAGA
chrX	9490520	9490670	0.0471 AGAMGNAGA
chrX	9550060	9550210	0.0471 AGAMGNAGA
chrX	9736020	9736170	0.0471 AGAMGNAGA
chrX	9756900	9757050	0.0471 AGAMGNAGA
chrX	9822640	9822790	0.0266 AGAMGNAGA
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chrX	9941460	9941610	0.0266 AGAMGNAGA
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chrI	12659380	12659450	0.00548 AGCAGCGYCCA
chrI	12887260	12887410	0.0243 AGCAGCGYCCA
chrI	223800	223950	0.0111 AGCAGCGYCCA
chrI	245440	245590	0.0111 AGCAGCGYCCA
chrI	2962040	2962190	0.0407 AGCAGCGYCCA
chrI	4699500	4699650	0.0243 AGCAGCGYCCA
chrI	5272620	5272770	0.0263 AGCAGCGYCCA
chrI	8426280	8426430	0.0243 AGCAGCGYCCA
chrII	10954480	10954630	0.00257 AGCAGCGYCCA
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chrII	15218040	15218190	0.0477 AGCAGCGYCCA
chrII	2516880	2517030	0.0243 AGCAGCGYCCA
chrII	3527600	3527750	0.0407 AGCAGCGYCCA
chrII	6140560	6140710	0.0111 AGCAGCGYCCA
chrII	7060420	7060570	0.00548 AGCAGCGYCCA
chrII	879000	879150	0.0407 AGCAGCGYCCA
chrIII	10560429	10560490	0.0407 AGCAGCGYCCA
chrIII	11009369	11009417	0.0477 AGCAGCGYCCA
chrIII	12555900	12556050	0.0407 AGCAGCGYCCA
chrIII	4947380	4947530	0.0407 AGCAGCGYCCA
chrIII	7325660	7325810	0.00548 AGCAGCGYCCA
chrIV	10573300	10573450	0.0234 AGCAGCGYCCA
chrIV	12617280	12617430	0.00548 AGCAGCGYCCA
chrIV	14846020	14846170	0.0407 AGCAGCGYCCA
chrIV	1984640	1984790	0.00548 AGCAGCGYCCA
chrIV	2725900	2726050	0.00548 AGCAGCGYCCA

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chrV	18877880	18878030	0.00257	AGCAGCGYCCA
chrV	18877880	18878030	0.0407	AGCAGCGYCCA
chrV	18878380	18878530	0.00257	AGCAGCGYCCA
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chrV	18883140	18883290	0.0243	AGCAGCGYCCA
chrV	18883740	18883890	0.00257	AGCAGCGYCCA
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chrV	18887140	18887290	0.00257	AGCAGCGYCCA
chrV	18887560	18887710	0.00257	AGCAGCGYCCA
chrV	18889160	18889310	0.00257	AGCAGCGYCCA
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chrV	18959200	18959350	0.00257	AGCAGCGYCCA
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chrV	18964440	18964550	0.0407	AGCAGCGYCCA
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chrV	18968360	18968510	0.00257	AGCAGCGYCCA
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chrV	18991820	18991970	0.00257	AGCAGCGYCCA
chrV	18992080	18992230	0.00257	AGCAGCGYCCA
chrV	18992520	18992670	0.00257	AGCAGCGYCCA
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chrV	19003700	19003850	0.0263	AGCAGCGYCCA

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chrV	19111300	19111450	0.00257	AGCAGCGYCCA
chrV	19111300	19111450	0.0243	AGCAGCGYCCA
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chrV	19119940	19120090	0.00257	AGCAGCGYCCA
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chrV	19123000	19123150	0.00257	AGCAGCGYCCA
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chrV	19199560	19199710	0.0407	AGCAGCGYCCA
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chrV	20099340	20099490	0.00257	AGCAGCGYCCA
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chrV	20099720	20099870	0.00257	AGCAGCGYCCA
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chrV	20103480	20103630	0.00257	AGCAGCGYCCA
chrV	20240040	20240190	0.00257	AGCAGCGYCCA
chrV	20240580	20240730	0.00257	AGCAGCGYCCA
chrV	20248080	20248230	0.00257	AGCAGCGYCCA
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chrV	20250340	20250490	0.00257	AGCAGCGYCCA
chrV	20262940	20263090	0.00257	AGCAGCGYCCA
chrV	20263960	20264110	0.00257	AGCAGCGYCCA
chrV	20265140	20265290	0.00257	AGCAGCGYCCA
chrV	20265140	20265290	0.0407	AGCAGCGYCCA
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chrV	20268260	20268410	0.00257	AGCAGCGYCCA
chrV	20268260	20268410	0.0407	AGCAGCGYCCA
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chrV	20270540	20270690	0.00257	AGCAGCGYCCA
chrV	20271080	20271230	0.00257	AGCAGCGYCCA
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chrV	20272980	20273130	0.00257	AGCAGCGYCCA
chrV	20272980	20273130	0.0111	AGCAGCGYCCA
chrV	20272980	20273130	0.0407	AGCAGCGYCCA
chrV	20273640	20273790	0.00257	AGCAGCGYCCA
chrV	20273640	20273790	0.0407	AGCAGCGYCCA
chrV	20274000	20274150	0.00257	AGCAGCGYCCA
chrV	20274700	20274850	0.00257	AGCAGCGYCCA
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chrX	161000	161150	0.00257	AGCAGCGYCCA
chrX	161000	161150	0.0407	AGCAGCGYCCA
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chrX	164360	164510	0.00257	AGCAGCGYCCA

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chrX	164360	164510	0.0234	AGCAGCGYCCA
chrX	164360	164510	0.0407	AGCAGCGYCCA
chrX	164660	164810	0.00257	AGCAGCGYCCA
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chrX	217900	218050	0.0243	AGCAGCGYCCA
chrX	4669000	4669150	0.0111	AGCAGCGYCCA
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chrX	4669880	4670030	0.0243	AGCAGCGYCCA
chrX	4813140	4813290	0.0169	AGCAGCGYCCA
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chrI	10988140	10988290	0.0129	AGCCTCAACCA
chrI	11002820	11002970	0.0129	AGCCTCAACCA
chrI	11038160	11038310	0.0129	AGCCTCAACCA
chrI	11046720	11046870	0.0129	AGCCTCAACCA
chrI	11125360	11125510	0.0129	AGCCTCAACCA
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chrI	11137040	11137190	0.0129	AGCCTCAACCA
chrI	11223460	11223610	0.0129	AGCCTCAACCA
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chrI	13034760	13034910	0.0129	AGCCTCAACCA
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chrI	13525600	13525750	0.0129	AGCCTCAACCA
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chrI	13593780	13593930	0.0129	AGCCTCAACCA
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chrI	13627340	13627490	0.0129	AGCCTCAACCA
chrI	13629680	13629830	0.0129	AGCCTCAACCA
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chrI	14102560	14102710	0.0129	AGCCTCAACCA
chrI	14119203	14119290	0.0129	AGCCTCAACCA
chrI	14413850	14413990	0.0129	AGCCTCAACCA
chrIII	9869780	9869930	0.0129	AGCCTCAACCA
chrIV	119920	120070	0.0129	AGCCTCAACCA

chrIV	123460	123610	0.0129 AGCCTCAACCA
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chrIV	180540	180690	0.0129 AGCCTCAACCA
chrIV	193680	193830	0.0129 AGCCTCAACCA
chrIV	195620	195770	0.0129 AGCCTCAACCA
chrIV	196300	196450	0.0129 AGCCTCAACCA
chrIV	215680	215830	0.0129 AGCCTCAACCA
chrIV	229840	229990	0.0129 AGCCTCAACCA
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chrIII	2750160	2750310	0.0259	ASGYAGGCA
chrIII	2750160	2750310	0.0386	ASGYAGGCA
chrIII	2811480	2811630	0.0259	ASGYAGGCA
chrIII	2833220	2833370	0.0386	ASGYAGGCA
chrIII	2903760	2903910	0.0386	ASGYAGGCA
chrIII	3360075	3360130	0.0259	ASGYAGGCA
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chrIII	3382400	3382550	0.0259	ASGYAGGCA
chrIII	3382400	3382550	0.0386	ASGYAGGCA
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chrIII	3440040	3440139	0.0259	ASGYAGGCA
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chrIII	3485025	3485102	0.0259	ASGYAGGCA
chrIII	3547840	3547990	0.0386	ASGYAGGCA

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chrIII	3592001	3592050	0.0259	ASGYAGGCA
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chrIII	3757560	3757710	0.0386	ASGYAGGCA
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chrIII	3891940	3892090	0.0259	ASGYAGGCA
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chrIII	4070740	4070890	0.0259	ASGYAGGCA
chrIII	4077020	4077170	0.0259	ASGYAGGCA
chrIII	4091180	4091252	0.0259	ASGYAGGCA
chrIII	4106800	4106950	0.0259	ASGYAGGCA
chrIII	4106800	4106950	0.0386	ASGYAGGCA
chrIII	4108760	4108910	0.0386	ASGYAGGCA
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chrIII	4387960	4388110	0.0259	ASGYAGGCA
chrIII	4393040	4393190	0.0259	ASGYAGGCA
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chrIII	4446100	4446250	0.0259	ASGYAGGCA
chrIII	4466773	4466890	0.0259	ASGYAGGCA
chrIII	4546025	4546130	0.0259	ASGYAGGCA
chrIII	4949500	4949650	0.0259	ASGYAGGCA
chrIII	5430700	5430850	0.0259	ASGYAGGCA
chrIII	545820	545970	0.0259	ASGYAGGCA
chrIII	5469860	5470010	0.0259	ASGYAGGCA
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chrIII	725300	725450	0.0259 ASGYAGGCA
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chrIII	8241460	8241610	0.0386 ASGYAGGCA
chrIII	8367000	8367150	0.0386 ASGYAGGCA
chrIII	8452380	8452530	0.0386 ASGYAGGCA
chrIII	8453320	8453470	0.0259 ASGYAGGCA
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chrIII	8580020	8580170	0.0386 ASGYAGGCA
chrIII	8601360	8601510	0.0259 ASGYAGGCA
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chrIII	9528860	9529010	0.0259 ASGYAGGCA
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chrIII	980200	980350	0.0259 ASGYAGGCA
chrIII	980200	980350	0.0386 ASGYAGGCA
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chrIV	10213800	10213950	0.0386 ASGYAGGCA
chrIV	10316480	10316630	0.0259 ASGYAGGCA
chrIV	10319040	10319190	0.0259 ASGYAGGCA
chrIV	10697620	10697770	0.0259 ASGYAGGCA
chrIV	10722560	10722710	0.0259 ASGYAGGCA
chrIV	10740860	10741010	0.0259 ASGYAGGCA
chrIV	11112460	11112610	0.0259 ASGYAGGCA
chrIV	11512540	11512690	0.0386 ASGYAGGCA
chrIV	11535760	11535860	0.0259 ASGYAGGCA
chrIV	11643706	11643830	0.0259 ASGYAGGCA
chrIV	11644840	11644990	0.0259 ASGYAGGCA
chrIV	11784600	11784750	0.0259 ASGYAGGCA
chrIV	11789120	11789270	0.0259 ASGYAGGCA

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chrIV	12210160	12210257	0.0259	ASGYAGGCA
chrIV	12243520	12243670	0.0259	ASGYAGGCA
chrIV	12261720	12261870	0.0259	ASGYAGGCA
chrIV	12300920	12300990	0.0259	ASGYAGGCA
chrIV	12342780	12342930	0.0259	ASGYAGGCA
chrIV	12353420	12353570	0.0259	ASGYAGGCA
chrIV	12401220	12401370	0.0259	ASGYAGGCA
chrIV	12426160	12426310	0.0259	ASGYAGGCA
chrIV	12478140	12478290	0.0259	ASGYAGGCA
chrIV	12478140	12478290	0.0386	ASGYAGGCA
chrIV	12485680	12485830	0.0259	ASGYAGGCA
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chrIV	12720605	12720690	0.0386	ASGYAGGCA
chrIV	12783580	12783720	0.0259	ASGYAGGCA
chrIV	12784841	12784910	0.0259	ASGYAGGCA
chrIV	12863420	12863539	0.0386	ASGYAGGCA
chrIV	12866320	12866470	0.0386	ASGYAGGCA
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chrIV	13010260	13010410	0.0259	ASGYAGGCA
chrIV	13017920	13018070	0.0259	ASGYAGGCA
chrIV	13037943	13038070	0.0259	ASGYAGGCA
chrIV	13044780	13044930	0.0259	ASGYAGGCA
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chrIV	13076880	13077030	0.0259	ASGYAGGCA
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chrIV	13126600	13126750	0.0259	ASGYAGGCA
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chrIV	13132080	13132230	0.0259	ASGYAGGCA
chrIV	13137140	13137290	0.0259	ASGYAGGCA
chrIV	13137140	13137290	0.0386	ASGYAGGCA
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chrIV	13540700	13540850	0.0386	ASGYAGGCA
chrIV	13555120	13555270	0.0259	ASGYAGGCA
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chrIV	14002720	14002870	0.0386	ASGYAGGCA
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chrIV	1610820	1610863	0.0259	ASGYAGGCA
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chrIV	16199632	16199709	0.0386	ASGYAGGCA
chrIV	16340740	16340877	0.0386	ASGYAGGCA
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chrIV	16669160	16669310	0.0259	ASGYAGGCA
chrIV	16669160	16669310	0.0386	ASGYAGGCA
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chrIV	16826020	16826170	0.0259	ASGYAGGCA
chrIV	17192320	17192470	0.0386	ASGYAGGCA
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chrIV	1786320	1786470	0.0259	ASGYAGGCA
chrIV	1819700	1819850	0.0259	ASGYAGGCA
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chrIV	522878	523010	0.0386 ASGYAGGCA
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chrIV	538240	538390	0.0259 ASGYAGGCA
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chrIV	5973280	5973430	0.0259	ASGYAGGCA
chrIV	608480	608630	0.0259	ASGYAGGCA
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chrIV	624920	625070	0.0259	ASGYAGGCA
chrIV	624920	625070	0.0386	ASGYAGGCA
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chrIV	642220	642370	0.0386	ASGYAGGCA
chrIV	642700	642850	0.0386	ASGYAGGCA
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chrIV	7372380	7372530	0.0259	ASGYAGGCA
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chrIV	743320	743470	0.0386	ASGYAGGCA
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chrV	10054400	10054454	0.0386	ASGYAGGCA
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chrV	12267140	12267290	0.0259	ASGYAGGCA
chrV	1286180	1286330	0.0386	ASGYAGGCA
chrV	13036220	13036370	0.0386	ASGYAGGCA
chrV	13186700	13186850	0.0386	ASGYAGGCA
chrV	1340780	1340930	0.0259	ASGYAGGCA
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chrV	14869880	14870030	0.0386	ASGYAGGCA
chrV	14925980	14926130	0.0259	ASGYAGGCA
chrV	14968200	14968350	0.0386	ASGYAGGCA
chrV	15100240	15100368	0.0259	ASGYAGGCA
chrV	15138160	15138219	0.0259	ASGYAGGCA
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chrV	15431855	15431970	0.0259	ASGYAGGCA
chrV	15451940	15452090	0.0259	ASGYAGGCA
chrV	15451940	15452090	0.0386	ASGYAGGCA
chrV	15670640	15670790	0.0259	ASGYAGGCA
chrV	15723160	15723245	0.0259	ASGYAGGCA
chrV	15774600	15774750	0.0259	ASGYAGGCA
chrV	15938980	15939130	0.0259	ASGYAGGCA
chrV	15938980	15939130	0.0386	ASGYAGGCA
chrV	16017420	16017570	0.0259	ASGYAGGCA
chrV	16070850	16070930	0.0259	ASGYAGGCA
chrV	16230600	16230750	0.0259	ASGYAGGCA
chrV	16275580	16275730	0.0386	ASGYAGGCA
chrV	16281180	16281330	0.0386	ASGYAGGCA
chrV	16384300	16384450	0.0386	ASGYAGGCA
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chrV	16444400	16444550	0.0386	ASGYAGGCA
chrV	16460160	16460310	0.0386	ASGYAGGCA
chrV	16676700	16676850	0.0259	ASGYAGGCA
chrV	17442000	17442150	0.0259	ASGYAGGCA
chrV	17733704	17733777	0.0259	ASGYAGGCA
chrV	1846722	1846790	0.0259	ASGYAGGCA
chrV	1846722	1846790	0.0386	ASGYAGGCA
chrV	18940000	18940150	0.0259	ASGYAGGCA
chrV	18940000	18940150	0.0386	ASGYAGGCA
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chrV	1923440	1923590	0.0259	ASGYAGGCA
chrV	1975760	1975910	0.0386	ASGYAGGCA
chrV	1976300	1976450	0.0259	ASGYAGGCA
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chrV	2100241	2100290	0.0259	ASGYAGGCA
chrV	2102243	2102290	0.0259	ASGYAGGCA
chrV	2102243	2102290	0.0386	ASGYAGGCA
chrV	2104040	2104114	0.0386	ASGYAGGCA
chrV	224200	224350	0.0386	ASGYAGGCA
chrV	2298320	2298470	0.0386	ASGYAGGCA
chrV	2299800	2299950	0.0386	ASGYAGGCA
chrV	2302320	2302470	0.0386	ASGYAGGCA
chrV	242740	242890	0.0259	ASGYAGGCA
chrV	2678060	2678210	0.0259	ASGYAGGCA
chrV	2678060	2678210	0.0386	ASGYAGGCA
chrV	283080	283230	0.0386	ASGYAGGCA
chrV	333520	333670	0.0259	ASGYAGGCA
chrV	333520	333670	0.0386	ASGYAGGCA
chrV	3614980	3615130	0.0259	ASGYAGGCA
chrV	3785660	3785810	0.0259	ASGYAGGCA
chrV	386280	386430	0.0386	ASGYAGGCA
chrV	3917040	3917190	0.0259	ASGYAGGCA
chrV	3917040	3917190	0.0386	ASGYAGGCA
chrV	393380	393530	0.0259	ASGYAGGCA
chrV	39620	39770	0.0386	ASGYAGGCA
chrV	40080	40230	0.0259	ASGYAGGCA
chrV	417840	417990	0.0386	ASGYAGGCA
chrV	422240	422390	0.0259	ASGYAGGCA
chrV	422240	422390	0.0386	ASGYAGGCA
chrV	4411356	4411430	0.0259	ASGYAGGCA
chrV	4421720	4421870	0.0259	ASGYAGGCA
chrV	445140	445259	0.0386	ASGYAGGCA
chrV	4699780	4699930	0.0386	ASGYAGGCA
chrV	4711031	4711130	0.0259	ASGYAGGCA
chrV	4776320	4776470	0.0259	ASGYAGGCA
chrV	4776320	4776470	0.0386	ASGYAGGCA
chrV	4805360	4805439	0.0386	ASGYAGGCA
chrV	4968540	4968690	0.0259	ASGYAGGCA
chrV	4996660	4996810	0.0259	ASGYAGGCA
chrV	5023500	5023650	0.0259	ASGYAGGCA
chrV	5252280	5252430	0.0386	ASGYAGGCA
chrV	5648840	5648990	0.0259	ASGYAGGCA
chrV	5865620	5865770	0.0386	ASGYAGGCA
chrV	6029960	6030110	0.0259	ASGYAGGCA

chrV	667720	667870	0.0386 ASGYAGGCA
chrV	6702460	6702610	0.0259 ASGYAGGCA
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chrV	735700	735850	0.0386 ASGYAGGCA
chrV	738460	738610	0.0259 ASGYAGGCA
chrV	738460	738610	0.0386 ASGYAGGCA
chrV	7422380	7422530	0.0259 ASGYAGGCA
chrV	7422380	7422530	0.0386 ASGYAGGCA
chrV	7595860	7595950	0.0259 ASGYAGGCA
chrV	789600	789750	0.0259 ASGYAGGCA
chrV	79920	80070	0.0259 ASGYAGGCA
chrV	855740	855890	0.0259 ASGYAGGCA
chrV	885239	885370	0.0386 ASGYAGGCA
chrV	92460	92610	0.0259 ASGYAGGCA
chrV	9949800	9949950	0.0259 ASGYAGGCA
chrX	10205580	10205730	0.0259 ASGYAGGCA
chrX	11600500	11600650	0.0259 ASGYAGGCA
chrX	11658200	11658350	0.0259 ASGYAGGCA
chrX	1279880	1280030	0.0259 ASGYAGGCA
chrX	1291760	1291910	0.0386 ASGYAGGCA
chrX	13499900	13500050	0.0259 ASGYAGGCA
chrX	15897600	15897750	0.0259 ASGYAGGCA
chrX	16147660	16147810	0.0259 ASGYAGGCA
chrX	17172940	17173090	0.0259 ASGYAGGCA
chrX	265020	265170	0.0259 ASGYAGGCA
chrX	2860540	2860690	0.0259 ASGYAGGCA
chrX	2860540	2860690	0.0386 ASGYAGGCA
chrX	2897240	2897390	0.0259 ASGYAGGCA
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chrI	12622760	12622900	0.0303 ATGGTGTCATYG
chrI	12875740	12875890	0.0303 ATGGTGTCATYG
chrI	13992560	13992582	0.0303 ATGGTGTCATYG
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chrI	14141920	14142070	0.0303 ATGGTGTCATYG
chrI	14279940	14280090	0.0303 ATGGTGTCATYG
chrI	2428080	2428230	0.0303 ATGGTGTCATYG
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chrI	462880	463030	0.0303 ATGGTGTCATYG
chrI	985620	985770	0.0303 ATGGTGTCATYG
chrII	10547800	10547950	0.0303 ATGGTGTCATYG
chrII	1179323	1179410	0.0303 ATGGTGTCATYG
chrII	1181460	1181610	0.0303 ATGGTGTCATYG
chrII	1189540	1189690	0.0303 ATGGTGTCATYG
chrII	1191540	1191690	0.0303 ATGGTGTCATYG

chrII	12350340	12350490	0.0303 ATGGTGCATYG
chrII	1360740	1360890	0.0303 ATGGTGCATYG
chrII	13789380	13789530	0.0303 ATGGTGCATYG
chrII	3598440	3598590	0.0303 ATGGTGCATYG
chrIII	3351340	3351490	0.0303 ATGGTGCATYG
chrIII	3371680	3371830	0.0303 ATGGTGCATYG
chrIII	3436280	3436430	0.0303 ATGGTGCATYG
chrIII	3482460	3482591	0.0303 ATGGTGCATYG
chrIV	10114940	10115090	0.0303 ATGGTGCATYG
chrIV	13333140	13333290	0.0303 ATGGTGCATYG
chrIV	1376960	1377110	0.0303 ATGGTGCATYG
chrIV	16894220	16894370	0.0303 ATGGTGCATYG
chrIV	3765200	3765350	0.0303 ATGGTGCATYG
chrIV	4118073	4118129	0.0303 ATGGTGCATYG
chrIV	6012280	6012430	0.0303 ATGGTGCATYG
chrV	16819680	16819830	0.0303 ATGGTGCATYG
chrV	17794820	17794909	0.0303 ATGGTGCATYG
chrV	18402860	18403010	0.0303 ATGGTGCATYG
chrV	9826440	9826590	0.0303 ATGGTGCATYG
chrX	15972620	15972770	0.0303 ATGGTGCATYG
chrX	15976600	15976750	0.0303 ATGGTGCATYG
chrX	16681540	16681690	0.0303 ATGGTGCATYG
chrX	1669540	1669690	0.0303 ATGGTGCATYG
chrX	9395420	9395570	0.0303 ATGGTGCATYG
chrI	11631344	11631470	0.0395 CAACGATGCTC
chrI	12214680	12214830	0.0395 CAACGATGCTC
chrI	15014300	15014450	0.0395 CAACGATGCTC
chrI	15014540	15014690	0.0395 CAACGATGCTC
chrI	2487920	2488070	0.0395 CAACGATGCTC
chrI	2916440	2916590	0.0395 CAACGATGCTC
chrI	2996100	2996250	0.0395 CAACGATGCTC
chrI	3074320	3074470	0.0395 CAACGATGCTC
chrI	4185640	4185790	0.0395 CAACGATGCTC
chrI	902040	902190	0.0395 CAACGATGCTC
chrII	11534600	11534750	0.0395 CAACGATGCTC
chrII	11985180	11985330	0.0395 CAACGATGCTC
chrII	12002940	12003090	0.0395 CAACGATGCTC
chrII	4584060	4584210	0.0395 CAACGATGCTC
chrII	7475200	7475350	0.0395 CAACGATGCTC
chrIII	13155480	13155630	0.0395 CAACGATGCTC
chrIII	13644840	13644990	0.0395 CAACGATGCTC
chrIII	7940931	7941060	0.0395 CAACGATGCTC
chrIV	11179000	11179150	0.0395 CAACGATGCTC
chrIV	12621560	12621710	0.0395 CAACGATGCTC
chrIV	12621760	12621910	0.0395 CAACGATGCTC
chrIV	15199640	15199790	0.0395 CAACGATGCTC
chrIV	1659160	1659310	0.0395 CAACGATGCTC

chrIV	16853500	16853650	0.0395	CAACGATGCTC
chrIV	17284820	17284970	0.0395	CAACGATGCTC
chrIV	17345000	17345150	0.0395	CAACGATGCTC
chrV	10808940	10809090	0.0395	CAACGATGCTC
chrV	15771080	15771230	0.0395	CAACGATGCTC
chrX	256940	257090	0.0395	CAACGATGCTC
chrX	4080740	4080890	0.0395	CAACGATGCTC
chrI	12512520	12512670	0.0233	CAAGTGCGCYC
chrI	12513980	12514130	0.0233	CAAGTGCGCYC
chrI	13181260	13181321	0.0233	CAAGTGCGCYC
chrI	13588860	13589010	0.0233	CAAGTGCGCYC
chrI	14326880	14327029	0.0233	CAAGTGCGCYC
chrI	14543840	14543990	0.0325	CAAGTGCGCYC
chrI	2719300	2719450	0.0325	CAAGTGCGCYC
chrI	315160	315310	0.0233	CAAGTGCGCYC
chrI	3741240	3741390	0.0233	CAAGTGCGCYC
chrI	485020	485153	0.0233	CAAGTGCGCYC
chrI	5999240	5999350	0.0488	CAAGTGCGCYC
chrI	9111680	9111830	0.0233	CAAGTGCGCYC
chrII	11967560	11967710	0.0233	CAAGTGCGCYC
chrII	12042060	12042210	0.0233	CAAGTGCGCYC
chrII	14050620	14050770	0.0325	CAAGTGCGCYC
chrII	1495082	1495210	0.0233	CAAGTGCGCYC
chrII	1496687	1496830	0.0233	CAAGTGCGCYC
chrII	2480680	2480830	0.0233	CAAGTGCGCYC
chrII	9057300	9057450	0.0233	CAAGTGCGCYC
chrII	9624200	9624350	0.0233	CAAGTGCGCYC
chrIII	10123640	10123790	0.0233	CAAGTGCGCYC
chrIII	1080640	1080790	0.0233	CAAGTGCGCYC
chrIII	11505277	11505370	0.0233	CAAGTGCGCYC
chrIII	1202240	1202390	0.0233	CAAGTGCGCYC
chrIII	207920	208070	0.0325	CAAGTGCGCYC
chrIII	2477480	2477605	0.0325	CAAGTGCGCYC
chrIII	2785993	2786110	0.0233	CAAGTGCGCYC
chrIII	3459753	3459821	0.0233	CAAGTGCGCYC
chrIII	545114	545190	0.0325	CAAGTGCGCYC
chrIII	552540	552690	0.0233	CAAGTGCGCYC
chrIII	6348660	6348810	0.0488	CAAGTGCGCYC
chrIII	9110960	9111110	0.0233	CAAGTGCGCYC
chrIII	9483740	9483890	0.0233	CAAGTGCGCYC
chrIII	9521760	9521910	0.0325	CAAGTGCGCYC
chrIV	1104060	1104210	0.0233	CAAGTGCGCYC
chrIV	13240651	13240710	0.0233	CAAGTGCGCYC
chrIV	1328920	1329070	0.0233	CAAGTGCGCYC
chrIV	13504040	13504190	0.0233	CAAGTGCGCYC
chrIV	15471488	15471610	0.0233	CAAGTGCGCYC
chrIV	1878240	1878390	0.0325	CAAGTGCGCYC

chrIV	1949237	1949310	0.0233	CAAGTGCGCYC
chrIV	1997920	1998070	0.0233	CAAGTGCGCYC
chrIV	2001460	2001610	0.0325	CAAGTGCGCYC
chrIV	2308341	2308410	0.0233	CAAGTGCGCYC
chrIV	2311620	2311770	0.0233	CAAGTGCGCYC
chrIV	2385020	2385170	0.0233	CAAGTGCGCYC
chrIV	3218300	3218450	0.0233	CAAGTGCGCYC
chrIV	4130000	4130150	0.0325	CAAGTGCGCYC
chrV	14185623	14185730	0.0233	CAAGTGCGCYC
chrV	15002195	15002310	0.0233	CAAGTGCGCYC
chrV	17871180	17871330	0.0325	CAAGTGCGCYC
chrV	20505460	20505610	0.0233	CAAGTGCGCYC
chrV	20513740	20513890	0.0233	CAAGTGCGCYC
chrV	8007820	8007970	0.0325	CAAGTGCGCYC
chrX	10391280	10391430	0.0233	CAAGTGCGCYC
chrX	12282940	12283090	0.0233	CAAGTGCGCYC
chrX	14868540	14868690	0.0233	CAAGTGCGCYC
chrX	17392160	17392310	0.0233	CAAGTGCGCYC
chrX	1915200	1915265	0.0325	CAAGTGCGCYC
chrX	3009220	3009370	0.0325	CAAGTGCGCYC
chrX	7100400	7100550	0.0233	CAAGTGCGCYC
chrI	9428280	9428430	0.0266	CATAGCTTCCG
chrII	1126260	1126323	0.0266	CATAGCTTCCG
chrII	1127300	1127384	0.0266	CATAGCTTCCG
chrII	1132486	1132570	0.0266	CATAGCTTCCG
chrII	1492040	1492190	0.0266	CATAGCTTCCG
chrII	1495893	1495970	0.0266	CATAGCTTCCG
chrII	2467015	2467130	0.0266	CATAGCTTCCG
chrII	2477363	2477470	0.0266	CATAGCTTCCG
chrII	2514480	2514560	0.0266	CATAGCTTCCG
chrII	270667	270730	0.0266	CATAGCTTCCG
chrII	279898	280030	0.0266	CATAGCTTCCG
chrII	291520	291574	0.0266	CATAGCTTCCG
chrIII	11246640	11246790	0.0266	CATAGCTTCCG
chrIII	11295280	11295430	0.0266	CATAGCTTCCG
chrIII	1469270	1469390	0.0266	CATAGCTTCCG
chrIII	1487841	1487970	0.0266	CATAGCTTCCG
chrIII	1497900	1498050	0.0266	CATAGCTTCCG
chrIII	1505080	1505230	0.0266	CATAGCTTCCG
chrIII	1511180	1511330	0.0266	CATAGCTTCCG
chrIII	1556860	1557010	0.0266	CATAGCTTCCG
chrIII	1562120	1562270	0.0266	CATAGCTTCCG
chrIII	1566260	1566410	0.0266	CATAGCTTCCG
chrIII	1569620	1569756	0.0266	CATAGCTTCCG
chrIII	1847460	1847610	0.0266	CATAGCTTCCG
chrIII	1848320	1848470	0.0266	CATAGCTTCCG
chrIII	1903740	1903890	0.0266	CATAGCTTCCG

chrIII	2195820	2195970	0.0266 CATAGCTTCCG
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chrIII	2345140	2345290	0.0266 CATAGCTTCCG
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chrIII	2355180	2355292	0.0266 CATAGCTTCCG
chrIII	2377820	2377970	0.0266 CATAGCTTCCG
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chrIII	2860160	2860309	0.0266 CATAGCTTCCG
chrIV	1506820	1506944	0.0266 CATAGCTTCCG
chrV	17874260	17874403	0.0266 CATAGCTTCCG
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chrV	17926940	17927090	0.0266 CATAGCTTCCG
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chrV	17992260	17992410	0.0266 CATAGCTTCCG
chrV	17993900	17994050	0.0266 CATAGCTTCCG
chrV	18097580	18097730	0.0266 CATAGCTTCCG
chrV	18102960	18103078	0.0266 CATAGCTTCCG
chrX	15852820	15852935	0.0266 CATAGCTTCCG
chrX	52340	52490	0.0266 CATAGCTTCCG
chrI	1000920	1001070	0.037 CAYAYACA
chrI	10036320	10036470	0.037 CAYAYACA
chrI	10169340	10169490	0.037 CAYAYACA
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chrI	10755400	10755550	0.037 CAYAYACA
chrI	10762240	10762390	0.037 CAYAYACA
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chrI	10971880	10972023	0.037 CAYAYACA
chrI	1099080	1099230	0.037 CAYAYACA
chrI	11101100	11101250	0.037 CAYAYACA
chrI	11112200	11112350	0.037 CAYAYACA
chrI	11131540	11131690	0.037 CAYAYACA
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chrI	13501000	13501150	0.037	CAYAYACA
chrI	14058880	14059030	0.037	CAYAYACA
chrI	14188960	14189110	0.037	CAYAYACA
chrI	14391560	14391710	0.037	CAYAYACA
chrI	1444300	1444450	0.037	CAYAYACA
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chrI	4643280	4643430	0.037 CAYAYACA
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chrI	4699500	4699650	0.037 CAYAYACA
chrI	4798540	4798690	0.037 CAYAYACA
chrI	4914300	4914450	0.037 CAYAYACA
chrI	4918200	4918350	0.037 CAYAYACA
chrI	4936080	4936230	0.037 CAYAYACA
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chrI	5722360	5722510	0.037 CAYAYACA
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chrI	7138520	7138670	0.037 CAYAYACA
chrI	7267079	7267210	0.037 CAYAYACA
chrI	7315780	7315930	0.037 CAYAYACA
chrI	7381080	7381230	0.037 CAYAYACA
chrI	7384040	7384190	0.037 CAYAYACA
chrI	7475100	7475250	0.037 CAYAYACA
chrI	7479220	7479370	0.037 CAYAYACA
chrI	7518680	7518830	0.037 CAYAYACA
chrI	7596360	7596507	0.037 CAYAYACA
chrI	7611800	7611950	0.037 CAYAYACA
chrI	7710060	7710210	0.037 CAYAYACA
chrI	788120	788270	0.037 CAYAYACA
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chrI	8308940	8309090	0.037 CAYAYACA
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chrX	2362820	2362970	0.037	CAYAYACA
chrX	239420	239570	0.037	CAYAYACA
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chrX	2515580	2515730	0.037	CAYAYACA
chrX	2591700	2591850	0.037	CAYAYACA
chrX	2628100	2628150	0.037	CAYAYACA
chrX	2675220	2675370	0.037	CAYAYACA
chrX	2675780	2675930	0.037	CAYAYACA
chrX	2729160	2729310	0.037	CAYAYACA
chrX	2774693	2774750	0.037	CAYAYACA
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chrX	2877680	2877830	0.037	CAYAYACA
chrX	2885400	2885550	0.037	CAYAYACA
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chrX	2924320	2924470	0.037	CAYAYACA
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chrX	3067140	3067290	0.037 CAYAYACA
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chrX	3898800	3898950	0.037 CAYAYACA
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chrX	5658080	5658230	0.037 CAYAYACA
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chrX	7173320	7173470	0.037 CAYAYACA
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chrX	7478480	7478630	0.037 CAYAYACA
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chrX	908140	908290	0.037 CAYAYACA
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chrX	9226500	9226650	0.037 CAYAYACA
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chrII	11277500	11277650	0.0482 CCACGCAGGY
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chrIII	121280	121430	0.0482 CCACGCAGGY
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chrIII	7670460	7670587	0.0482 CCACGCAGGY
chrIV	11467940	11468090	0.0482 CCACGCAGGY
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chrIV	6483700	6483850	0.0482	CCACGCAGGY
chrIV	7915660	7915810	0.0482	CCACGCAGGY
chrV	259720	259870	0.0482	CCACGCAGGY
chrV	3740240	3740390	0.0482	CCACGCAGGY
chrX	1284940	1285090	0.0482	CCACGCAGGY
chrX	1285863	1285990	0.0482	CCACGCAGGY
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chrV	18806980	18807130	0.0133	CCACTGMGCCA
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chrV	20126120	20126270	0.0184	CCACTGMGCCA
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chrII	1425140	1425290	0.0345	CCATTTTAGAG
chrII	14953780	14953930	0.0345	CCATTTTAGAG
chrII	15049100	15049250	0.0345	CCATTTTAGAG
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chrII	7479020	7479167	0.0141	CCCARTTGGACA
chrIII	12970280	12970430	0.0141	CCCARTTGGACA
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chrV	10341120	10341270	0.0141 CCCARTTGGACA
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chrV	11504873	11504970	0.0141 CCCARTTGGACA
chrV	13115840	13115990	0.0153 CCCARTTGGACA
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chrI	13854420	13854570	0.02 CCCCCGAGTTS
chrI	1825967	1826070	0.0212 CCCCCGAGTTS
chrI	1825967	1826070	0.02 CCCCCGAGTTS
chrI	315980	316130	0.02 CCCCCGAGTTS
chrI	3866880	3867030	0.02 CCCCCGAGTTS
chrI	4382320	4382470	0.0212 CCCCCGAGTTS
chrI	4537100	4537250	0.0212 CCCCCGAGTTS
chrI	4537100	4537250	0.02 CCCCCGAGTTS
chrI	6573340	6573490	0.0212 CCCCCGAGTTS
chrI	6573340	6573490	0.02 CCCCCGAGTTS
chrI	7331020	7331170	0.0212 CCCCCGAGTTS
chrI	7331020	7331170	0.02 CCCCCGAGTTS
chrI	7935720	7935870	0.0212 CCCCCGAGTTS
chrI	7935720	7935870	0.02 CCCCCGAGTTS
chrI	7936000	7936150	0.0212 CCCCCGAGTTS
chrI	7936000	7936150	0.02 CCCCCGAGTTS
chrI	8757900	8758050	0.0212 CCCCCGAGTTS
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chrI	8789520	8789670	0.0212 CCCCCGAGTTS
chrI	8808050	8808190	0.02 CCCCCGAGTTS
chrI	9080700	9080850	0.0212 CCCCCGAGTTS
chrI	9307400	9307550	0.02 CCCCCGAGTTS
chrII	11695760	11695910	0.0212 CCCCCGAGTTS
chrII	11695760	11695910	0.02 CCCCCGAGTTS
chrII	12668200	12668350	0.02 CCCCCGAGTTS
chrII	13575580	13575730	0.0212 CCCCCGAGTTS
chrII	2042160	2042310	0.0212 CCCCCGAGTTS
chrII	6268580	6268730	0.0212 CCCCCGAGTTS
chrII	6268580	6268730	0.02 CCCCCGAGTTS
chrII	6269840	6269990	0.0212 CCCCCGAGTTS

chrII	6269840	6269990	0.02	CCCCCGAGTTS
chrII	7353100	7353250	0.0212	CCCCCGAGTTS
chrII	7479020	7479167	0.0212	CCCCCGAGTTS
chrII	7479020	7479167	0.02	CCCCCGAGTTS
chrIII	10320320	10320470	0.0212	CCCCCGAGTTS
chrIII	11455460	11455610	0.02	CCCCCGAGTTS
chrIII	12970280	12970430	0.0212	CCCCCGAGTTS
chrIII	12970280	12970430	0.02	CCCCCGAGTTS
chrIII	13497200	13497350	0.0212	CCCCCGAGTTS
chrIII	13497200	13497350	0.02	CCCCCGAGTTS
chrIII	4922180	4922330	0.0212	CCCCCGAGTTS
chrIII	4922180	4922330	0.02	CCCCCGAGTTS
chrIII	7386580	7386730	0.0212	CCCCCGAGTTS
chrIV	12490100	12490250	0.0212	CCCCCGAGTTS
chrIV	12490100	12490250	0.02	CCCCCGAGTTS
chrIV	12490320	12490470	0.0212	CCCCCGAGTTS
chrIV	12490320	12490470	0.02	CCCCCGAGTTS
chrIV	13499880	13500030	0.0212	CCCCCGAGTTS
chrIV	13499880	13500030	0.02	CCCCCGAGTTS
chrIV	13503780	13503930	0.02	CCCCCGAGTTS
chrIV	4042040	4042190	0.02	CCCCCGAGTTS
chrIV	5089760	5089910	0.02	CCCCCGAGTTS
chrIV	7144960	7145110	0.0333	CCCCCGAGTTS
chrIV	7947000	7947150	0.02	CCCCCGAGTTS
chrIV	7948360	7948510	0.0212	CCCCCGAGTTS
chrIV	9249100	9249250	0.02	CCCCCGAGTTS
chrIV	9249320	9249470	0.0212	CCCCCGAGTTS
chrIV	9249320	9249470	0.02	CCCCCGAGTTS
chrIV	9524280	9524430	0.0212	CCCCCGAGTTS
chrIV	9524280	9524430	0.02	CCCCCGAGTTS
chrIV	9856520	9856670	0.0212	CCCCCGAGTTS
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chrV	10341120	10341270	0.0212	CCCCCGAGTTS
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chrV	10341340	10341490	0.0212	CCCCCGAGTTS
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chrV	10657920	10658070	0.0212	CCCCCGAGTTS
chrV	11504873	11504970	0.02	CCCCCGAGTTS
chrV	11505140	11505290	0.02	CCCCCGAGTTS
chrV	13115840	13115990	0.02	CCCCCGAGTTS
chrV	13115840	13115990	0.0333	CCCCCGAGTTS
chrV	13438140	13438290	0.0212	CCCCCGAGTTS
chrV	13438140	13438290	0.02	CCCCCGAGTTS
chrV	13727560	13727710	0.0212	CCCCCGAGTTS
chrV	13727560	13727710	0.02	CCCCCGAGTTS
chrV	5047280	5047430	0.0212	CCCCCGAGTTS
chrV	5049360	5049510	0.02	CCCCCGAGTTS

chrV	9980769	9980890	0.0212	CCCCCGAGTTS
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chrI	12084480	12084630	0.0151	CCGGWCGTCCG
chrI	14632220	14632370	0.019	CCGGWCGTCCG
chrI	2778120	2778270	0.019	CCGGWCGTCCG
chrI	2778440	2778517	0.0151	CCGGWCGTCCG
chrI	2778440	2778517	0.019	CCGGWCGTCCG
chrI	4124000	4124150	0.0151	CCGGWCGTCCG
chrI	8761200	8761350	0.0151	CCGGWCGTCCG
chrI	8761200	8761350	0.019	CCGGWCGTCCG
chrII	2682480	2682630	0.0151	CCGGWCGTCCG
chrII	2682480	2682630	0.019	CCGGWCGTCCG
chrII	2682480	2682630	0.0425	CCGGWCGTCCG
chrII	3634800	3634950	0.019	CCGGWCGTCCG
chrIII	10242471	10242610	0.0151	CCGGWCGTCCG
chrIII	10242471	10242610	0.019	CCGGWCGTCCG
chrIII	10576180	10576330	0.0151	CCGGWCGTCCG
chrIII	10576180	10576330	0.019	CCGGWCGTCCG
chrIII	3433540	3433690	0.0265	CCGGWCGTCCG
chrIII	9697300	9697450	0.0425	CCGGWCGTCCG
chrIV	1061760	1061910	0.0151	CCGGWCGTCCG
chrIV	1061760	1061910	0.019	CCGGWCGTCCG
chrIV	14377340	14377490	0.019	CCGGWCGTCCG
chrIV	14932780	14932930	0.019	CCGGWCGTCCG
chrIV	15688360	15688510	0.0151	CCGGWCGTCCG
chrIV	15688360	15688510	0.019	CCGGWCGTCCG
chrIV	15688600	15688750	0.019	CCGGWCGTCCG
chrIV	15692740	15692890	0.0151	CCGGWCGTCCG
chrIV	15692740	15692890	0.019	CCGGWCGTCCG
chrIV	15853780	15853930	0.0151	CCGGWCGTCCG
chrIV	15862820	15862970	0.0151	CCGGWCGTCCG
chrIV	15862820	15862970	0.019	CCGGWCGTCCG
chrIV	16209440	16209590	0.0151	CCGGWCGTCCG
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chrIV	16233244	16233370	0.0151	CCGGWCGTCCG
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chrIV	16553140	16553290	0.0151	CCGGWCGTCCG
chrIV	16553140	16553290	0.019	CCGGWCGTCCG
chrIV	16571380	16571530	0.0151	CCGGWCGTCCG
chrIV	17222300	17222450	0.0151	CCGGWCGTCCG
chrIV	17222300	17222450	0.019	CCGGWCGTCCG
chrIV	5950060	5950210	0.0151	CCGGWCGTCCG
chrIV	5950060	5950210	0.019	CCGGWCGTCCG
chrV	13992000	13992150	0.0151	CCGGWCGTCCG
chrV	13992000	13992150	0.019	CCGGWCGTCCG
chrV	14396340	14396490	0.0151	CCGGWCGTCCG
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chrV	16471760	16471910	0.019	CCGGWCGTCCG
chrV	17032120	17032270	0.019	CCGGWCGTCCG
chrV	2406600	2406750	0.0151	CCGGWCGTCCG
chrV	251400	251550	0.0151	CCGGWCGTCCG
chrV	2514880	2515030	0.0151	CCGGWCGTCCG
chrV	6657840	6657990	0.0151	CCGGWCGTCCG
chrV	6657840	6657990	0.019	CCGGWCGTCCG
chrX	10280440	10280590	0.0151	CCGGWCGTCCG
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chrX	11993100	11993250	0.0151	CCGGWCGTCCG
chrX	14410040	14410190	0.019	CCGGWCGTCCG
chrI	1331980	1332130	0.0383	CCTSTAGCGCG
chrI	13892040	13892190	0.0383	CCTSTAGCGCG
chrI	13894500	13894650	0.0383	CCTSTAGCGCG
chrI	2371880	2372030	0.0383	CCTSTAGCGCG
chrI	2372340	2372490	0.0383	CCTSTAGCGCG
chrII	1912220	1912370	0.0383	CCTSTAGCGCG
chrII	2322140	2322290	0.0383	CCTSTAGCGCG
chrII	3290120	3290270	0.0383	CCTSTAGCGCG
chrIII	10139720	10139870	0.0383	CCTSTAGCGCG
chrIII	2080840	2080990	0.0383	CCTSTAGCGCG
chrIII	2082360	2082510	0.0383	CCTSTAGCGCG
chrIV	1430860	1431010	0.0383	CCTSTAGCGCG
chrIV	2820040	2820190	0.0383	CCTSTAGCGCG
chrV	19977040	19977190	0.0383	CCTSTAGCGCG
chrX	14378500	14378650	0.0383	CCTSTAGCGCG
chrX	14384480	14384630	0.0383	CCTSTAGCGCG
chrX	14443920	14444070	0.0383	CCTSTAGCGCG
chrX	16060380	16060530	0.0383	CCTSTAGCGCG
chrX	16060800	16060950	0.0383	CCTSTAGCGCG
chrX	2992040	2992190	0.0383	CCTSTAGCGCG
chrX	2992320	2992470	0.0383	CCTSTAGCGCG
chrX	2994180	2994330	0.0383	CCTSTAGCGCG
chrX	2995080	2995230	0.0383	CCTSTAGCGCG
chrI	1664820	1664970	0.0486	CCTYGTGATCC
chrI	3746280	3746430	0.0486	CCTYGTGATCC
chrI	3746940	3747090	0.0486	CCTYGTGATCC
chrI	5975120	5975270	0.0486	CCTYGTGATCC
chrI	5977280	5977430	0.0486	CCTYGTGATCC
chrI	676640	676790	0.0486	CCTYGTGATCC
chrII	11229780	11229930	0.0486	CCTYGTGATCC
chrII	11230200	11230350	0.0486	CCTYGTGATCC
chrII	11527980	11528130	0.0486	CCTYGTGATCC
chrII	11530100	11530250	0.0486	CCTYGTGATCC
chrII	14073860	14074010	0.0486	CCTYGTGATCC
chrII	6082140	6082290	0.0486	CCTYGTGATCC
chrIII	2496800	2496950	0.0486	CCTYGTGATCC

chrIII	7602300	7602450	0.0486	CCTYGTGATCC
chrIII	7603040	7603190	0.0486	CCTYGTGATCC
chrIV	349920	350070	0.0486	CCTYGTGATCC
chrIV	8256040	8256190	0.0486	CCTYGTGATCC
chrIV	8258280	8258430	0.0486	CCTYGTGATCC
chrV	14348280	14348430	0.0486	CCTYGTGATCC
chrV	9854880	9855030	0.0486	CCTYGTGATCC
chrX	8807960	8808110	0.0486	CCTYGTGATCC
chrI	10462660	10462810	0.0311	CGAAGGATCAC
chrI	12840200	12840350	0.0311	CGAAGGATCAC
chrI	3746280	3746430	0.0311	CGAAGGATCAC
chrI	3746940	3747090	0.0311	CGAAGGATCAC
chrI	5975120	5975270	0.0311	CGAAGGATCAC
chrI	5975440	5975590	0.0311	CGAAGGATCAC
chrI	5977280	5977430	0.0311	CGAAGGATCAC
chrI	676640	676790	0.0311	CGAAGGATCAC
chrI	678860	679010	0.0311	CGAAGGATCAC
chrII	11230200	11230350	0.0311	CGAAGGATCAC
chrII	11530100	11530250	0.0311	CGAAGGATCAC
chrII	12122760	12122910	0.0311	CGAAGGATCAC
chrII	12749780	12749930	0.0311	CGAAGGATCAC
chrII	3938020	3938170	0.0311	CGAAGGATCAC
chrII	9102782	9102810	0.0311	CGAAGGATCAC
chrIII	10792240	10792390	0.0311	CGAAGGATCAC
chrIII	10792920	10793070	0.0311	CGAAGGATCAC
chrIII	1480540	1480690	0.0311	CGAAGGATCAC
chrIII	233080	233230	0.0311	CGAAGGATCAC
chrIII	2496800	2496950	0.0311	CGAAGGATCAC
chrIII	6685500	6685650	0.0311	CGAAGGATCAC
chrIII	7476900	7477050	0.0311	CGAAGGATCAC
chrIII	7602300	7602450	0.0311	CGAAGGATCAC
chrIII	7603040	7603190	0.0311	CGAAGGATCAC
chrIV	10658460	10658610	0.0311	CGAAGGATCAC
chrIV	11837920	11838070	0.0311	CGAAGGATCAC
chrIV	349920	350070	0.0311	CGAAGGATCAC
chrIV	8258280	8258430	0.0311	CGAAGGATCAC
chrIV	9764800	9764950	0.0311	CGAAGGATCAC
chrV	12373320	12373470	0.0311	CGAAGGATCAC
chrV	13239840	13239990	0.0311	CGAAGGATCAC
chrV	14348280	14348430	0.0311	CGAAGGATCAC
chrV	15767440	15767590	0.0311	CGAAGGATCAC
chrV	17958960	17959110	0.0311	CGAAGGATCAC
chrV	4632900	4633050	0.0311	CGAAGGATCAC
chrV	7548660	7548810	0.0311	CGAAGGATCAC
chrX	1234000	1234150	0.0311	CGAAGGATCAC
chrX	4115000	4115150	0.0311	CGAAGGATCAC
chrX	8807960	8808110	0.0311	CGAAGGATCAC

chrI	12331720	12331870	0.0403	CGCGCAAATGA
chrI	1347220	1347370	0.0403	CGCGCAAATGA
chrI	13820	13970	0.0403	CGCGCAAATGA
chrI	14594060	14594210	0.0403	CGCGCAAATGA
chrI	14594500	14594650	0.0403	CGCGCAAATGA
chrI	2017900	2018050	0.0403	CGCGCAAATGA
chrI	2018280	2018430	0.0403	CGCGCAAATGA
chrII	9382360	9382510	0.0403	CGCGCAAATGA
chrII	9382680	9382830	0.0403	CGCGCAAATGA
chrIII	10687780	10687930	0.0403	CGCGCAAATGA
chrIII	10739880	10740030	0.0403	CGCGCAAATGA
chrIII	11124940	11125090	0.0403	CGCGCAAATGA
chrIII	11134560	11134710	0.0403	CGCGCAAATGA
chrIII	11719452	11719570	0.0403	CGCGCAAATGA
chrIII	2582520	2582670	0.0403	CGCGCAAATGA
chrIII	5049000	5049150	0.0403	CGCGCAAATGA
chrIII	5283580	5283730	0.0403	CGCGCAAATGA
chrIII	7892700	7892850	0.0403	CGCGCAAATGA
chrIII	7952460	7952610	0.0403	CGCGCAAATGA
chrIV	1030840	1030990	0.0403	CGCGCAAATGA
chrIV	1031280	1031430	0.0403	CGCGCAAATGA
chrIV	11558500	11558650	0.0403	CGCGCAAATGA
chrIV	16912220	16912370	0.0403	CGCGCAAATGA
chrIV	2365840	2365990	0.0403	CGCGCAAATGA
chrIV	2366260	2366410	0.0403	CGCGCAAATGA
chrIV	2783120	2783270	0.0403	CGCGCAAATGA
chrV	13009440	13009590	0.0403	CGCGCAAATGA
chrV	14460200	14460350	0.0403	CGCGCAAATGA
chrX	13339900	13340050	0.0403	CGCGCAAATGA
chrX	13340320	13340470	0.0403	CGCGCAAATGA
chrX	6866720	6866870	0.0403	CGCGCAAATGA
chrX	8772480	8772630	0.0403	CGCGCAAATGA
chrI	10175260	10175410	0.031	CGGCMGCGGC
chrI	10755760	10755910	0.031	CGGCMGCGGC
chrI	10757100	10757250	0.031	CGGCMGCGGC
chrI	11197020	11197170	0.031	CGGCMGCGGC
chrI	11204600	11204750	0.031	CGGCMGCGGC
chrI	11629160	11629310	0.031	CGGCMGCGGC
chrI	11670160	11670310	0.031	CGGCMGCGGC
chrI	11773540	11773690	0.031	CGGCMGCGGC
chrI	11773880	11774030	0.031	CGGCMGCGGC
chrI	13547320	13547470	0.031	CGGCMGCGGC
chrI	14046940	14047090	0.0397	CGGCMGCGGC
chrI	14289220	14289370	0.0397	CGGCMGCGGC
chrI	14615660	14615810	0.031	CGGCMGCGGC
chrI	14620320	14620388	0.031	CGGCMGCGGC
chrI	14863560	14863710	0.031	CGGCMGCGGC

chrI	1598440	1598590	0.031	CGGCMGCGGC
chrI	1669840	1669990	0.031	CGGCMGCGGC
chrI	1807920	1808070	0.031	CGGCMGCGGC
chrI	1813266	1813390	0.031	CGGCMGCGGC
chrI	2155940	2156090	0.031	CGGCMGCGGC
chrI	2332100	2332250	0.031	CGGCMGCGGC
chrI	2708320	2708470	0.031	CGGCMGCGGC
chrI	2709540	2709690	0.031	CGGCMGCGGC
chrI	3102040	3102190	0.031	CGGCMGCGGC
chrI	3112360	3112510	0.031	CGGCMGCGGC
chrI	3375700	3375850	0.031	CGGCMGCGGC
chrI	3639060	3639210	0.031	CGGCMGCGGC
chrI	3762620	3762770	0.031	CGGCMGCGGC
chrI	449580	449730	0.031	CGGCMGCGGC
chrI	5127520	5127670	0.031	CGGCMGCGGC
chrI	5377500	5377650	0.031	CGGCMGCGGC
chrI	5412520	5412670	0.031	CGGCMGCGGC
chrI	5785940	5786090	0.031	CGGCMGCGGC
chrI	6398180	6398330	0.031	CGGCMGCGGC
chrI	693280	693430	0.031	CGGCMGCGGC
chrI	7217380	7217530	0.031	CGGCMGCGGC
chrI	7416180	7416330	0.031	CGGCMGCGGC
chrI	7895300	7895450	0.031	CGGCMGCGGC
chrI	798380	798530	0.031	CGGCMGCGGC
chrI	824762	824850	0.031	CGGCMGCGGC
chrI	881860	882010	0.031	CGGCMGCGGC
chrI	881860	882010	0.0397	CGGCMGCGGC
chrI	9085920	9086070	0.031	CGGCMGCGGC
chrI	983100	983250	0.031	CGGCMGCGGC
chrII	10383640	10383790	0.031	CGGCMGCGGC
chrII	10762440	10762590	0.031	CGGCMGCGGC
chrII	11167220	11167370	0.031	CGGCMGCGGC
chrII	11335940	11336090	0.0397	CGGCMGCGGC
chrII	11556440	11556590	0.031	CGGCMGCGGC
chrII	11838240	11838390	0.031	CGGCMGCGGC
chrII	1237980	1238130	0.0397	CGGCMGCGGC
chrII	12441620	12441770	0.031	CGGCMGCGGC
chrII	12460263	12460310	0.031	CGGCMGCGGC
chrII	12702880	12703030	0.031	CGGCMGCGGC
chrII	13152644	13152790	0.031	CGGCMGCGGC
chrII	13456720	13456870	0.031	CGGCMGCGGC
chrII	13668900	13669050	0.031	CGGCMGCGGC
chrII	14012280	14012395	0.0397	CGGCMGCGGC
chrII	14022320	14022470	0.031	CGGCMGCGGC
chrII	14046460	14046610	0.031	CGGCMGCGGC
chrII	14061032	14061085	0.031	CGGCMGCGGC
chrII	14095960	14096110	0.031	CGGCMGCGGC

chrII	14534780	14534882	0.031	CGGCMGCGGC
chrII	14567920	14568070	0.031	CGGCMGCGGC
chrII	14684296	14684410	0.031	CGGCMGCGGC
chrII	14700240	14700390	0.031	CGGCMGCGGC
chrII	147620	147739	0.031	CGGCMGCGGC
chrII	2518620	2518770	0.031	CGGCMGCGGC
chrII	2705316	2705390	0.031	CGGCMGCGGC
chrII	4162700	4162850	0.031	CGGCMGCGGC
chrII	4572720	4572870	0.031	CGGCMGCGGC
chrII	505500	505650	0.031	CGGCMGCGGC
chrII	510920	511070	0.031	CGGCMGCGGC
chrII	6009040	6009190	0.031	CGGCMGCGGC
chrII	6256640	6256790	0.031	CGGCMGCGGC
chrII	7623540	7623690	0.031	CGGCMGCGGC
chrII	8128780	8128930	0.031	CGGCMGCGGC
chrIII	10253340	10253464	0.031	CGGCMGCGGC
chrIII	10517760	10517910	0.031	CGGCMGCGGC
chrIII	10672760	10672848	0.0397	CGGCMGCGGC
chrIII	10784060	10784210	0.031	CGGCMGCGGC
chrIII	11055040	11055190	0.031	CGGCMGCGGC
chrIII	11187280	11187430	0.031	CGGCMGCGGC
chrIII	11691200	11691293	0.031	CGGCMGCGGC
chrIII	11828600	11828725	0.031	CGGCMGCGGC
chrIII	12614240	12614390	0.031	CGGCMGCGGC
chrIII	12794460	12794610	0.031	CGGCMGCGGC
chrIII	13091720	13091870	0.031	CGGCMGCGGC
chrIII	13741020	13741170	0.031	CGGCMGCGGC
chrIII	1424360	1424510	0.031	CGGCMGCGGC
chrIII	1436900	1437050	0.031	CGGCMGCGGC
chrIII	1741740	1741890	0.031	CGGCMGCGGC
chrIII	1962540	1962690	0.031	CGGCMGCGGC
chrIII	2535320	2535470	0.031	CGGCMGCGGC
chrIII	2871960	2872110	0.031	CGGCMGCGGC
chrIII	3384280	3384430	0.031	CGGCMGCGGC
chrIII	4070220	4070370	0.031	CGGCMGCGGC
chrIII	4731440	4731590	0.031	CGGCMGCGGC
chrIII	4951280	4951430	0.031	CGGCMGCGGC
chrIII	510833	510970	0.031	CGGCMGCGGC
chrIII	5129960	5130110	0.031	CGGCMGCGGC
chrIII	5964560	5964710	0.031	CGGCMGCGGC
chrIII	6989980	6990130	0.031	CGGCMGCGGC
chrIII	7661180	7661330	0.031	CGGCMGCGGC
chrIII	8531580	8531730	0.031	CGGCMGCGGC
chrIII	895100	895167	0.031	CGGCMGCGGC
chrIII	9699420	9699570	0.031	CGGCMGCGGC
chrIV	10499820	10499970	0.031	CGGCMGCGGC
chrIV	1068960	1069110	0.031	CGGCMGCGGC

chrIV	1108240	1108390	0.031	CGGCMGCGGC
chrIV	1126240	1126390	0.0397	CGGCMGCGGC
chrIV	11821980	11822130	0.031	CGGCMGCGGC
chrIV	12094000	12094150	0.031	CGGCMGCGGC
chrIV	13126160	13126310	0.031	CGGCMGCGGC
chrIV	13129460	13129610	0.031	CGGCMGCGGC
chrIV	13135080	13135230	0.031	CGGCMGCGGC
chrIV	13333140	13333290	0.031	CGGCMGCGGC
chrIV	13695760	13695910	0.031	CGGCMGCGGC
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chrIV	16389420	16389570	0.031	CGGCMGCGGC
chrIV	1649840	1649990	0.031	CGGCMGCGGC
chrIV	16861725	16861830	0.031	CGGCMGCGGC
chrIV	1798940	1799090	0.031	CGGCMGCGGC
chrIV	1822460	1822610	0.0397	CGGCMGCGGC
chrIV	2217260	2217410	0.031	CGGCMGCGGC
chrIV	2800640	2800790	0.0397	CGGCMGCGGC
chrIV	3613080	3613230	0.031	CGGCMGCGGC
chrIV	3634480	3634630	0.031	CGGCMGCGGC
chrIV	4027120	4027270	0.031	CGGCMGCGGC
chrIV	502780	502930	0.031	CGGCMGCGGC
chrIV	614880	615030	0.031	CGGCMGCGGC
chrIV	6366860	6367010	0.031	CGGCMGCGGC
chrIV	7235520	7235670	0.0397	CGGCMGCGGC
chrIV	7659560	7659710	0.031	CGGCMGCGGC
chrIV	81100	81250	0.031	CGGCMGCGGC
chrIV	9366506	9366650	0.031	CGGCMGCGGC
chrV	12039820	12039970	0.031	CGGCMGCGGC
chrV	12466780	12466930	0.031	CGGCMGCGGC
chrV	1264440	1264590	0.0397	CGGCMGCGGC
chrV	12976820	12976970	0.0397	CGGCMGCGGC
chrV	13172340	13172490	0.031	CGGCMGCGGC
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chrV	14132500	14132650	0.031	CGGCMGCGGC
chrV	14618860	14619010	0.031	CGGCMGCGGC
chrV	15344620	15344770	0.031	CGGCMGCGGC
chrV	15828020	15828170	0.031	CGGCMGCGGC
chrV	16028320	16028470	0.031	CGGCMGCGGC
chrV	16368880	16369030	0.031	CGGCMGCGGC
chrV	16377300	16377450	0.031	CGGCMGCGGC
chrV	16835260	16835410	0.031	CGGCMGCGGC
chrV	16916179	16916230	0.031	CGGCMGCGGC
chrV	19735460	19735610	0.031	CGGCMGCGGC
chrV	20413460	20413610	0.031	CGGCMGCGGC
chrV	20604680	20604830	0.031	CGGCMGCGGC
chrV	2066844	2066970	0.031	CGGCMGCGGC

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chrV	8326760	8326910	0.031	CGGCMGCGGC
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chrX	12123140	12123290	0.031	CGGCMGCGGC
chrX	12174300	12174450	0.031	CGGCMGCGGC
chrX	13208940	13209090	0.031	CGGCMGCGGC
chrX	13712160	13712310	0.031	CGGCMGCGGC
chrX	1383660	1383810	0.031	CGGCMGCGGC
chrX	14434460	14434610	0.0397	CGGCMGCGGC
chrX	14932100	14932250	0.031	CGGCMGCGGC
chrX	15275220	15275370	0.0397	CGGCMGCGGC
chrX	15879640	15879790	0.031	CGGCMGCGGC
chrX	16127020	16127170	0.031	CGGCMGCGGC
chrX	1678360	1678510	0.031	CGGCMGCGGC
chrX	16821760	16821910	0.031	CGGCMGCGGC
chrX	17505840	17505990	0.031	CGGCMGCGGC
chrX	17528183	17528290	0.031	CGGCMGCGGC
chrX	194100	194250	0.031	CGGCMGCGGC
chrX	2508200	2508350	0.031	CGGCMGCGGC
chrX	3218160	3218310	0.031	CGGCMGCGGC
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chrX	4550240	4550390	0.031	CGGCMGCGGC
chrX	4809400	4809550	0.031	CGGCMGCGGC
chrX	5336700	5336850	0.031	CGGCMGCGGC
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chrX	6140540	6140690	0.031	CGGCMGCGGC
chrX	6167300	6167450	0.031	CGGCMGCGGC
chrX	6216800	6216950	0.031	CGGCMGCGGC
chrX	6240360	6240510	0.031	CGGCMGCGGC
chrX	6699912	6699990	0.031	CGGCMGCGGC
chrX	7038180	7038330	0.031	CGGCMGCGGC
chrX	872060	872210	0.031	CGGCMGCGGC
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chrX	880580	880629	0.031	CGGCMGCGGC
chrX	974800	974950	0.031	CGGCMGCGGC
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chrI	10924020	10924170	0.0131	CGTAAATCBAC

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chrI	10930280	10930430	0.00999	CGTAAATCBAC
chrI	10934820	10934901	0.0221	CGTAAATCBAC
chrI	11072540	11072690	0.00999	CGTAAATCBAC
chrI	11439020	11439170	0.0316	CGTAAATCBAC
chrI	1156120	1156270	0.00999	CGTAAATCBAC
chrI	11577160	11577310	0.00999	CGTAAATCBAC
chrI	11796900	11797032	0.0165	CGTAAATCBAC
chrI	11862360	11862510	0.00999	CGTAAATCBAC
chrI	12003420	12003570	0.00999	CGTAAATCBAC
chrI	12003940	12004045	0.00999	CGTAAATCBAC
chrI	12048800	12048950	0.00999	CGTAAATCBAC
chrI	12049300	12049450	0.00999	CGTAAATCBAC
chrI	12774400	12774550	0.00999	CGTAAATCBAC
chrI	12903620	12903770	0.00999	CGTAAATCBAC
chrI	13278120	13278170	0.00999	CGTAAATCBAC
chrI	13296008	13296090	0.00999	CGTAAATCBAC
chrI	13346220	13346370	0.00999	CGTAAATCBAC
chrI	13359140	13359290	0.00999	CGTAAATCBAC
chrI	13363200	13363350	0.00999	CGTAAATCBAC
chrI	13391640	13391790	0.00999	CGTAAATCBAC
chrI	1440000	1440150	0.00999	CGTAAATCBAC
chrI	14518260	14518335	0.00999	CGTAAATCBAC
chrI	14554680	14554830	0.00999	CGTAAATCBAC
chrI	1842000	1842150	0.00999	CGTAAATCBAC
chrI	2313060	2313210	0.00999	CGTAAATCBAC
chrI	2319000	2319070	0.00999	CGTAAATCBAC
chrI	2413840	2413990	0.00999	CGTAAATCBAC
chrI	2536000	2536150	0.00999	CGTAAATCBAC
chrI	2536000	2536150	0.0131	CGTAAATCBAC
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chrI	259780	259930	0.00999	CGTAAATCBAC
chrI	3066180	3066330	0.00999	CGTAAATCBAC
chrI	367420	367570	0.00999	CGTAAATCBAC
chrI	3808180	3808330	0.00999	CGTAAATCBAC
chrI	4175020	4175170	0.00999	CGTAAATCBAC
chrI	4197900	4198050	0.00999	CGTAAATCBAC
chrI	4530440	4530590	0.00999	CGTAAATCBAC
chrI	4626340	4626465	0.0165	CGTAAATCBAC
chrI	4701840	4701990	0.0131	CGTAAATCBAC
chrI	5261720	5261870	0.00999	CGTAAATCBAC
chrI	5504080	5504230	0.00999	CGTAAATCBAC
chrI	7021420	7021570	0.00999	CGTAAATCBAC
chrI	7099705	7099790	0.00999	CGTAAATCBAC
chrI	7318900	7319050	0.00999	CGTAAATCBAC
chrI	8760220	8760370	0.00999	CGTAAATCBAC
chrI	9594780	9594930	0.00999	CGTAAATCBAC

chrI	9742060	9742210	0.00999	CGTAAATCBAC
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chrII	11652906	11652990	0.00999	CGTAAATCBAC
chrII	11994220	11994370	0.0131	CGTAAATCBAC
chrII	11994220	11994370	0.0165	CGTAAATCBAC
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chrII	13449760	13449910	0.00999	CGTAAATCBAC
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chrII	13737440	13737590	0.0131	CGTAAATCBAC
chrII	13737440	13737590	0.0165	CGTAAATCBAC
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chrII	15238880	15239030	0.0131	CGTAAATCBAC
chrII	161200	161350	0.00999	CGTAAATCBAC
chrII	1893220	1893370	0.00999	CGTAAATCBAC
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chrII	2513980	2514047	0.0131	CGTAAATCBAC
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chrII	3246940	3247090	0.0165	CGTAAATCBAC
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chrII	4241280	4241430	0.00999	CGTAAATCBAC
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chrII	4327560	4327710	0.00999	CGTAAATCBAC
chrII	4419540	4419690	0.00999	CGTAAATCBAC
chrII	4597340	4597490	0.00999	CGTAAATCBAC
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chrII	898751	898890	0.0165	CGTAAATCBAC
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chrIII	3461780	3461890	0.00999	CGTAAATCBAC
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chrIII	3626060	3626210	0.00999	CGTAAATCBAC
chrIII	3649036	3649150	0.00999	CGTAAATCBAC
chrIII	3707676	3707770	0.00999	CGTAAATCBAC
chrIII	3716360	3716510	0.00999	CGTAAATCBAC
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chrIV	12700660	12700810	0.00999	CGTAAATCBAC
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chrIV	14080540	14080690	0.00999	CGTAAATCBAC
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chrIV	1848620	1848770	0.00999	CGTAAATCBAC
chrIV	1949980	1950130	0.00999	CGTAAATCBAC
chrIV	1949980	1950130	0.0131	CGTAAATCBAC
chrIV	1950740	1950890	0.0131	CGTAAATCBAC
chrIV	1951800	1951950	0.0131	CGTAAATCBAC
chrIV	1952360	1952387	0.0165	CGTAAATCBAC
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chrIV	2156302	2156450	0.0165	CGTAAATCBAC
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chrIV	2462860	2463010	0.0221	CGTAAATCBAC
chrIV	2495220	2495370	0.0165	CGTAAATCBAC
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chrIV	2746280	2746329	0.0165	CGTAAATCBAC
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chrV	15062520	15062670	0.00999	CGTAAATCBAC
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chrV	15765140	15765264	0.00999	CGTAAATCBAC
chrV	16360820	16360970	0.00999	CGTAAATCBAC
chrV	16541657	16541730	0.00999	CGTAAATCBAC
chrV	16542720	16542870	0.00999	CGTAAATCBAC
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chrV	16790560	16790710	0.00999	CGTAAATCBAC
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chrV	24640	24788	0.00999	CGTAAATCBAC
chrV	2724840	2724990	0.00999	CGTAAATCBAC
chrV	372860	372992	0.0131	CGTAAATCBAC
chrV	5436200	5436350	0.00999	CGTAAATCBAC
chrV	6107600	6107750	0.0165	CGTAAATCBAC
chrV	8542440	8542590	0.0131	CGTAAATCBAC
chrV	9579520	9579670	0.00999	CGTAAATCBAC
chrV	982760	982910	0.00999	CGTAAATCBAC
chrX	11957040	11957190	0.0221	CGTAAATCBAC
chrX	13396600	13396750	0.0131	CGTAAATCBAC
chrX	17221900	17222050	0.0165	CGTAAATCBAC
chrX	17711700	17711850	0.0316	CGTAAATCBAC
chrX	8791880	8792030	0.00999	CGTAAATCBAC
chrI	1033540	1033690	0.00852	CGTGGYGAGAC
chrI	10548934	10549030	0.00852	CGTGGYGAGAC
chrI	10587020	10587170	0.00852	CGTGGYGAGAC
chrI	10793320	10793401	0.00852	CGTGGYGAGAC
chrI	11319896	11319966	0.031	CGTGGYGAGAC
chrI	11612300	11612450	0.00852	CGTGGYGAGAC
chrI	11612820	11612970	0.00852	CGTGGYGAGAC
chrI	11615420	11615570	0.00852	CGTGGYGAGAC
chrI	12049800	12049950	0.00852	CGTGGYGAGAC
chrI	12186480	12186630	0.00852	CGTGGYGAGAC
chrI	12518080	12518230	0.00852	CGTGGYGAGAC
chrI	12518900	12519050	0.00852	CGTGGYGAGAC
chrI	12539640	12539790	0.00852	CGTGGYGAGAC

chrI	12737680	12737830	0.00852	CGTGGYGAGAC
chrI	12806860	12807010	0.00852	CGTGGYGAGAC
chrI	12903620	12903770	0.00852	CGTGGYGAGAC
chrI	12923760	12923910	0.00852	CGTGGYGAGAC
chrI	13337780	13337853	0.00852	CGTGGYGAGAC
chrI	13653920	13654029	0.00852	CGTGGYGAGAC
chrI	13951760	13951910	0.00852	CGTGGYGAGAC
chrI	14295080	14295230	0.00852	CGTGGYGAGAC
chrI	14627540	14627690	0.00852	CGTGGYGAGAC
chrI	14789047	14789131	0.00852	CGTGGYGAGAC
chrI	1701860	1702010	0.00852	CGTGGYGAGAC
chrI	254880	254976	0.00852	CGTGGYGAGAC
chrI	3663040	3663190	0.00852	CGTGGYGAGAC
chrI	367420	367570	0.00852	CGTGGYGAGAC
chrI	3677020	3677170	0.031	CGTGGYGAGAC
chrI	3817360	3817510	0.00852	CGTGGYGAGAC
chrI	382420	382570	0.00852	CGTGGYGAGAC
chrI	392662	392730	0.00852	CGTGGYGAGAC
chrI	4175020	4175170	0.00852	CGTGGYGAGAC
chrI	458840	458990	0.00852	CGTGGYGAGAC
chrI	4789920	4790070	0.00852	CGTGGYGAGAC
chrI	4898480	4898630	0.00852	CGTGGYGAGAC
chrI	4995660	4995810	0.00852	CGTGGYGAGAC
chrI	506260	506410	0.00852	CGTGGYGAGAC
chrI	5362720	5362870	0.00852	CGTGGYGAGAC
chrI	6321220	6321370	0.00852	CGTGGYGAGAC
chrI	6419960	6420110	0.00852	CGTGGYGAGAC
chrI	6519580	6519730	0.00852	CGTGGYGAGAC
chrI	6717260	6717410	0.00852	CGTGGYGAGAC
chrI	6973940	6974090	0.00852	CGTGGYGAGAC
chrI	7161580	7161730	0.00852	CGTGGYGAGAC
chrI	7345200	7345350	0.00852	CGTGGYGAGAC
chrI	8426280	8426430	0.00852	CGTGGYGAGAC
chrI	8487400	8487550	0.0409	CGTGGYGAGAC
chrI	9287140	9287290	0.00852	CGTGGYGAGAC
chrI	9583540	9583690	0.00852	CGTGGYGAGAC
chrI	9688800	9688950	0.00852	CGTGGYGAGAC
chrI	9730560	9730710	0.031	CGTGGYGAGAC
chrI	9853400	9853550	0.00852	CGTGGYGAGAC
chrI	985620	985770	0.031	CGTGGYGAGAC
chrI	9937480	9937630	0.00852	CGTGGYGAGAC
chrII	10174440	10174590	0.00852	CGTGGYGAGAC
chrII	10872640	10872790	0.00852	CGTGGYGAGAC
chrII	11342500	11342650	0.00852	CGTGGYGAGAC
chrII	11572200	11572350	0.00852	CGTGGYGAGAC
chrII	11631100	11631250	0.00852	CGTGGYGAGAC
chrII	11728580	11728730	0.013	CGTGGYGAGAC

chrII	11744682	11744770	0.00852	CGTGGYGAGAC
chrII	11968300	11968450	0.00852	CGTGGYGAGAC
chrII	12092080	12092230	0.00852	CGTGGYGAGAC
chrII	12114680	12114830	0.00852	CGTGGYGAGAC
chrII	12224960	12225110	0.00852	CGTGGYGAGAC
chrII	1306680	1306830	0.00852	CGTGGYGAGAC
chrII	13122280	13122430	0.00852	CGTGGYGAGAC
chrII	15232802	15232930	0.00852	CGTGGYGAGAC
chrII	2232600	2232750	0.00852	CGTGGYGAGAC
chrII	2919660	2919715	0.00852	CGTGGYGAGAC
chrII	2997700	2997850	0.00852	CGTGGYGAGAC
chrII	3077080	3077230	0.00852	CGTGGYGAGAC
chrII	4684220	4684370	0.00852	CGTGGYGAGAC
chrII	4684700	4684850	0.00852	CGTGGYGAGAC
chrII	4706488	4706590	0.00852	CGTGGYGAGAC
chrII	6516180	6516330	0.00852	CGTGGYGAGAC
chrII	6903340	6903490	0.00852	CGTGGYGAGAC
chrII	7037800	7037950	0.00852	CGTGGYGAGAC
chrII	7119660	7119810	0.00852	CGTGGYGAGAC
chrII	7156400	7156550	0.00852	CGTGGYGAGAC
chrII	739420	739570	0.00852	CGTGGYGAGAC
chrII	8927060	8927210	0.00852	CGTGGYGAGAC
chrII	9273042	9273130	0.00852	CGTGGYGAGAC
chrII	9647480	9647630	0.00852	CGTGGYGAGAC
chrII	9773220	9773370	0.00852	CGTGGYGAGAC
chrIII	10404269	10404390	0.00852	CGTGGYGAGAC
chrIII	10439977	10440050	0.00852	CGTGGYGAGAC
chrIII	1045560	1045710	0.00852	CGTGGYGAGAC
chrIII	1080640	1080790	0.00852	CGTGGYGAGAC
chrIII	10991520	10991634	0.031	CGTGGYGAGAC
chrIII	1130140	1130290	0.00852	CGTGGYGAGAC
chrIII	11524120	11524270	0.00852	CGTGGYGAGAC
chrIII	1191578	1191641	0.00852	CGTGGYGAGAC
chrIII	12453300	12453450	0.031	CGTGGYGAGAC
chrIII	12753120	12753270	0.00852	CGTGGYGAGAC
chrIII	13462940	13463090	0.00852	CGTGGYGAGAC
chrIII	1418800	1418950	0.00852	CGTGGYGAGAC
chrIII	1425540	1425690	0.031	CGTGGYGAGAC
chrIII	1531940	1532090	0.00852	CGTGGYGAGAC
chrIII	1535516	1535650	0.00852	CGTGGYGAGAC
chrIII	1538800	1538950	0.00852	CGTGGYGAGAC
chrIII	1539100	1539250	0.00852	CGTGGYGAGAC
chrIII	1546200	1546350	0.013	CGTGGYGAGAC
chrIII	1547100	1547250	0.00852	CGTGGYGAGAC
chrIII	1548940	1549090	0.00852	CGTGGYGAGAC
chrIII	1572240	1572390	0.00852	CGTGGYGAGAC
chrIII	1596860	1597010	0.031	CGTGGYGAGAC

chrIII	2001580	2001730	0.00852	CGTGGYGAGAC
chrIII	2017880	2018030	0.00852	CGTGGYGAGAC
chrIII	2115231	2115330	0.00852	CGTGGYGAGAC
chrIII	2946880	2947030	0.00852	CGTGGYGAGAC
chrIII	3087360	3087510	0.00852	CGTGGYGAGAC
chrIII	3160340	3160490	0.00852	CGTGGYGAGAC
chrIII	3291720	3291870	0.00852	CGTGGYGAGAC
chrIII	3404580	3404730	0.00852	CGTGGYGAGAC
chrIII	3438160	3438310	0.00852	CGTGGYGAGAC
chrIII	3505240	3505390	0.00852	CGTGGYGAGAC
chrIII	3896520	3896670	0.00852	CGTGGYGAGAC
chrIII	4232429	4232550	0.00852	CGTGGYGAGAC
chrIII	4241627	4241730	0.00852	CGTGGYGAGAC
chrIII	4521480	4521613	0.00852	CGTGGYGAGAC
chrIII	4811162	4811210	0.00852	CGTGGYGAGAC
chrIII	4948780	4948930	0.031	CGTGGYGAGAC
chrIII	4956400	4956550	0.00852	CGTGGYGAGAC
chrIII	5543168	5543250	0.00852	CGTGGYGAGAC
chrIII	6177260	6177410	0.00852	CGTGGYGAGAC
chrIII	6375040	6375190	0.00852	CGTGGYGAGAC
chrIII	6471920	6472070	0.00852	CGTGGYGAGAC
chrIII	654540	654690	0.00852	CGTGGYGAGAC
chrIII	6648620	6648770	0.0409	CGTGGYGAGAC
chrIII	7119940	7120090	0.00852	CGTGGYGAGAC
chrIII	7189760	7189910	0.00852	CGTGGYGAGAC
chrIII	7710580	7710730	0.00852	CGTGGYGAGAC
chrIII	8356360	8356510	0.031	CGTGGYGAGAC
chrIII	8441360	8441510	0.00852	CGTGGYGAGAC
chrIII	8441360	8441510	0.0409	CGTGGYGAGAC
chrIII	8788740	8788890	0.031	CGTGGYGAGAC
chrIII	8872340	8872490	0.00852	CGTGGYGAGAC
chrIII	8872700	8872850	0.00852	CGTGGYGAGAC
chrIII	9224200	9224350	0.00852	CGTGGYGAGAC
chrIII	9242993	9243070	0.00852	CGTGGYGAGAC
chrIII	9390220	9390370	0.0409	CGTGGYGAGAC
chrIII	9474260	9474410	0.00852	CGTGGYGAGAC
chrIII	9580860	9581010	0.00852	CGTGGYGAGAC
chrIII	9602700	9602850	0.00852	CGTGGYGAGAC
chrIII	9697860	9698010	0.00852	CGTGGYGAGAC
chrIII	9750601	9750650	0.00852	CGTGGYGAGAC
chrIII	9820660	9820810	0.00852	CGTGGYGAGAC
chrIII	9839680	9839830	0.00852	CGTGGYGAGAC
chrIII	9869100	9869250	0.00852	CGTGGYGAGAC
chrIII	990320	990470	0.00852	CGTGGYGAGAC
chrIV	1021500	1021650	0.00852	CGTGGYGAGAC
chrIV	10367980	10368130	0.00852	CGTGGYGAGAC
chrIV	10731320	10731470	0.00852	CGTGGYGAGAC

chrIV	10839480	10839630	0.00852	CGTGGYGAGAC
chrIV	11372480	11372630	0.00852	CGTGGYGAGAC
chrIV	11818567	11818690	0.00852	CGTGGYGAGAC
chrIV	12408720	12408870	0.00852	CGTGGYGAGAC
chrIV	13314920	13315070	0.00852	CGTGGYGAGAC
chrIV	13370420	13370570	0.00852	CGTGGYGAGAC
chrIV	13881880	13882030	0.00852	CGTGGYGAGAC
chrIV	13896340	13896490	0.00852	CGTGGYGAGAC
chrIV	1419860	1420010	0.00852	CGTGGYGAGAC
chrIV	14783733	14783870	0.00852	CGTGGYGAGAC
chrIV	16872180	16872330	0.00852	CGTGGYGAGAC
chrIV	1789620	1789770	0.00852	CGTGGYGAGAC
chrIV	2550200	2550350	0.031	CGTGGYGAGAC
chrIV	2924140	2924204	0.00852	CGTGGYGAGAC
chrIV	379700	379850	0.00852	CGTGGYGAGAC
chrIV	425680	425830	0.00852	CGTGGYGAGAC
chrIV	4352500	4352618	0.00852	CGTGGYGAGAC
chrIV	4506460	4506529	0.00852	CGTGGYGAGAC
chrIV	4707340	4707490	0.00852	CGTGGYGAGAC
chrIV	4760860	4761010	0.00852	CGTGGYGAGAC
chrIV	4821720	4821870	0.00852	CGTGGYGAGAC
chrIV	5077800	5077950	0.00852	CGTGGYGAGAC
chrIV	6910160	6910310	0.00852	CGTGGYGAGAC
chrIV	7151780	7151930	0.00852	CGTGGYGAGAC
chrIV	7765120	7765258	0.00852	CGTGGYGAGAC
chrIV	7915660	7915810	0.00852	CGTGGYGAGAC
chrIV	7955140	7955290	0.00852	CGTGGYGAGAC
chrIV	7982120	7982270	0.00852	CGTGGYGAGAC
chrIV	833280	833430	0.00852	CGTGGYGAGAC
chrIV	8438320	8438470	0.00852	CGTGGYGAGAC
chrIV	9066240	9066390	0.00852	CGTGGYGAGAC
chrIV	9227934	9228070	0.00852	CGTGGYGAGAC
chrIV	9509780	9509930	0.00852	CGTGGYGAGAC
chrIV	9687740	9687890	0.031	CGTGGYGAGAC
chrV	10478240	10478390	0.00852	CGTGGYGAGAC
chrV	1099500	1099650	0.00852	CGTGGYGAGAC
chrV	11813580	11813850	0.00852	CGTGGYGAGAC
chrV	12252880	12253030	0.00852	CGTGGYGAGAC
chrV	12743520	12743670	0.00852	CGTGGYGAGAC
chrV	13470080	13470230	0.00852	CGTGGYGAGAC
chrV	14207260	14207410	0.00852	CGTGGYGAGAC
chrV	14406240	14406390	0.00852	CGTGGYGAGAC
chrV	14528100	14528250	0.00852	CGTGGYGAGAC
chrV	14735680	14735830	0.00852	CGTGGYGAGAC
chrV	14832720	14832870	0.00852	CGTGGYGAGAC
chrV	14832880	14833030	0.00852	CGTGGYGAGAC
chrV	16751000	16751150	0.0214	CGTGGYGAGAC

chrV	18340500	18340650	0.00852	CGTGGYGAGAC
chrV	18378040	18378190	0.00852	CGTGGYGAGAC
chrV	18402540	18402690	0.00852	CGTGGYGAGAC
chrV	20155620	20155770	0.00852	CGTGGYGAGAC
chrV	20479260	20479410	0.00852	CGTGGYGAGAC
chrV	3023420	3023570	0.00852	CGTGGYGAGAC
chrV	4858020	4858136	0.00852	CGTGGYGAGAC
chrV	5270940	5271090	0.00852	CGTGGYGAGAC
chrV	5579920	5580070	0.00852	CGTGGYGAGAC
chrV	5605500	5605650	0.00852	CGTGGYGAGAC
chrV	5681060	5681195	0.00852	CGTGGYGAGAC
chrV	5771767	5771910	0.00852	CGTGGYGAGAC
chrV	6514500	6514650	0.00852	CGTGGYGAGAC
chrV	9579520	9579670	0.00852	CGTGGYGAGAC
chrX	11840	11990	0.00852	CGTGGYGAGAC
chrX	12440380	12440530	0.0409	CGTGGYGAGAC
chrX	153240	153390	0.00852	CGTGGYGAGAC
chrX	15921820	15921970	0.00852	CGTGGYGAGAC
chrX	17072520	17072670	0.00852	CGTGGYGAGAC
chrX	182320	182470	0.00852	CGTGGYGAGAC
chrX	41180	41330	0.013	CGTGGYGAGAC
chrX	47460	47610	0.00852	CGTGGYGAGAC
chrX	5393440	5393590	0.00852	CGTGGYGAGAC
chrI	12571240	12571390	0.0437	CGYCAAGGCAC
chrI	12954660	12954810	0.0161	CGYCAAGGCAC
chrI	12955940	12956090	0.0161	CGYCAAGGCAC
chrII	3036460	3036610	0.0137	CGYCAAGGCAC
chrII	3036820	3036970	0.0137	CGYCAAGGCAC
chrII	3036820	3036970	0.0161	CGYCAAGGCAC
chrII	3038400	3038550	0.0137	CGYCAAGGCAC
chrII	3038400	3038550	0.0437	CGYCAAGGCAC
chrII	3039600	3039750	0.0137	CGYCAAGGCAC
chrII	3039900	3040050	0.0137	CGYCAAGGCAC
chrII	7758440	7758590	0.0137	CGYCAAGGCAC
chrIII	1231460	1231610	0.0437	CGYCAAGGCAC
chrIII	13340960	13341110	0.0437	CGYCAAGGCAC
chrIII	3234020	3234170	0.0161	CGYCAAGGCAC
chrIII	3234660	3234810	0.0161	CGYCAAGGCAC
chrIII	7570440	7570590	0.024	CGYCAAGGCAC
chrIII	9052580	9052730	0.024	CGYCAAGGCAC
chrIII	9602700	9602850	0.0307	CGYCAAGGCAC
chrV	16086940	16087090	0.024	CGYCAAGGCAC
chrV	18174500	18174650	0.0161	CGYCAAGGCAC
chrV	18175020	18175170	0.0137	CGYCAAGGCAC
chrV	18175880	18176030	0.0137	CGYCAAGGCAC
chrV	18178360	18178510	0.0161	CGYCAAGGCAC
chrV	18329980	18330130	0.0137	CGYCAAGGCAC

chrV	18388520	18388670	0.0137	CGYCAAGGCAC
chrV	18388520	18388670	0.0161	CGYCAAGGCAC
chrV	18389680	18389830	0.0137	CGYCAAGGCAC
chrV	18389680	18389830	0.0161	CGYCAAGGCAC
chrV	18390040	18390190	0.0137	CGYCAAGGCAC
chrV	18390040	18390190	0.0161	CGYCAAGGCAC
chrV	18573640	18573790	0.0161	CGYCAAGGCAC
chrV	18573640	18573790	0.0437	CGYCAAGGCAC
chrV	18575340	18575490	0.0137	CGYCAAGGCAC
chrV	18575340	18575490	0.0161	CGYCAAGGCAC
chrV	18619420	18619570	0.0137	CGYCAAGGCAC
chrV	18619420	18619570	0.0161	CGYCAAGGCAC
chrV	18676340	18676490	0.0161	CGYCAAGGCAC
chrV	18677560	18677710	0.0161	CGYCAAGGCAC
chrV	18684500	18684650	0.0137	CGYCAAGGCAC
chrV	18684500	18684650	0.0161	CGYCAAGGCAC
chrV	18908140	18908290	0.0137	CGYCAAGGCAC
chrV	18908460	18908610	0.0137	CGYCAAGGCAC
chrV	18947080	18947230	0.0137	CGYCAAGGCAC
chrV	18948000	18948150	0.0137	CGYCAAGGCAC
chrV	18948860	18949010	0.0137	CGYCAAGGCAC
chrV	19009080	19009230	0.0161	CGYCAAGGCAC
chrV	19010820	19010970	0.0137	CGYCAAGGCAC
chrV	19011400	19011550	0.0137	CGYCAAGGCAC
chrV	19012320	19012470	0.0137	CGYCAAGGCAC
chrV	19013420	19013570	0.0137	CGYCAAGGCAC
chrV	19020100	19020250	0.0137	CGYCAAGGCAC
chrV	19021740	19021890	0.0437	CGYCAAGGCAC
chrV	19022820	19022970	0.0137	CGYCAAGGCAC
chrV	19023300	19023450	0.0137	CGYCAAGGCAC
chrV	19029060	19029210	0.0137	CGYCAAGGCAC
chrV	19030080	19030230	0.0161	CGYCAAGGCAC
chrV	19030920	19031070	0.0137	CGYCAAGGCAC
chrV	19068040	19068190	0.0137	CGYCAAGGCAC
chrV	19077640	19077790	0.0137	CGYCAAGGCAC
chrV	19077640	19077790	0.0161	CGYCAAGGCAC
chrV	19079000	19079150	0.0161	CGYCAAGGCAC
chrV	19079760	19079910	0.0137	CGYCAAGGCAC
chrV	19148480	19148630	0.0137	CGYCAAGGCAC
chrV	19148480	19148630	0.0161	CGYCAAGGCAC
chrV	19207460	19207610	0.0137	CGYCAAGGCAC
chrV	19212480	19212630	0.0161	CGYCAAGGCAC
chrV	19219447	19219550	0.0137	CGYCAAGGCAC
chrV	19371780	19371930	0.0137	CGYCAAGGCAC
chrV	19371780	19371930	0.0437	CGYCAAGGCAC
chrV	19372060	19372210	0.0137	CGYCAAGGCAC
chrV	19372060	19372210	0.0161	CGYCAAGGCAC

chrV	19372060	19372210	0.0437	CGYCAAGGCAC
chrV	19373360	19373510	0.0437	CGYCAAGGCAC
chrV	19374340	19374490	0.0137	CGYCAAGGCAC
chrV	19374340	19374490	0.0161	CGYCAAGGCAC
chrV	19380000	19380150	0.0161	CGYCAAGGCAC
chrV	19380280	19380430	0.0137	CGYCAAGGCAC
chrV	19380280	19380430	0.0161	CGYCAAGGCAC
chrV	19821140	19821290	0.0161	CGYCAAGGCAC
chrV	19821140	19821290	0.024	CGYCAAGGCAC
chrV	19821440	19821590	0.0161	CGYCAAGGCAC
chrV	19821440	19821590	0.024	CGYCAAGGCAC
chrV	19821760	19821910	0.0137	CGYCAAGGCAC
chrV	19821760	19821910	0.0161	CGYCAAGGCAC
chrV	19821760	19821910	0.0437	CGYCAAGGCAC
chrX	12904360	12904510	0.0137	CGYCAAGGCAC
chrX	5981160	5981310	0.0437	CGYCAAGGCAC
chrI	10007260	10007410	0.0463	CNCTCTCTC
chrI	10063200	10063350	0.0463	CNCTCTCTC
chrI	10074800	10074950	0.0126	CNCTCTCTC
chrI	10138400	10138550	0.0266	CNCTCTCTC
chrI	10154000	10154150	0.0126	CNCTCTCTC
chrI	10232560	10232710	0.0126	CNCTCTCTC
chrI	10232560	10232710	0.0212	CNCTCTCTC
chrI	10406180	10406330	0.0126	CNCTCTCTC
chrI	10478140	10478290	0.0126	CNCTCTCTC
chrI	10491100	10491250	0.0126	CNCTCTCTC
chrI	1049280	1049430	0.0212	CNCTCTCTC
chrI	10541600	10541750	0.0463	CNCTCTCTC
chrI	10720280	10720430	0.0321	CNCTCTCTC
chrI	10753420	10753570	0.0266	CNCTCTCTC
chrI	10757100	10757250	0.0266	CNCTCTCTC
chrI	10758080	10758230	0.0463	CNCTCTCTC
chrI	10769200	10769350	0.0126	CNCTCTCTC
chrI	10777540	10777690	0.0212	CNCTCTCTC
chrI	10798720	10798870	0.0212	CNCTCTCTC
chrI	10798720	10798870	0.0463	CNCTCTCTC
chrI	10816340	10816490	0.0212	CNCTCTCTC
chrI	10875160	10875310	0.0212	CNCTCTCTC
chrI	10875160	10875310	0.0463	CNCTCTCTC
chrI	10926000	10926150	0.0463	CNCTCTCTC
chrI	1100640	1100790	0.0126	CNCTCTCTC
chrI	11090940	11091090	0.0126	CNCTCTCTC
chrI	11097360	11097510	0.0126	CNCTCTCTC
chrI	11100260	11100410	0.0463	CNCTCTCTC
chrI	11125360	11125510	0.0126	CNCTCTCTC
chrI	11131540	11131690	0.0126	CNCTCTCTC
chrI	11131540	11131690	0.0212	CNCTCTCTC

chrI	11131540	11131690	0.0463	CNCTCTCTC
chrI	11137500	11137650	0.0212	CNCTCTCTC
chrI	11137500	11137650	0.0463	CNCTCTCTC
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chrX	7797140	7797290	0.0126	CNCTCTCTC
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chrX	8286860	8287010	0.0212	CNCTCTCTC
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chrX	8811040	8811190	0.0212 CNCTCTCTC
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chrX	9582480	9582630	0.0266 CNCTCTCTC
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chrII	1135200	1135350	0.0195	CTGCGTMTC
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chrX	5818300	5818450	0.0195 CTGCGTMTC
chrX	6128326	6128470	0.0195 CTGCGTMTC
chrX	662100	662250	0.0195 CTGCGTMTC
chrX	679680	679830	0.0405 CTGCGTMTC
chrX	7670980	7671130	0.0405 CTGCGTMTC
chrX	768200	768350	0.0405 CTGCGTMTC
chrX	7782460	7782610	0.0195 CTGCGTMTC
chrX	7793720	7793870	0.0195 CTGCGTMTC
chrX	826040	826190	0.0195 CTGCGTMTC
chrX	8404280	8404430	0.0195 CTGCGTMTC
chrX	9089560	9089710	0.0195 CTGCGTMTC
chrX	9320100	9320250	0.0195 CTGCGTMTC
chrX	9396500	9396650	0.0195 CTGCGTMTC
chrX	9822640	9822790	0.0195 CTGCGTMTC
chrX	9891026	9891076	0.0405 CTGCGTMTC
chrX	9941460	9941610	0.0195 CTGCGTMTC
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chrI	10393080	10393230	0.0382 CVCCCCCCCCCCC
chrI	1069220	1069370	0.0209 CVCCCCCCCCCCC
chrI	10759080	10759230	0.0185 CVCCCCCCCCCCC
chrI	10759080	10759230	0.0209 CVCCCCCCCCCCC
chrI	10759080	10759230	0.0483 CVCCCCCCCCCCC
chrI	1079560	1079710	0.00943 CVCCCCCCCCCCC
chrI	1079560	1079710	0.032 CVCCCCCCCCCCC
chrI	1079560	1079710	0.0382 CVCCCCCCCCCCC
chrI	10988140	10988290	0.000105 CVCCCCCCCCCCC
chrI	10988140	10988290	0.00129 CVCCCCCCCCCCC
chrI	10988140	10988290	0.00324 CVCCCCCCCCCCC
chrI	10988140	10988290	0.00441 CVCCCCCCCCCCC
chrI	10988140	10988290	0.0185 CVCCCCCCCCCCC
chrI	1100640	1100790	0.000412 CVCCCCCCCCCCC
chrI	1100640	1100790	0.00196 CVCCCCCCCCCCC
chrI	1100640	1100790	0.0209 CVCCCCCCCCCCC
chrI	1100640	1100790	0.0439 CVCCCCCCCCCCC
chrI	11146640	11146790	0.0185 CVCCCCCCCCCCC

chrI	11146640	11146790	0.0368	CVCCCCCCCCCCC
chrI	11196420	11196570	0.00324	CVCCCCCCCCCCC
chrI	11196420	11196570	0.0137	CVCCCCCCCCCCC
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chrI	11196420	11196570	0.023	CVCCCCCCCCCCC
chrI	11196420	11196570	0.0267	CVCCCCCCCCCCC
chrI	11202260	11202410	0.0267	CVCCCCCCCCCCC
chrI	11204600	11204750	0.00592	CVCCCCCCCCCCC
chrI	11204600	11204750	0.0439	CVCCCCCCCCCCC
chrI	11204600	11204750	0.0458	CVCCCCCCCCCCC
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chrI	11298100	11298250	0.00324	CVCCCCCCCCCCC
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chrI	11298100	11298250	0.0404	CVCCCCCCCCCCC
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chrI	11446420	11446570	0.00196	CVCCCCCCCCCCC
chrI	11446420	11446570	0.0209	CVCCCCCCCCCCC
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chrI	11628354	11628470	0.0368	CVCCCCCCCCCCC
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chrI	11782360	11782510	0.0458	CVCCCCCCCCCCC
chrI	11785440	11785590	0.0185	CVCCCCCCCCCCC
chrI	11785440	11785590	0.0439	CVCCCCCCCCCCC
chrI	11785440	11785590	0.0483	CVCCCCCCCCCCC
chrI	11789820	11789970	0.000105	CVCCCCCCCCCCC
chrI	11789820	11789970	0.00186	CVCCCCCCCCCCC
chrI	11789820	11789970	0.00532	CVCCCCCCCCCCC
chrI	11789820	11789970	0.00638	CVCCCCCCCCCCC
chrI	11789820	11789970	0.0137	CVCCCCCCCCCCC
chrI	11911021	11911150	0.0458	CVCCCCCCCCCCC
chrI	12171881	12172010	0.000105	CVCCCCCCCCCCC
chrI	12171881	12172010	0.000225	CVCCCCCCCCCCC
chrI	12171881	12172010	0.00129	CVCCCCCCCCCCC
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chrI	12171881	12172010	0.0137	CVCCCCCCCCCCC
chrI	12171881	12172010	0.032	CVCCCCCCCCCCC
chrI	12171881	12172010	0.0483	CVCCCCCCCCCCC
chrI	12325700	12325850	0.000105	CVCCCCCCCCCCC
chrI	12325700	12325850	0.000412	CVCCCCCCCCCCC
chrI	12325700	12325850	0.00186	CVCCCCCCCCCCC
chrI	12325700	12325850	0.00196	CVCCCCCCCCCCC
chrI	12325700	12325850	0.0185	CVCCCCCCCCCCC
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chrI	12337880	12337968	0.0185	CVCCCCCCCCCCC

chrI	12337880	12337968	0.0209	CVCCCCCCCCCCC
chrI	12337880	12337968	0.0353	CVCCCCCCCCCCC
chrI	123940	124090	0.000105	CVCCCCCCCCCCC
chrI	123940	124090	0.00186	CVCCCCCCCCCCC
chrI	123940	124090	0.00532	CVCCCCCCCCCCC
chrI	123940	124090	0.0152	CVCCCCCCCCCCC
chrI	12481120	12481270	0.00532	CVCCCCCCCCCCC
chrI	12481120	12481270	0.0209	CVCCCCCCCCCCC
chrI	12481120	12481270	0.0353	CVCCCCCCCCCCC
chrI	12527980	12528130	0.0281	CVCCCCCCCCCCC
chrI	12527980	12528130	0.0458	CVCCCCCCCCCCC
chrI	12551200	12551350	0.0185	CVCCCCCCCCCCC
chrI	12551200	12551350	0.0209	CVCCCCCCCCCCC
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chrI	12551200	12551350	0.0439	CVCCCCCCCCCCC
chrI	12551200	12551350	0.0458	CVCCCCCCCCCCC
chrI	1258580	1258730	0.0483	CVCCCCCCCCCCC
chrI	12593000	12593150	0.0185	CVCCCCCCCCCCC
chrI	12644720	12644870	0.0209	CVCCCCCCCCCCC
chrI	1271060	1271210	0.0458	CVCCCCCCCCCCC
chrI	12750900	12751050	0.0439	CVCCCCCCCCCCC
chrI	12771580	12771730	0.0458	CVCCCCCCCCCCC
chrI	128460	128610	0.0137	CVCCCCCCCCCCC
chrI	128460	128610	0.0267	CVCCCCCCCCCCC
chrI	13031040	13031190	0.0439	CVCCCCCCCCCCC
chrI	13384680	13384752	0.0404	CVCCCCCCCCCCC
chrI	13463800	13463950	0.0458	CVCCCCCCCCCCC
chrI	13498980	13499130	0.00196	CVCCCCCCCCCCC
chrI	13498980	13499130	0.0209	CVCCCCCCCCCCC
chrI	13498980	13499130	0.0468	CVCCCCCCCCCCC
chrI	13650800	13650950	0.000105	CVCCCCCCCCCCC
chrI	13650800	13650950	0.000225	CVCCCCCCCCCCC
chrI	13650800	13650950	0.00129	CVCCCCCCCCCCC
chrI	13650800	13650950	0.00186	CVCCCCCCCCCCC
chrI	13650800	13650950	0.00441	CVCCCCCCCCCCC
chrI	13650800	13650950	0.0137	CVCCCCCCCCCCC
chrI	13650800	13650950	0.0404	CVCCCCCCCCCCC
chrI	13732180	13732330	0.000105	CVCCCCCCCCCCC
chrI	13732180	13732330	0.000225	CVCCCCCCCCCCC
chrI	13732180	13732330	0.00129	CVCCCCCCCCCCC
chrI	13732180	13732330	0.00268	CVCCCCCCCCCCC
chrI	13732180	13732330	0.00943	CVCCCCCCCCCCC
chrI	13732180	13732330	0.0185	CVCCCCCCCCCCC
chrI	13732180	13732330	0.0483	CVCCCCCCCCCCC
chrI	13977380	13977530	0.0368	CVCCCCCCCCCCC
chrI	13982700	13982850	0.0152	CVCCCCCCCCCCC
chrI	13989760	13989910	0.000105	CVCCCCCCCCCCC

chrI	13989760	13989910	0.000412	CVCCCCCCCCCCC
chrI	13989760	13989910	0.00186	CVCCCCCCCCCCC
chrI	13989760	13989910	0.00196	CVCCCCCCCCCCC
chrI	13989760	13989910	0.0039	CVCCCCCCCCCCC
chrI	13989760	13989910	0.0152	CVCCCCCCCCCCC
chrI	13989760	13989910	0.0185	CVCCCCCCCCCCC
chrI	14068980	14069130	0.00196	CVCCCCCCCCCCC
chrI	14068980	14069130	0.0209	CVCCCCCCCCCCC
chrI	14137380	14137530	0.0404	CVCCCCCCCCCCC
chrI	14138020	14138170	0.000105	CVCCCCCCCCCCC
chrI	14138020	14138170	0.00129	CVCCCCCCCCCCC
chrI	14138020	14138170	0.00196	CVCCCCCCCCCCC
chrI	14138020	14138170	0.0039	CVCCCCCCCCCCC
chrI	14138020	14138170	0.0209	CVCCCCCCCCCCC
chrI	14138020	14138170	0.0483	CVCCCCCCCCCCC
chrI	14147740	14147890	0.0209	CVCCCCCCCCCCC
chrI	14147740	14147890	0.0468	CVCCCCCCCCCCC
chrI	14150080	14150230	0.00196	CVCCCCCCCCCCC
chrI	14150080	14150230	0.00674	CVCCCCCCCCCCC
chrI	14150080	14150230	0.0209	CVCCCCCCCCCCC
chrI	14170740	14170890	0.000105	CVCCCCCCCCCCC
chrI	14170740	14170890	0.000225	CVCCCCCCCCCCC
chrI	14170740	14170890	0.00129	CVCCCCCCCCCCC
chrI	14170740	14170890	0.00196	CVCCCCCCCCCCC
chrI	14170740	14170890	0.00943	CVCCCCCCCCCCC
chrI	14170740	14170890	0.0209	CVCCCCCCCCCCC
chrI	14170740	14170890	0.0267	CVCCCCCCCCCCC
chrI	14179700	14179850	0.0267	CVCCCCCCCCCCC
chrI	14191080	14191230	0.0137	CVCCCCCCCCCCC
chrI	14191080	14191230	0.0209	CVCCCCCCCCCCC
chrI	14191080	14191230	0.0458	CVCCCCCCCCCCC
chrI	14195580	14195730	0.0137	CVCCCCCCCCCCC
chrI	14195580	14195730	0.0281	CVCCCCCCCCCCC
chrI	14195580	14195730	0.0382	CVCCCCCCCCCCC
chrI	14326880	14327029	0.000105	CVCCCCCCCCCCC
chrI	14326880	14327029	0.00032	CVCCCCCCCCCCC
chrI	14326880	14327029	0.00186	CVCCCCCCCCCCC
chrI	14326880	14327029	0.00196	CVCCCCCCCCCCC
chrI	14326880	14327029	0.0137	CVCCCCCCCCCCC
chrI	14326880	14327029	0.0209	CVCCCCCCCCCCC
chrI	14326880	14327029	0.0267	CVCCCCCCCCCCC
chrI	14344220	14344370	0.0267	CVCCCCCCCCCCC
chrI	14346740	14346890	0.000412	CVCCCCCCCCCCC
chrI	14346740	14346890	0.00196	CVCCCCCCCCCCC
chrI	14346740	14346890	0.0209	CVCCCCCCCCCCC
chrI	14346740	14346890	0.0439	CVCCCCCCCCCCC
chrI	14393260	14393325	0.00943	CVCCCCCCCCCCC

chrI	14393260	14393325	0.023	CVCCCCCCCCCCC
chrI	14511620	14511770	0.0483	CVCCCCCCCCCCC
chrI	14526720	14526870	0.0185	CVCCCCCCCCCCC
chrI	14526720	14526870	0.0353	CVCCCCCCCCCCC
chrI	14526720	14526870	0.0468	CVCCCCCCCCCCC
chrI	1456440	1456590	0.00186	CVCCCCCCCCCCC
chrI	1456440	1456590	0.00196	CVCCCCCCCCCCC
chrI	1456440	1456590	0.00441	CVCCCCCCCCCCC
chrI	1456440	1456590	0.0209	CVCCCCCCCCCCC
chrI	1456440	1456590	0.0281	CVCCCCCCCCCCC
chrI	14647500	14647650	0.00943	CVCCCCCCCCCCC
chrI	14647500	14647650	0.023	CVCCCCCCCCCCC
chrI	14647500	14647650	0.0267	CVCCCCCCCCCCC
chrI	14647500	14647650	0.0382	CVCCCCCCCCCCC
chrI	14732120	14732270	0.0439	CVCCCCCCCCCCC
chrI	1486920	1487070	0.000105	CVCCCCCCCCCCC
chrI	1486920	1487070	0.00129	CVCCCCCCCCCCC
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chrI	14870880	14870967	0.000105	CVCCCCCCCCCCC
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chrI	14870880	14870967	0.00186	CVCCCCCCCCCCC
chrI	14870880	14870967	0.00441	CVCCCCCCCCCCC
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chrI	14870880	14870967	0.0353	CVCCCCCCCCCCC
chrI	14932740	14932890	0.0468	CVCCCCCCCCCCC
chrI	14960400	14960550	0.0458	CVCCCCCCCCCCC
chrI	14976420	14976570	0.000105	CVCCCCCCCCCCC
chrI	14976420	14976570	0.00129	CVCCCCCCCCCCC
chrI	14976420	14976570	0.00196	CVCCCCCCCCCCC
chrI	14976420	14976570	0.00268	CVCCCCCCCCCCC
chrI	14976420	14976570	0.0209	CVCCCCCCCCCCC
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chrI	1549560	1549710	0.00129	CVCCCCCCCCCCC
chrI	1549560	1549710	0.00196	CVCCCCCCCCCCC
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chrI	1549560	1549710	0.0209	CVCCCCCCCCCCC
chrI	1549560	1549710	0.032	CVCCCCCCCCCCC
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chrI	1585160	1585271	0.00129	CVCCCCCCCCCCC
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chrI	1585160	1585271	0.0039	CVCCCCCCCCCCC
chrI	1585160	1585271	0.00943	CVCCCCCCCCCCC
chrI	1585160	1585271	0.0185	CVCCCCCCCCCCC
chrI	1588220	1588370	0.000105	CVCCCCCCCCCCC

chrI	1588220	1588370	0.000412	CVCCCCCCCCCCC
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chrI	1588220	1588370	0.00196	CVCCCCCCCCCCC
chrI	1588220	1588370	0.0137	CVCCCCCCCCCCC
chrI	1588220	1588370	0.0209	CVCCCCCCCCCCC
chrI	1588220	1588370	0.0439	CVCCCCCCCCCCC
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chrI	159060	159210	0.00186	CVCCCCCCCCCCC
chrI	159060	159210	0.00441	CVCCCCCCCCCCC
chrI	159060	159210	0.00943	CVCCCCCCCCCCC
chrI	159060	159210	0.0267	CVCCCCCCCCCCC
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chrI	1676600	1676750	0.032	CVCCCCCCCCCCC
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chrI	1798695	1798810	0.00532	CVCCCCCCCCCCC
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chrI	1958511	1958650	0.0412	CVCCCCCCCCCCC
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chrI	1993160	1993294	0.00129	CVCCCCCCCCCCC
chrI	1993160	1993294	0.00186	CVCCCCCCCCCCC
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chrI	1993160	1993294	0.0209	CVCCCCCCCCCCC
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chrI	2041000	2041150	0.0404	CVCCCCCCCCCCC
chrI	2041000	2041150	0.0412	CVCCCCCCCCCCC
chrI	211880	212030	0.00943	CVCCCCCCCCCCC
chrI	211880	212030	0.023	CVCCCCCCCCCCC
chrI	211880	212030	0.0483	CVCCCCCCCCCCC
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chrI	2211820	2211970	0.000412	CVCCCCCCCCCCC
chrI	2211820	2211970	0.00129	CVCCCCCCCCCCC
chrI	2211820	2211970	0.00196	CVCCCCCCCCCCC
chrI	2211820	2211970	0.0039	CVCCCCCCCCCCC
chrI	2211820	2211970	0.0137	CVCCCCCCCCCCC
chrI	2211820	2211970	0.0185	CVCCCCCCCCCCC
chrI	2339900	2340050	0.0458	CVCCCCCCCCCCC
chrI	2418880	2419030	0.0458	CVCCCCCCCCCCC
chrI	2518960	2519110	0.0458	CVCCCCCCCCCCC
chrI	2532560	2532710	0.0185	CVCCCCCCCCCCC
chrI	2577420	2577570	0.00674	CVCCCCCCCCCCC
chrI	2577420	2577570	0.0209	CVCCCCCCCCCCC
chrI	2695540	2695690	0.000105	CVCCCCCCCCCCC
chrI	2695540	2695690	0.00129	CVCCCCCCCCCCC
chrI	2695540	2695690	0.00186	CVCCCCCCCCCCC
chrI	2695540	2695690	0.00532	CVCCCCCCCCCCC

chrI	2695540	2695690	0.0137	CVCCCCCCCCCCC
chrI	270360	270510	0.000105	CVCCCCCCCCCCC
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chrI	270360	270510	0.0039	CVCCCCCCCCCCC
chrI	270360	270510	0.0209	CVCCCCCCCCCCC
chrI	2719300	2719450	0.0368	CVCCCCCCCCCCC
chrI	2745940	2746090	0.023	CVCCCCCCCCCCC
chrI	2822720	2822870	0.0458	CVCCCCCCCCCCC
chrI	2833000	2833149	0.032	CVCCCCCCCCCCC
chrI	2835340	2835490	0.00943	CVCCCCCCCCCCC
chrI	2835340	2835490	0.032	CVCCCCCCCCCCC
chrI	3087200	3087350	0.023	CVCCCCCCCCCCC
chrI	316660	316810	0.0185	CVCCCCCCCCCCC
chrI	316660	316810	0.0209	CVCCCCCCCCCCC
chrI	3209040	3209105	0.000105	CVCCCCCCCCCCC
chrI	3209040	3209105	0.00129	CVCCCCCCCCCCC
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chrI	3247600	3247750	0.0353	CVCCCCCCCCCCC
chrI	3277880	3278030	0.032	CVCCCCCCCCCCC
chrI	3313240	3313390	0.0209	CVCCCCCCCCCCC
chrI	3313240	3313390	0.0468	CVCCCCCCCCCCC
chrI	331840	331990	0.0152	CVCCCCCCCCCCC
chrI	331840	331990	0.0353	CVCCCCCCCCCCC
chrI	331840	331990	0.0412	CVCCCCCCCCCCC
chrI	331840	331990	0.0458	CVCCCCCCCCCCC
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chrI	3738140	3738290	0.00674	CVCCCCCCCCCCC
chrI	3738140	3738290	0.0209	CVCCCCCCCCCCC
chrI	3785340	3785490	0.0185	CVCCCCCCCCCCC
chrI	3805718	3805830	0.0382	CVCCCCCCCCCCC
chrI	3887180	3887330	0.00592	CVCCCCCCCCCCC
chrI	3956740	3956890	0.0209	CVCCCCCCCCCCC
chrI	4006360	4006510	0.0468	CVCCCCCCCCCCC

chrI	4018260	4018410	0.00486	CVCCCCCCCCCCC
chrI	4018260	4018410	0.0209	CVCCCCCCCCCCC
chrI	4029380	4029530	0.0439	CVCCCCCCCCCCC
chrI	4139360	4139510	0.0209	CVCCCCCCCCCCC
chrI	4317240	4317390	0.00943	CVCCCCCCCCCCC
chrI	4327980	4328130	0.000105	CVCCCCCCCCCCC
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chrI	4327980	4328130	0.00943	CVCCCCCCCCCCC
chrI	438100	438250	0.000105	CVCCCCCCCCCCC
chrI	438100	438250	0.000225	CVCCCCCCCCCCC
chrI	438100	438250	0.00129	CVCCCCCCCCCCC
chrI	438100	438250	0.0137	CVCCCCCCCCCCC
chrI	438100	438250	0.0185	CVCCCCCCCCCCC
chrI	438100	438250	0.0267	CVCCCCCCCCCCC
chrI	438100	438250	0.0382	CVCCCCCCCCCCC
chrI	4436740	4436890	0.0137	CVCCCCCCCCCCC
chrI	4525320	4525470	0.00674	CVCCCCCCCCCCC
chrI	4525320	4525470	0.0209	CVCCCCCCCCCCC
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chrI	4701840	4701990	0.0404	CVCCCCCCCCCCC
chrI	4704420	4704570	0.0412	CVCCCCCCCCCCC
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chrI	5316280	5316430	0.0412	CVCCCCCCCCCCC
chrI	5376700	5376850	0.000105	CVCCCCCCCCCCC
chrI	5376700	5376850	0.00196	CVCCCCCCCCCCC
chrI	5376700	5376850	0.0209	CVCCCCCCCCCCC
chrI	54620	54770	0.0137	CVCCCCCCCCCCC
chrI	54620	54770	0.0209	CVCCCCCCCCCCC
chrI	54620	54770	0.0458	CVCCCCCCCCCCC
chrI	55080	55230	0.000105	CVCCCCCCCCCCC
chrI	55080	55230	0.00032	CVCCCCCCCCCCC
chrI	55080	55230	0.00186	CVCCCCCCCCCCC
chrI	55080	55230	0.0137	CVCCCCCCCCCCC
chrI	55080	55230	0.0353	CVCCCCCCCCCCC
chrI	5782060	5782210	0.0404	CVCCCCCCCCCCC
chrI	5973580	5973730	0.0267	CVCCCCCCCCCCC
chrI	6131960	6132110	0.032	CVCCCCCCCCCCC
chrI	6153660	6153810	0.0404	CVCCCCCCCCCCC
chrI	6389660	6389810	0.023	CVCCCCCCCCCCC

chrI	6810980	6811130	0.000105	CVCCCCCCCCCCC
chrI	6810980	6811130	0.00032	CVCCCCCCCCCCC
chrI	6810980	6811130	0.00186	CVCCCCCCCCCCC
chrI	6810980	6811130	0.0209	CVCCCCCCCCCCC
chrI	7011304	7011390	0.00943	CVCCCCCCCCCCC
chrI	7031100	7031250	0.000105	CVCCCCCCCCCCC
chrI	7031100	7031250	0.00129	CVCCCCCCCCCCC
chrI	7031100	7031250	0.00186	CVCCCCCCCCCCC
chrI	7031100	7031250	0.00441	CVCCCCCCCCCCC
chrI	7031100	7031250	0.00943	CVCCCCCCCCCCC
chrI	7031100	7031250	0.0353	CVCCCCCCCCCCC
chrI	7140620	7140770	0.000105	CVCCCCCCCCCCC
chrI	7140620	7140770	0.000225	CVCCCCCCCCCCC
chrI	7140620	7140770	0.00129	CVCCCCCCCCCCC
chrI	7140620	7140770	0.0185	CVCCCCCCCCCCC
chrI	7384040	7384190	0.00592	CVCCCCCCCCCCC
chrI	7384040	7384190	0.0185	CVCCCCCCCCCCC
chrI	7384040	7384190	0.0439	CVCCCCCCCCCCC
chrI	7397540	7397690	0.0439	CVCCCCCCCCCCC
chrI	760740	760846	0.0412	CVCCCCCCCCCCC
chrI	7608400	7608550	0.0353	CVCCCCCCCCCCC
chrI	7755580	7755730	0.0404	CVCCCCCCCCCCC
chrI	7863553	7863630	0.0137	CVCCCCCCCCCCC
chrI	7863553	7863630	0.0404	CVCCCCCCCCCCC
chrI	788120	788270	0.0209	CVCCCCCCCCCCC
chrI	7904840	7904990	0.0152	CVCCCCCCCCCCC
chrI	7993420	7993570	0.0281	CVCCCCCCCCCCC
chrI	803100	803250	0.00186	CVCCCCCCCCCCC
chrI	803100	803250	0.0152	CVCCCCCCCCCCC
chrI	803100	803250	0.0209	CVCCCCCCCCCCC
chrI	803100	803250	0.0382	CVCCCCCCCCCCC
chrI	803100	803250	0.0468	CVCCCCCCCCCCC
chrI	8201400	8201550	0.0404	CVCCCCCCCCCCC
chrI	8263700	8263850	0.0209	CVCCCCCCCCCCC
chrI	8307620	8307770	0.0368	CVCCCCCCCCCCC
chrI	8717080	8717230	0.000105	CVCCCCCCCCCCC
chrI	8717080	8717230	0.00129	CVCCCCCCCCCCC
chrI	8717080	8717230	0.00186	CVCCCCCCCCCCC
chrI	8717080	8717230	0.00441	CVCCCCCCCCCCC
chrI	8717080	8717230	0.00943	CVCCCCCCCCCCC
chrI	8717080	8717230	0.0267	CVCCCCCCCCCCC
chrI	8719600	8719750	0.0281	CVCCCCCCCCCCC
chrI	8719600	8719750	0.0404	CVCCCCCCCCCCC
chrI	881860	882010	0.00638	CVCCCCCCCCCCC
chrI	881860	882010	0.0152	CVCCCCCCCCCCC
chrI	881860	882010	0.0209	CVCCCCCCCCCCC
chrI	881860	882010	0.0439	CVCCCCCCCCCCC

chrI	8944740	8944890	0.0404	CVCCCCCCCCCCC
chrI	9121840	9121990	0.0483	CVCCCCCCCCCCC
chrI	9196340	9196490	0.0137	CVCCCCCCCCCCC
chrI	9254850	9254890	0.032	CVCCCCCCCCCCC
chrI	9315480	9315630	0.0209	CVCCCCCCCCCCC
chrI	9373060	9373210	0.0382	CVCCCCCCCCCCC
chrI	9500180	9500330	0.0209	CVCCCCCCCCCCC
chrI	9557060	9557210	0.023	CVCCCCCCCCCCC
chrI	9576732	9576770	0.000105	CVCCCCCCCCCCC
chrI	9576732	9576770	0.00196	CVCCCCCCCCCCC
chrI	9576732	9576770	0.0209	CVCCCCCCCCCCC
chrI	960000	960150	0.0368	CVCCCCCCCCCCC
chrI	9626020	9626170	0.0412	CVCCCCCCCCCCC
chrI	9635960	9636110	0.000105	CVCCCCCCCCCCC
chrI	9635960	9636110	0.00196	CVCCCCCCCCCCC
chrI	9635960	9636110	0.0209	CVCCCCCCCCCCC
chrI	969426	969510	0.00943	CVCCCCCCCCCCC
chrI	969426	969510	0.032	CVCCCCCCCCCCC
chrI	969426	969510	0.0382	CVCCCCCCCCCCC
chrI	9760920	9761070	0.00129	CVCCCCCCCCCCC
chrI	9760920	9761070	0.0039	CVCCCCCCCCCCC
chrI	9760920	9761070	0.0137	CVCCCCCCCCCCC
chrI	9760920	9761070	0.0483	CVCCCCCCCCCCC
chrI	9803940	9804090	0.000105	CVCCCCCCCCCCC
chrI	9803940	9804090	0.00129	CVCCCCCCCCCCC
chrI	9803940	9804090	0.00196	CVCCCCCCCCCCC
chrI	9803940	9804090	0.0039	CVCCCCCCCCCCC
chrI	9803940	9804090	0.00592	CVCCCCCCCCCCC
chrI	9803940	9804090	0.00943	CVCCCCCCCCCCC
chrI	989040	989190	0.0137	CVCCCCCCCCCCC
chrI	989040	989190	0.0439	CVCCCCCCCCCCC
chrII	1001449	1001530	0.023	CVCCCCCCCCCCC
chrII	10065460	10065730	0.00186	CVCCCCCCCCCCC
chrII	10065460	10065730	0.00532	CVCCCCCCCCCCC
chrII	10065460	10065730	0.0209	CVCCCCCCCCCCC
chrII	10182500	10182620	0.0368	CVCCCCCCCCCCC
chrII	10278060	10278210	0.0267	CVCCCCCCCCCCC
chrII	10278060	10278210	0.032	CVCCCCCCCCCCC
chrII	10278060	10278210	0.0483	CVCCCCCCCCCCC
chrII	10437340	10437490	0.000105	CVCCCCCCCCCCC
chrII	10437340	10437490	0.00186	CVCCCCCCCCCCC
chrII	10437340	10437490	0.00196	CVCCCCCCCCCCC
chrII	10437340	10437490	0.00532	CVCCCCCCCCCCC
chrII	10437340	10437490	0.00638	CVCCCCCCCCCCC
chrII	10437340	10437490	0.0209	CVCCCCCCCCCCC
chrII	10502740	10502890	0.0382	CVCCCCCCCCCCC
chrII	10546720	10546870	0.00943	CVCCCCCCCCCCC

chrII	10556780	10556930	0.0368	CVCCCCCCCCCCC
chrII	10784320	10784470	0.000105	CVCCCCCCCCCCC
chrII	10784320	10784470	0.00032	CVCCCCCCCCCCC
chrII	10784320	10784470	0.00129	CVCCCCCCCCCCC
chrII	10784320	10784470	0.00186	CVCCCCCCCCCCC
chrII	10784320	10784470	0.0137	CVCCCCCCCCCCC
chrII	10784320	10784470	0.0185	CVCCCCCCCCCCC
chrII	10784320	10784470	0.0281	CVCCCCCCCCCCC
chrII	10966140	10966290	0.0039	CVCCCCCCCCCCC
chrII	10966140	10966290	0.0185	CVCCCCCCCCCCC
chrII	11030520	11030670	0.0368	CVCCCCCCCCCCC
chrII	11042560	11042710	0.023	CVCCCCCCCCCCC
chrII	11056080	11056230	0.000105	CVCCCCCCCCCCC
chrII	11056080	11056230	0.00129	CVCCCCCCCCCCC
chrII	11056080	11056230	0.0185	CVCCCCCCCCCCC
chrII	11077120	11077270	0.000105	CVCCCCCCCCCCC
chrII	11077120	11077270	0.00186	CVCCCCCCCCCCC
chrII	11077120	11077270	0.00196	CVCCCCCCCCCCC
chrII	11077120	11077270	0.00441	CVCCCCCCCCCCC
chrII	11077120	11077270	0.0281	CVCCCCCCCCCCC
chrII	11079680	11079830	0.00943	CVCCCCCCCCCCC
chrII	11079680	11079830	0.0483	CVCCCCCCCCCCC
chrII	11088260	11088410	0.0281	CVCCCCCCCCCCC
chrII	11280060	11280210	0.0152	CVCCCCCCCCCCC
chrII	11280060	11280210	0.0404	CVCCCCCCCCCCC
chrII	11280060	11280210	0.0458	CVCCCCCCCCCCC
chrII	11401380	11401530	0.00674	CVCCCCCCCCCCC
chrII	11402480	11402630	0.000105	CVCCCCCCCCCCC
chrII	11402480	11402630	0.00129	CVCCCCCCCCCCC
chrII	11402480	11402630	0.00196	CVCCCCCCCCCCC
chrII	11402480	11402630	0.00592	CVCCCCCCCCCCC
chrII	11402480	11402630	0.00943	CVCCCCCCCCCCC
chrII	11402480	11402630	0.0368	CVCCCCCCCCCCC
chrII	11429480	11429726	0.000105	CVCCCCCCCCCCC
chrII	11429480	11429726	0.00129	CVCCCCCCCCCCC
chrII	11429480	11429726	0.00196	CVCCCCCCCCCCC
chrII	11429480	11429726	0.00324	CVCCCCCCCCCCC
chrII	11429480	11429726	0.0209	CVCCCCCCCCCCC
chrII	11429480	11429726	0.0267	CVCCCCCCCCCCC
chrII	11429480	11429726	0.0382	CVCCCCCCCCCCC
chrII	11510440	11510590	0.0209	CVCCCCCCCCCCC
chrII	11591640	11591790	0.00268	CVCCCCCCCCCCC
chrII	11591640	11591790	0.00943	CVCCCCCCCCCCC
chrII	11591640	11591790	0.0382	CVCCCCCCCCCCC
chrII	11616140	11616290	0.0439	CVCCCCCCCCCCC
chrII	11645340	11645490	0.000105	CVCCCCCCCCCCC
chrII	11645340	11645490	0.000412	CVCCCCCCCCCCC

chrII	11645340	11645490	0.00196	CVCCCCCCCCCCC
chrII	11645340	11645490	0.00674	CVCCCCCCCCCCC
chrII	11645340	11645490	0.0185	CVCCCCCCCCCCC
chrII	11645340	11645490	0.0209	CVCCCCCCCCCCC
chrII	11748620	11748770	0.0458	CVCCCCCCCCCCC
chrII	11765662	11765690	0.0209	CVCCCCCCCCCCC
chrII	11765840	11765990	0.0209	CVCCCCCCCCCCC
chrII	11765840	11765990	0.0458	CVCCCCCCCCCCC
chrII	11789660	11789810	0.0439	CVCCCCCCCCCCC
chrII	11806020	11806170	0.0439	CVCCCCCCCCCCC
chrII	11819848	11819950	0.0353	CVCCCCCCCCCCC
chrII	11819848	11819950	0.0382	CVCCCCCCCCCCC
chrII	11903700	11903850	0.0468	CVCCCCCCCCCCC
chrII	11936700	11936850	0.0137	CVCCCCCCCCCCC
chrII	11936700	11936850	0.0404	CVCCCCCCCCCCC
chrII	11960741	11960890	0.000105	CVCCCCCCCCCCC
chrII	11960741	11960890	0.00129	CVCCCCCCCCCCC
chrII	11960741	11960890	0.00186	CVCCCCCCCCCCC
chrII	11960741	11960890	0.00324	CVCCCCCCCCCCC
chrII	11960741	11960890	0.00441	CVCCCCCCCCCCC
chrII	11960741	11960890	0.0152	CVCCCCCCCCCCC
chrII	11974080	11974230	0.0353	CVCCCCCCCCCCC
chrII	11975540	11975690	0.0468	CVCCCCCCCCCCC
chrII	1201420	1201570	0.000412	CVCCCCCCCCCCC
chrII	1201420	1201570	0.00196	CVCCCCCCCCCCC
chrII	1201420	1201570	0.0209	CVCCCCCCCCCCC
chrII	1210400	1210550	0.000105	CVCCCCCCCCCCC
chrII	1210400	1210550	0.000412	CVCCCCCCCCCCC
chrII	1210400	1210550	0.00186	CVCCCCCCCCCCC
chrII	1210400	1210550	0.00196	CVCCCCCCCCCCC
chrII	1210400	1210550	0.00532	CVCCCCCCCCCCC
chrII	1210400	1210550	0.0137	CVCCCCCCCCCCC
chrII	1210400	1210550	0.0209	CVCCCCCCCCCCC
chrII	12347760	12347910	0.0468	CVCCCCCCCCCCC
chrII	12354500	12354650	0.00268	CVCCCCCCCCCCC
chrII	12354500	12354650	0.00943	CVCCCCCCCCCCC
chrII	12354500	12354650	0.0382	CVCCCCCCCCCCC
chrII	12652400	12652550	0.00674	CVCCCCCCCCCCC
chrII	12652400	12652550	0.0209	CVCCCCCCCCCCC
chrII	12661480	12661630	0.00129	CVCCCCCCCCCCC
chrII	12661480	12661630	0.00196	CVCCCCCCCCCCC
chrII	12661480	12661630	0.00674	CVCCCCCCCCCCC
chrII	12661480	12661630	0.0185	CVCCCCCCCCCCC
chrII	12665160	12665310	0.000105	CVCCCCCCCCCCC
chrII	12665160	12665310	0.00129	CVCCCCCCCCCCC
chrII	12665160	12665310	0.00186	CVCCCCCCCCCCC
chrII	12665160	12665310	0.00441	CVCCCCCCCCCCC

chrII	12665160	12665310	0.00943	CVCCCCCCCCCCC
chrII	12665160	12665310	0.0281	CVCCCCCCCCCCC
chrII	12687340	12687490	0.000105	CVCCCCCCCCCCC
chrII	12687340	12687490	0.000412	CVCCCCCCCCCCC
chrII	12687340	12687490	0.00129	CVCCCCCCCCCCC
chrII	12687340	12687490	0.00196	CVCCCCCCCCCCC
chrII	12687340	12687490	0.0039	CVCCCCCCCCCCC
chrII	12687340	12687490	0.00943	CVCCCCCCCCCCC
chrII	12687340	12687490	0.0185	CVCCCCCCCCCCC
chrII	12778420	12778570	0.0458	CVCCCCCCCCCCC
chrII	12799480	12799630	0.0209	CVCCCCCCCCCCC
chrII	12944967	12945030	0.0209	CVCCCCCCCCCCC
chrII	12944967	12945030	0.0458	CVCCCCCCCCCCC
chrII	12949200	12949350	0.000105	CVCCCCCCCCCCC
chrII	12949200	12949350	0.00129	CVCCCCCCCCCCC
chrII	12949200	12949350	0.00186	CVCCCCCCCCCCC
chrII	12949200	12949350	0.00324	CVCCCCCCCCCCC
chrII	12949200	12949350	0.0209	CVCCCCCCCCCCC
chrII	12949200	12949350	0.0439	CVCCCCCCCCCCC
chrII	12951720	12951870	0.000105	CVCCCCCCCCCCC
chrII	12951720	12951870	0.00129	CVCCCCCCCCCCC
chrII	12951720	12951870	0.00324	CVCCCCCCCCCCC
chrII	12951720	12951870	0.00943	CVCCCCCCCCCCC
chrII	12951720	12951870	0.0382	CVCCCCCCCCCCC
chrII	12959300	12959450	0.032	CVCCCCCCCCCCC
chrII	12960300	12960450	0.0468	CVCCCCCCCCCCC
chrII	1298420	1298469	0.000225	CVCCCCCCCCCCC
chrII	1298420	1298469	0.00129	CVCCCCCCCCCCC
chrII	1298420	1298469	0.00196	CVCCCCCCCCCCC
chrII	1298420	1298469	0.0185	CVCCCCCCCCCCC
chrII	1298420	1298469	0.0209	CVCCCCCCCCCCC
chrII	1298420	1298469	0.0483	CVCCCCCCCCCCC
chrII	12987900	12988050	0.0185	CVCCCCCCCCCCC
chrII	12987900	12988050	0.032	CVCCCCCCCCCCC
chrII	12987900	12988050	0.0368	CVCCCCCCCCCCC
chrII	13029160	13029310	0.0382	CVCCCCCCCCCCC
chrII	13225340	13225490	0.000105	CVCCCCCCCCCCC
chrII	13225340	13225490	0.000412	CVCCCCCCCCCCC
chrII	13225340	13225490	0.00129	CVCCCCCCCCCCC
chrII	13225340	13225490	0.00196	CVCCCCCCCCCCC
chrII	13225340	13225490	0.00943	CVCCCCCCCCCCC
chrII	13225340	13225490	0.0185	CVCCCCCCCCCCC
chrII	13225340	13225490	0.0353	CVCCCCCCCCCCC
chrII	13225340	13225490	0.0439	CVCCCCCCCCCCC
chrII	1324240	1324390	0.0439	CVCCCCCCCCCCC
chrII	13245180	13245330	0.0404	CVCCCCCCCCCCC
chrII	13480640	13480790	0.000105	CVCCCCCCCCCCC

chrII	13480640	13480790	0.00129	CVCCCCCCCCCCC
chrII	13480640	13480790	0.0137	CVCCCCCCCCCCC
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chrII	1368299	1368410	0.0412	CVCCCCCCCCCCC
chrII	13789780	13789930	0.00674	CVCCCCCCCCCCC
chrII	13789780	13789930	0.023	CVCCCCCCCCCCC
chrII	13843660	13843810	0.0439	CVCCCCCCCCCCC
chrII	13965767	13965910	0.00268	CVCCCCCCCCCCC
chrII	13965767	13965910	0.00943	CVCCCCCCCCCCC
chrII	13965767	13965910	0.0185	CVCCCCCCCCCCC
chrII	14018360	14018510	0.032	CVCCCCCCCCCCC
chrII	14022020	14022170	0.000105	CVCCCCCCCCCCC
chrII	14022020	14022170	0.00129	CVCCCCCCCCCCC
chrII	14022020	14022170	0.00324	CVCCCCCCCCCCC
chrII	14022020	14022170	0.0137	CVCCCCCCCCCCC
chrII	14022020	14022170	0.0404	CVCCCCCCCCCCC
chrII	14038320	14038470	0.00674	CVCCCCCCCCCCC
chrII	14038320	14038470	0.0185	CVCCCCCCCCCCC
chrII	14038320	14038470	0.0209	CVCCCCCCCCCCC
chrII	14098480	14098630	0.0483	CVCCCCCCCCCCC
chrII	14109260	14109410	0.032	CVCCCCCCCCCCC
chrII	14197940	14198046	0.023	CVCCCCCCCCCCC
chrII	14261780	14261930	0.000105	CVCCCCCCCCCCC
chrII	14261780	14261930	0.000412	CVCCCCCCCCCCC
chrII	14261780	14261930	0.00186	CVCCCCCCCCCCC
chrII	14261780	14261930	0.00196	CVCCCCCCCCCCC
chrII	14261780	14261930	0.0209	CVCCCCCCCCCCC
chrII	14261780	14261930	0.0458	CVCCCCCCCCCCC
chrII	14454660	14454810	0.0039	CVCCCCCCCCCCC
chrII	14454660	14454810	0.0185	CVCCCCCCCCCCC
chrII	14454660	14454810	0.0209	CVCCCCCCCCCCC
chrII	14466500	14466650	0.000105	CVCCCCCCCCCCC
chrII	14466500	14466650	0.00129	CVCCCCCCCCCCC
chrII	14466500	14466650	0.00324	CVCCCCCCCCCCC
chrII	14466500	14466650	0.0185	CVCCCCCCCCCCC
chrII	14466500	14466650	0.0439	CVCCCCCCCCCCC
chrII	1461520	1461670	0.00196	CVCCCCCCCCCCC
chrII	1461520	1461670	0.0209	CVCCCCCCCCCCC
chrII	14668760	14668910	0.0185	CVCCCCCCCCCCC
chrII	14668760	14668910	0.0209	CVCCCCCCCCCCC
chrII	14668760	14668910	0.0483	CVCCCCCCCCCCC
chrII	14705960	14706110	0.0209	CVCCCCCCCCCCC
chrII	1472780	1472912	0.032	CVCCCCCCCCCCC
chrII	14784300	14784450	0.023	CVCCCCCCCCCCC
chrII	14801260	14801410	0.0185	CVCCCCCCCCCCC
chrII	14801260	14801410	0.032	CVCCCCCCCCCCC
chrII	1502040	1502190	0.032	CVCCCCCCCCCCC

chrII	15118180	15118330	0.00032	CVCCCCCCCCCCCC
chrII	15118180	15118330	0.00186	CVCCCCCCCCCCCC
chrII	15118180	15118330	0.0152	CVCCCCCCCCCCCC
chrII	15118180	15118330	0.0185	CVCCCCCCCCCCCC
chrII	15118180	15118330	0.0209	CVCCCCCCCCCCCC
chrII	15118180	15118330	0.0404	CVCCCCCCCCCCCC
chrII	15218040	15218190	0.0185	CVCCCCCCCCCCCC
chrII	15218040	15218190	0.0483	CVCCCCCCCCCCCC
chrII	15273960	15274110	0.0404	CVCCCCCCCCCCCC
chrII	1759740	1759889	0.0353	CVCCCCCCCCCCCC
chrII	1806474	1806590	0.0483	CVCCCCCCCCCCCC
chrII	194640	194790	0.0353	CVCCCCCCCCCCCC
chrII	194640	194790	0.0468	CVCCCCCCCCCCCC
chrII	2019300	2019450	0.0468	CVCCCCCCCCCCCC
chrII	2092080	2092230	0.0185	CVCCCCCCCCCCCC
chrII	2092080	2092230	0.032	CVCCCCCCCCCCCC
chrII	2148060	2148210	0.0152	CVCCCCCCCCCCCC
chrII	2148060	2148210	0.0281	CVCCCCCCCCCCCC
chrII	232920	233070	0.000105	CVCCCCCCCCCCCC
chrII	232920	233070	0.000412	CVCCCCCCCCCCCC
chrII	232920	233070	0.00129	CVCCCCCCCCCCCC
chrII	232920	233070	0.00196	CVCCCCCCCCCCCC
chrII	232920	233070	0.00674	CVCCCCCCCCCCCC
chrII	232920	233070	0.00943	CVCCCCCCCCCCCC
chrII	232920	233070	0.0209	CVCCCCCCCCCCCC
chrII	2500920	2501070	0.00943	CVCCCCCCCCCCCC
chrII	2500920	2501070	0.023	CVCCCCCCCCCCCC
chrII	2522460	2522610	0.000105	CVCCCCCCCCCCCC
chrII	2522460	2522610	0.00186	CVCCCCCCCCCCCC
chrII	2522460	2522610	0.00196	CVCCCCCCCCCCCC
chrII	2522460	2522610	0.00674	CVCCCCCCCCCCCC
chrII	2522460	2522610	0.0209	CVCCCCCCCCCCCC
chrII	2687040	2687190	0.0281	CVCCCCCCCCCCCC
chrII	2692560	2692710	0.00196	CVCCCCCCCCCCCC
chrII	2692560	2692710	0.0209	CVCCCCCCCCCCCC
chrII	2695160	2695310	0.000105	CVCCCCCCCCCCCC
chrII	2695160	2695310	0.00186	CVCCCCCCCCCCCC
chrII	2695160	2695310	0.00196	CVCCCCCCCCCCCC
chrII	2695160	2695310	0.00532	CVCCCCCCCCCCCC
chrII	2695160	2695310	0.0209	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.000105	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.00129	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.00196	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.00324	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.00441	CVCCCCCCCCCCCC
chrII	2719340	2719490	0.0185	CVCCCCCCCCCCCC
chrII	2734860	2735010	0.023	CVCCCCCCCCCCCC

chrII	2832640	2832790	0.0185	CVCCCCCCCCCCC
chrII	2832640	2832790	0.032	CVCCCCCCCCCCC
chrII	2859980	2860130	0.0185	CVCCCCCCCCCCC
chrII	2874560	2874710	0.0353	CVCCCCCCCCCCC
chrII	2948026	2948090	0.000105	CVCCCCCCCCCCC
chrII	2948026	2948090	0.00129	CVCCCCCCCCCCC
chrII	2948026	2948090	0.00268	CVCCCCCCCCCCC
chrII	2948026	2948090	0.0137	CVCCCCCCCCCCC
chrII	2948026	2948090	0.023	CVCCCCCCCCCCC
chrII	2967460	2967610	0.000105	CVCCCCCCCCCCC
chrII	2967460	2967610	0.00032	CVCCCCCCCCCCC
chrII	2967460	2967610	0.00129	CVCCCCCCCCCCC
chrII	2967460	2967610	0.00186	CVCCCCCCCCCCC
chrII	2967460	2967610	0.0137	CVCCCCCCCCCCC
chrII	2967460	2967610	0.0152	CVCCCCCCCCCCC
chrII	3229115	3229170	0.023	CVCCCCCCCCCCC
chrII	3229115	3229170	0.0382	CVCCCCCCCCCCC
chrII	3232120	3232270	0.00674	CVCCCCCCCCCCC
chrII	3232120	3232270	0.0209	CVCCCCCCCCCCC
chrII	3232120	3232270	0.0439	CVCCCCCCCCCCC
chrII	3304420	3304570	0.0209	CVCCCCCCCCCCC
chrII	3313480	3313630	0.0458	CVCCCCCCCCCCC
chrII	3385980	3386130	0.0209	CVCCCCCCCCCCC
chrII	3385980	3386130	0.0468	CVCCCCCCCCCCC
chrII	3386580	3386730	0.0185	CVCCCCCCCCCCC
chrII	3428320	3428470	0.032	CVCCCCCCCCCCC
chrII	3437320	3437470	0.00674	CVCCCCCCCCCCC
chrII	3437320	3437470	0.0209	CVCCCCCCCCCCC
chrII	3437320	3437470	0.0439	CVCCCCCCCCCCC
chrII	3596100	3596250	0.00196	CVCCCCCCCCCCC
chrII	3596100	3596250	0.0039	CVCCCCCCCCCCC
chrII	3596100	3596250	0.00592	CVCCCCCCCCCCC
chrII	3596100	3596250	0.0185	CVCCCCCCCCCCC
chrII	3596100	3596250	0.0209	CVCCCCCCCCCCC
chrII	3658360	3658510	0.000105	CVCCCCCCCCCCC
chrII	3658360	3658510	0.00129	CVCCCCCCCCCCC
chrII	3658360	3658510	0.0039	CVCCCCCCCCCCC
chrII	3658360	3658510	0.0185	CVCCCCCCCCCCC
chrII	367820	367970	0.00674	CVCCCCCCCCCCC
chrII	367820	367970	0.0185	CVCCCCCCCCCCC
chrII	367820	367970	0.0209	CVCCCCCCCCCCC
chrII	393320	393470	0.0185	CVCCCCCCCCCCC
chrII	393320	393470	0.032	CVCCCCCCCCCCC
chrII	393320	393470	0.0368	CVCCCCCCCCCCC
chrII	3978360	3978510	0.000105	CVCCCCCCCCCCC
chrII	3978360	3978510	0.00129	CVCCCCCCCCCCC
chrII	3978360	3978510	0.00186	CVCCCCCCCCCCC

chrII	3978360	3978510	0.00441	CVCCCCCCCCCCC
chrII	3978360	3978510	0.0185	CVCCCCCCCCCCC
chrII	3978360	3978510	0.0267	CVCCCCCCCCCCC
chrII	4006380	4006530	0.0209	CVCCCCCCCCCCC
chrII	4019440	4019590	0.000105	CVCCCCCCCCCCC
chrII	4019440	4019590	0.00129	CVCCCCCCCCCCC
chrII	4019440	4019590	0.0185	CVCCCCCCCCCCC
chrII	4069020	4069170	0.0209	CVCCCCCCCCCCC
chrII	4073480	4073630	0.00196	CVCCCCCCCCCCC
chrII	4073480	4073630	0.0209	CVCCCCCCCCCCC
chrII	4073480	4073630	0.0368	CVCCCCCCCCCCC
chrII	4081280	4081430	0.000105	CVCCCCCCCCCCC
chrII	4081280	4081430	0.00196	CVCCCCCCCCCCC
chrII	4081280	4081430	0.00532	CVCCCCCCCCCCC
chrII	4081280	4081430	0.00638	CVCCCCCCCCCCC
chrII	4081280	4081430	0.0209	CVCCCCCCCCCCC
chrII	4087680	4087830	0.000105	CVCCCCCCCCCCC
chrII	4087680	4087830	0.00196	CVCCCCCCCCCCC
chrII	4087680	4087830	0.00674	CVCCCCCCCCCCC
chrII	4087680	4087830	0.0209	CVCCCCCCCCCCC
chrII	4087680	4087830	0.0368	CVCCCCCCCCCCC
chrII	4089280	4089430	0.0468	CVCCCCCCCCCCC
chrII	4103940	4104090	0.000105	CVCCCCCCCCCCC
chrII	4103940	4104090	0.000225	CVCCCCCCCCCCC
chrII	4103940	4104090	0.00129	CVCCCCCCCCCCC
chrII	4103940	4104090	0.00592	CVCCCCCCCCCCC
chrII	4103940	4104090	0.0185	CVCCCCCCCCCCC
chrII	4134867	4134970	0.0468	CVCCCCCCCCCCC
chrII	4209200	4209350	0.0439	CVCCCCCCCCCCC
chrII	4392840	4392950	0.00592	CVCCCCCCCCCCC
chrII	4392840	4392950	0.0185	CVCCCCCCCCCCC
chrII	4392840	4392950	0.032	CVCCCCCCCCCCC
chrII	4571200	4571350	0.0137	CVCCCCCCCCCCC
chrII	4571200	4571350	0.0152	CVCCCCCCCCCCC
chrII	4571200	4571350	0.0412	CVCCCCCCCCCCC
chrII	4571200	4571350	0.0458	CVCCCCCCCCCCC
chrII	4573220	4573370	0.023	CVCCCCCCCCCCC
chrII	4574820	4574970	0.0209	CVCCCCCCCCCCC
chrII	4575620	4575770	0.000105	CVCCCCCCCCCCC
chrII	4575620	4575770	0.00186	CVCCCCCCCCCCC
chrII	4575620	4575770	0.00441	CVCCCCCCCCCCC
chrII	4575620	4575770	0.0281	CVCCCCCCCCCCC
chrII	4767860	4768010	0.0209	CVCCCCCCCCCCC
chrII	4785140	4785290	0.023	CVCCCCCCCCCCC
chrII	4847120	4847270	0.023	CVCCCCCCCCCCC
chrII	4867820	4867970	0.0404	CVCCCCCCCCCCC
chrII	4918680	4918830	0.00196	CVCCCCCCCCCCC

chrII	4918680	4918830	0.0185	CVCCCCCCCCCCC
chrII	4918680	4918830	0.0209	CVCCCCCCCCCCC
chrII	4980360	4980510	0.032	CVCCCCCCCCCCC
chrII	4981800	4981950	0.0404	CVCCCCCCCCCCC
chrII	4986760	4986910	0.0185	CVCCCCCCCCCCC
chrII	5067995	5068130	0.00674	CVCCCCCCCCCCC
chrII	5067995	5068130	0.0185	CVCCCCCCCCCCC
chrII	5226420	5226570	0.00532	CVCCCCCCCCCCC
chrII	5271980	5272130	0.0404	CVCCCCCCCCCCC
chrII	5271980	5272130	0.0412	CVCCCCCCCCCCC
chrII	5459660	5459810	0.0137	CVCCCCCCCCCCC
chrII	5459660	5459810	0.0185	CVCCCCCCCCCCC
chrII	5459660	5459810	0.032	CVCCCCCCCCCCC
chrII	5749840	5749990	0.0039	CVCCCCCCCCCCC
chrII	5749840	5749990	0.0209	CVCCCCCCCCCCC
chrII	584720	584836	0.0368	CVCCCCCCCCCCC
chrII	5889120	5889270	0.0209	CVCCCCCCCCCCC
chrII	6014040	6014190	0.0382	CVCCCCCCCCCCC
chrII	603140	603290	0.0483	CVCCCCCCCCCCC
chrII	6415120	6415270	0.0458	CVCCCCCCCCCCC
chrII	6834700	6834850	0.023	CVCCCCCCCCCCC
chrII	6834700	6834850	0.0267	CVCCCCCCCCCCC
chrII	6834700	6834850	0.0404	CVCCCCCCCCCCC
chrII	6834700	6834850	0.0483	CVCCCCCCCCCCC
chrII	6838440	6838590	0.032	CVCCCCCCCCCCC
chrII	6866380	6866530	0.0185	CVCCCCCCCCCCC
chrII	6866380	6866530	0.0209	CVCCCCCCCCCCC
chrII	6866380	6866530	0.0483	CVCCCCCCCCCCC
chrII	7060420	7060570	0.0353	CVCCCCCCCCCCC
chrII	7189260	7189410	0.0483	CVCCCCCCCCCCC
chrII	7421580	7421730	0.0185	CVCCCCCCCCCCC
chrII	7421580	7421730	0.0267	CVCCCCCCCCCCC
chrII	7589920	7590070	0.00129	CVCCCCCCCCCCC
chrII	7589920	7590070	0.00268	CVCCCCCCCCCCC
chrII	7589920	7590070	0.00943	CVCCCCCCCCCCC
chrII	7589920	7590070	0.0137	CVCCCCCCCCCCC
chrII	761860	762010	0.00674	CVCCCCCCCCCCC
chrII	761860	762010	0.0209	CVCCCCCCCCCCC
chrII	764080	764230	0.00674	CVCCCCCCCCCCC
chrII	7644420	7644570	0.0267	CVCCCCCCCCCCC
chrII	775180	775330	0.00674	CVCCCCCCCCCCC
chrII	775180	775330	0.0209	CVCCCCCCCCCCC
chrII	784280	784430	0.023	CVCCCCCCCCCCC
chrII	7919320	7919470	0.000105	CVCCCCCCCCCCC
chrII	7919320	7919470	0.00186	CVCCCCCCCCCCC
chrII	7919320	7919470	0.00532	CVCCCCCCCCCCC
chrII	7919320	7919470	0.0209	CVCCCCCCCCCCC

chrII	7968260	7968410	0.0439	CVCCCCCCCCCCC
chrII	7982880	7983030	0.00129	CVCCCCCCCCCCC
chrII	7982880	7983030	0.00196	CVCCCCCCCCCCC
chrII	7982880	7983030	0.00674	CVCCCCCCCCCCC
chrII	7982880	7983030	0.0185	CVCCCCCCCCCCC
chrII	8499240	8499390	0.0404	CVCCCCCCCCCCC
chrII	85706	85830	0.0209	CVCCCCCCCCCCC
chrII	8743600	8743725	0.0468	CVCCCCCCCCCCC
chrII	8873660	8873806	0.032	CVCCCCCCCCCCC
chrII	9013380	9013530	0.0267	CVCCCCCCCCCCC
chrII	9015140	9015290	0.0152	CVCCCCCCCCCCC
chrII	9015140	9015290	0.0209	CVCCCCCCCCCCC
chrII	9072860	9073010	0.0468	CVCCCCCCCCCCC
chrII	9308720	9308870	0.00943	CVCCCCCCCCCCC
chrII	9308720	9308870	0.032	CVCCCCCCCCCCC
chrII	9366960	9367110	0.0353	CVCCCCCCCCCCC
chrII	9430340	9430490	0.0368	CVCCCCCCCCCCC
chrII	9488860	9489010	0.0267	CVCCCCCCCCCCC
chrII	9562000	9562150	0.0185	CVCCCCCCCCCCC
chrII	9562000	9562150	0.0209	CVCCCCCCCCCCC
chrII	9562000	9562150	0.032	CVCCCCCCCCCCC
chrII	9578660	9578810	0.0152	CVCCCCCCCCCCC
chrII	9583560	9583710	0.0458	CVCCCCCCCCCCC
chrII	9776860	9777010	0.023	CVCCCCCCCCCCC
chrII	9901740	9901890	0.032	CVCCCCCCCCCCC
chrII	9955700	9955850	0.0209	CVCCCCCCCCCCC
chrIII	10018140	10018290	0.0483	CVCCCCCCCCCCC
chrIII	10151820	10151970	0.032	CVCCCCCCCCCCC
chrIII	10167720	10167870	0.0468	CVCCCCCCCCCCC
chrIII	1017140	1017290	0.0209	CVCCCCCCCCCCC
chrIII	1017140	1017290	0.0368	CVCCCCCCCCCCC
chrIII	10172020	10172170	0.0209	CVCCCCCCCCCCC
chrIII	10291840	10291990	0.000105	CVCCCCCCCCCCC
chrIII	10291840	10291990	0.00129	CVCCCCCCCCCCC
chrIII	10291840	10291990	0.00196	CVCCCCCCCCCCC
chrIII	10291840	10291990	0.00674	CVCCCCCCCCCCC
chrIII	10291840	10291990	0.00943	CVCCCCCCCCCCC
chrIII	10388460	10388610	0.0483	CVCCCCCCCCCCC
chrIII	10487920	10488070	0.032	CVCCCCCCCCCCC
chrIII	10534220	10534370	0.0137	CVCCCCCCCCCCC
chrIII	10534220	10534370	0.0209	CVCCCCCCCCCCC
chrIII	10534220	10534370	0.0404	CVCCCCCCCCCCC
chrIII	10545800	10545950	0.00196	CVCCCCCCCCCCC
chrIII	10545800	10545950	0.0185	CVCCCCCCCCCCC
chrIII	10545800	10545950	0.0209	CVCCCCCCCCCCC
chrIII	10545800	10545950	0.0353	CVCCCCCCCCCCC
chrIII	10666700	10666850	0.0483	CVCCCCCCCCCCC

chrIII	10777342	10777490	0.0353	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.000105	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.00129	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.00196	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.00638	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.00943	CVCCCCCCCCCCC
chrIII	10806860	10807010	0.0458	CVCCCCCCCCCCC
chrIII	10828500	10828650	0.000105	CVCCCCCCCCCCC
chrIII	10828500	10828650	0.000412	CVCCCCCCCCCCC
chrIII	10828500	10828650	0.00196	CVCCCCCCCCCCC
chrIII	10828500	10828650	0.0209	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.000105	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.000225	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.000412	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.00129	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.00196	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.00532	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.0185	CVCCCCCCCCCCC
chrIII	10829480	10829630	0.0209	CVCCCCCCCCCCC
chrIII	10922520	10922670	0.0209	CVCCCCCCCCCCC
chrIII	10950460	10950610	0.0137	CVCCCCCCCCCCC
chrIII	10957840	10957990	0.000105	CVCCCCCCCCCCC
chrIII	10957840	10957990	0.00129	CVCCCCCCCCCCC
chrIII	10957840	10957990	0.00268	CVCCCCCCCCCCC
chrIII	10957840	10957990	0.0185	CVCCCCCCCCCCC
chrIII	10957840	10957990	0.023	CVCCCCCCCCCCC
chrIII	11000480	11000630	0.000105	CVCCCCCCCCCCC
chrIII	11000480	11000630	0.00129	CVCCCCCCCCCCC
chrIII	11000480	11000630	0.00186	CVCCCCCCCCCCC
chrIII	11000480	11000630	0.0039	CVCCCCCCCCCCC
chrIII	11000480	11000630	0.0209	CVCCCCCCCCCCC
chrIII	1101900	1102050	0.000105	CVCCCCCCCCCCC
chrIII	1101900	1102050	0.00129	CVCCCCCCCCCCC
chrIII	1101900	1102050	0.00196	CVCCCCCCCCCCC
chrIII	1101900	1102050	0.0185	CVCCCCCCCCCCC
chrIII	11197360	11197510	0.000105	CVCCCCCCCCCCC
chrIII	11197360	11197510	0.00186	CVCCCCCCCCCCC
chrIII	11197360	11197510	0.00196	CVCCCCCCCCCCC
chrIII	11197360	11197510	0.00532	CVCCCCCCCCCCC
chrIII	11197360	11197510	0.0209	CVCCCCCCCCCCC
chrIII	11236870	11236950	0.0404	CVCCCCCCCCCCC
chrIII	11321900	11321981	0.0281	CVCCCCCCCCCCC
chrIII	11321900	11321981	0.0404	CVCCCCCCCCCCC
chrIII	1136880	1137030	0.00196	CVCCCCCCCCCCC
chrIII	1136880	1137030	0.00674	CVCCCCCCCCCCC
chrIII	1136880	1137030	0.0209	CVCCCCCCCCCCC
chrIII	1136880	1137030	0.0468	CVCCCCCCCCCCC

chrIII	11397660	11397810	0.0185	CVCCCCCCCCCCC
chrIII	11452620	11452770	0.0185	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.000412	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.00129	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.00196	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.0185	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.0209	CVCCCCCCCCCCC
chrIII	11457900	11458050	0.0468	CVCCCCCCCCCCC
chrIII	11467760	11467910	0.0281	CVCCCCCCCCCCC
chrIII	11468580	11468692	0.0382	CVCCCCCCCCCCC
chrIII	11488972	11489070	0.0458	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.000105	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.00129	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.00186	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.00324	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.0209	CVCCCCCCCCCCC
chrIII	11558660	11558810	0.0439	CVCCCCCCCCCCC
chrIII	11559840	11559990	0.023	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.000105	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.000225	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.00129	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.00196	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.00674	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.0185	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.0209	CVCCCCCCCCCCC
chrIII	1162080	1162230	0.0483	CVCCCCCCCCCCC
chrIII	11673100	11673250	0.0483	CVCCCCCCCCCCC
chrIII	11869960	11870110	0.0382	CVCCCCCCCCCCC
chrIII	11895160	11895310	0.0185	CVCCCCCCCCCCC
chrIII	11895160	11895310	0.0439	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.000105	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.000412	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.00129	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.00196	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.0185	CVCCCCCCCCCCC
chrIII	12018780	12018930	0.0209	CVCCCCCCCCCCC
chrIII	12082060	12082210	0.00196	CVCCCCCCCCCCC
chrIII	12082060	12082210	0.00638	CVCCCCCCCCCCC
chrIII	12082060	12082210	0.0185	CVCCCCCCCCCCC
chrIII	12082060	12082210	0.0209	CVCCCCCCCCCCC
chrIII	12082060	12082210	0.0468	CVCCCCCCCCCCC
chrIII	12084940	12085090	0.0152	CVCCCCCCCCCCC
chrIII	12084940	12085090	0.0412	CVCCCCCCCCCCC
chrIII	12210800	12210950	0.00196	CVCCCCCCCCCCC
chrIII	12210800	12210950	0.00674	CVCCCCCCCCCCC
chrIII	12210800	12210950	0.0209	CVCCCCCCCCCCC
chrIII	12472541	12472690	0.00186	CVCCCCCCCCCCC

chrIII	12472541	12472690	0.00196	CVCCCCCCCCCCC
chrIII	12472541	12472690	0.0209	CVCCCCCCCCCCC
chrIII	12535560	12535710	0.00196	CVCCCCCCCCCCC
chrIII	12535560	12535710	0.00324	CVCCCCCCCCCCC
chrIII	12535560	12535710	0.0185	CVCCCCCCCCCCC
chrIII	12535560	12535710	0.0404	CVCCCCCCCCCCC
chrIII	12644620	12644770	0.0404	CVCCCCCCCCCCC
chrIII	12838980	12839130	0.000105	CVCCCCCCCCCCC
chrIII	12838980	12839130	0.00196	CVCCCCCCCCCCC
chrIII	12838980	12839130	0.0209	CVCCCCCCCCCCC
chrIII	12848920	12849070	0.0209	CVCCCCCCCCCCC
chrIII	12848920	12849070	0.0468	CVCCCCCCCCCCC
chrIII	12905360	12905491	0.023	CVCCCCCCCCCCC
chrIII	13062440	13062590	0.032	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.000105	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.00129	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.00196	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.00324	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.00441	CVCCCCCCCCCCC
chrIII	13118901	13119029	0.0209	CVCCCCCCCCCCC
chrIII	13180780	13180930	0.00129	CVCCCCCCCCCCC
chrIII	13180780	13180930	0.00196	CVCCCCCCCCCCC
chrIII	13180780	13180930	0.00324	CVCCCCCCCCCCC
chrIII	13180780	13180930	0.0209	CVCCCCCCCCCCC
chrIII	13180780	13180930	0.0439	CVCCCCCCCCCCC
chrIII	13221160	13221310	0.000105	CVCCCCCCCCCCC
chrIII	13221160	13221310	0.00129	CVCCCCCCCCCCC
chrIII	13221160	13221310	0.00196	CVCCCCCCCCCCC
chrIII	13221160	13221310	0.0039	CVCCCCCCCCCCC
chrIII	13221160	13221310	0.0185	CVCCCCCCCCCCC
chrIII	13658060	13658210	0.0412	CVCCCCCCCCCCC
chrIII	13710340	13710490	0.0468	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.000105	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.00129	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.00186	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.00324	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.0152	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.0267	CVCCCCCCCCCCC
chrIII	13713060	13713210	0.0382	CVCCCCCCCCCCC
chrIII	1424360	1424510	0.0458	CVCCCCCCCCCCC
chrIII	1447100	1447250	0.0152	CVCCCCCCCCCCC
chrIII	1447100	1447250	0.0439	CVCCCCCCCCCCC
chrIII	1447100	1447250	0.0458	CVCCCCCCCCCCC
chrIII	1745840	1745990	0.00943	CVCCCCCCCCCCC
chrIII	1745840	1745990	0.0209	CVCCCCCCCCCCC
chrIII	1758480	1758630	0.0185	CVCCCCCCCCCCC
chrIII	1768380	1768530	0.0209	CVCCCCCCCCCCC

chrIII	1789060	1789147	0.00943	CVCCCCCCCCCCC
chrIII	1789060	1789147	0.0267	CVCCCCCCCCCCC
chrIII	1789060	1789147	0.0382	CVCCCCCCCCCCC
chrIII	1789060	1789147	0.0404	CVCCCCCCCCCCC
chrIII	1866440	1866590	0.0353	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.000105	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.00129	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.00196	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.00592	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.00943	CVCCCCCCCCCCC
chrIII	2032120	2032270	0.0368	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.00196	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.0039	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.00592	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.0185	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.0209	CVCCCCCCCCCCC
chrIII	2051620	2051770	0.0439	CVCCCCCCCCCCC
chrIII	2077500	2077650	0.0209	CVCCCCCCCCCCC
chrIII	2077500	2077650	0.0353	CVCCCCCCCCCCC
chrIII	2077500	2077650	0.0439	CVCCCCCCCCCCC
chrIII	213760	213910	0.00592	CVCCCCCCCCCCC
chrIII	213760	213910	0.00943	CVCCCCCCCCCCC
chrIII	213760	213910	0.0185	CVCCCCCCCCCCC
chrIII	2254960	2255110	0.0458	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.000105	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.000412	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.00196	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.0185	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.0209	CVCCCCCCCCCCC
chrIII	2388420	2388570	0.0439	CVCCCCCCCCCCC
chrIII	2389600	2389750	0.0404	CVCCCCCCCCCCC
chrIII	2471960	2472110	0.00196	CVCCCCCCCCCCC
chrIII	2471960	2472110	0.0039	CVCCCCCCCCCCC
chrIII	2471960	2472110	0.0185	CVCCCCCCCCCCC
chrIII	2471960	2472110	0.0209	CVCCCCCCCCCCC
chrIII	2472660	2472810	0.00592	CVCCCCCCCCCCC
chrIII	2472660	2472810	0.00943	CVCCCCCCCCCCC
chrIII	2472660	2472810	0.0137	CVCCCCCCCCCCC
chrIII	2472660	2472810	0.0185	CVCCCCCCCCCCC
chrIII	2523036	2523130	0.00196	CVCCCCCCCCCCC
chrIII	2523036	2523130	0.0209	CVCCCCCCCCCCC
chrIII	2523036	2523130	0.0439	CVCCCCCCCCCCC
chrIII	2634820	2634970	0.0382	CVCCCCCCCCCCC
chrIII	2645040	2645190	0.000105	CVCCCCCCCCCCC
chrIII	2645040	2645190	0.00186	CVCCCCCCCCCCC
chrIII	2645040	2645190	0.00196	CVCCCCCCCCCCC
chrIII	2645040	2645190	0.00441	CVCCCCCCCCCCC

chrIII	2645040	2645190	0.0209	CVCCCCCCCCCCC
chrIII	2645040	2645190	0.0267	CVCCCCCCCCCCC
chrIII	2657880	2658030	0.00196	CVCCCCCCCCCCC
chrIII	2657880	2658030	0.0209	CVCCCCCCCCCCC
chrIII	2657880	2658030	0.0439	CVCCCCCCCCCCC
chrIII	2684920	2685070	0.0185	CVCCCCCCCCCCC
chrIII	28460	28610	0.00196	CVCCCCCCCCCCC
chrIII	28460	28610	0.0039	CVCCCCCCCCCCC
chrIII	28460	28610	0.00674	CVCCCCCCCCCCC
chrIII	28460	28610	0.0185	CVCCCCCCCCCCC
chrIII	28460	28610	0.0209	CVCCCCCCCCCCC
chrIII	2871960	2872110	0.00943	CVCCCCCCCCCCC
chrIII	2871960	2872110	0.0483	CVCCCCCCCCCCC
chrIII	2909040	2909190	0.0468	CVCCCCCCCCCCC
chrIII	2969500	2969643	0.0209	CVCCCCCCCCCCC
chrIII	2969500	2969643	0.0468	CVCCCCCCCCCCC
chrIII	3092740	3092890	0.00196	CVCCCCCCCCCCC
chrIII	3092740	3092890	0.0185	CVCCCCCCCCCCC
chrIII	3092740	3092890	0.0209	CVCCCCCCCCCCC
chrIII	3092740	3092890	0.0353	CVCCCCCCCCCCC
chrIII	3092740	3092890	0.0404	CVCCCCCCCCCCC
chrIII	3127740	3127890	0.023	CVCCCCCCCCCCC
chrIII	3127740	3127890	0.0382	CVCCCCCCCCCCC
chrIII	315040	315190	0.0412	CVCCCCCCCCCCC
chrIII	3165920	3166070	0.00674	CVCCCCCCCCCCC
chrIII	3165920	3166070	0.0185	CVCCCCCCCCCCC
chrIII	3165920	3166070	0.0209	CVCCCCCCCCCCC
chrIII	3165920	3166070	0.0458	CVCCCCCCCCCCC
chrIII	3186580	3186700	0.00186	CVCCCCCCCCCCC
chrIII	3186580	3186700	0.00532	CVCCCCCCCCCCC
chrIII	3186580	3186700	0.0209	CVCCCCCCCCCCC
chrIII	3192320	3192470	0.0404	CVCCCCCCCCCCC
chrIII	3213040	3213190	0.000105	CVCCCCCCCCCCC
chrIII	3213040	3213190	0.00196	CVCCCCCCCCCCC
chrIII	3213040	3213190	0.0209	CVCCCCCCCCCCC
chrIII	34260	34410	0.000105	CVCCCCCCCCCCC
chrIII	34260	34410	0.00196	CVCCCCCCCCCCC
chrIII	34260	34410	0.00592	CVCCCCCCCCCCC
chrIII	34260	34410	0.0209	CVCCCCCCCCCCC
chrIII	34260	34410	0.032	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.000105	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.00186	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.00196	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.00441	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.0209	CVCCCCCCCCCCC
chrIII	3638640	3638790	0.0281	CVCCCCCCCCCCC
chrIII	3665820	3665970	0.0458	CVCCCCCCCCCCC

chrIII	3734143	3734243	0.0368	CVCCCCCCCCCCC
chrIII	373480	373522	0.0209	CVCCCCCCCCCCC
chrIII	373480	373522	0.032	CVCCCCCCCCCCC
chrIII	3786580	3786716	0.0267	CVCCCCCCCCCCC
chrIII	3863060	3863210	0.0209	CVCCCCCCCCCCC
chrIII	3863060	3863210	0.0458	CVCCCCCCCCCCC
chrIII	39700	39850	0.00186	CVCCCCCCCCCCC
chrIII	39700	39850	0.00196	CVCCCCCCCCCCC
chrIII	39700	39850	0.00441	CVCCCCCCCCCCC
chrIII	39700	39850	0.0185	CVCCCCCCCCCCC
chrIII	39700	39850	0.0353	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.000105	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.000412	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.00129	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.00196	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.0185	CVCCCCCCCCCCC
chrIII	3977080	3977230	0.032	CVCCCCCCCCCCC
chrIII	4049220	4049370	0.00196	CVCCCCCCCCCCC
chrIII	4049220	4049370	0.0209	CVCCCCCCCCCCC
chrIII	4092100	4092250	0.0353	CVCCCCCCCCCCC
chrIII	4280940	4281090	0.023	CVCCCCCCCCCCC
chrIII	4280940	4281090	0.032	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.000105	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.00186	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.00196	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.00486	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.0185	CVCCCCCCCCCCC
chrIII	4296610	4296690	0.0458	CVCCCCCCCCCCC
chrIII	434440	434590	0.00196	CVCCCCCCCCCCC
chrIII	434440	434590	0.00674	CVCCCCCCCCCCC
chrIII	434440	434590	0.0185	CVCCCCCCCCCCC
chrIII	434440	434590	0.0209	CVCCCCCCCCCCC
chrIII	434440	434590	0.032	CVCCCCCCCCCCC
chrIII	434440	434590	0.0368	CVCCCCCCCCCCC
chrIII	440144	440267	0.0267	CVCCCCCCCCCCC
chrIII	4455160	4455310	0.0209	CVCCCCCCCCCCC
chrIII	4578480	4578630	0.0458	CVCCCCCCCCCCC
chrIII	458720	458870	0.023	CVCCCCCCCCCCC
chrIII	4721880	4722030	0.0137	CVCCCCCCCCCCC
chrIII	4808140	4808290	0.0458	CVCCCCCCCCCCC
chrIII	4844480	4844630	0.000105	CVCCCCCCCCCCC
chrIII	4844480	4844630	0.00129	CVCCCCCCCCCCC
chrIII	4844480	4844630	0.00268	CVCCCCCCCCCCC
chrIII	4844480	4844630	0.0185	CVCCCCCCCCCCC
chrIII	4844480	4844630	0.0267	CVCCCCCCCCCCC
chrIII	4890140	4890290	0.0458	CVCCCCCCCCCCC
chrIII	504620	504770	0.0382	CVCCCCCCCCCCC

chrIII	512220	512370	0.0185	CVCCCCCCCCCCC
chrIII	5159331	5159410	0.0458	CVCCCCCCCCCCC
chrIII	51720	51870	0.0368	CVCCCCCCCCCCC
chrIII	51720	51870	0.0458	CVCCCCCCCCCCC
chrIII	5472800	5472950	0.0368	CVCCCCCCCCCCC
chrIII	552540	552690	0.0209	CVCCCCCCCCCCC
chrIII	552540	552690	0.0368	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.000105	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.000225	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.00129	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.0137	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.0185	CVCCCCCCCCCCC
chrIII	5638900	5639050	0.0404	CVCCCCCCCCCCC
chrIII	5653940	5654090	0.0209	CVCCCCCCCCCCC
chrIII	5653940	5654090	0.0468	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.000105	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.00129	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.00196	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.0039	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.0209	CVCCCCCCCCCCC
chrIII	5814300	5814450	0.0483	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.000105	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.00129	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.00196	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.00324	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.00441	CVCCCCCCCCCCC
chrIII	5940080	5940230	0.0209	CVCCCCCCCCCCC
chrIII	5976300	5976450	0.0137	CVCCCCCCCCCCC
chrIII	5976300	5976450	0.0382	CVCCCCCCCCCCC
chrIII	6135220	6135370	0.0439	CVCCCCCCCCCCC
chrIII	6229700	6229850	0.0382	CVCCCCCCCCCCC
chrIII	6453720	6453870	0.032	CVCCCCCCCCCCC
chrIII	657300	657450	0.000105	CVCCCCCCCCCCC
chrIII	657300	657450	0.000225	CVCCCCCCCCCCC
chrIII	657300	657450	0.00129	CVCCCCCCCCCCC
chrIII	657300	657450	0.00196	CVCCCCCCCCCCC
chrIII	657300	657450	0.0137	CVCCCCCCCCCCC
chrIII	657300	657450	0.0382	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.000105	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.00186	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.00196	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.00441	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.0185	CVCCCCCCCCCCC
chrIII	6586900	6587050	0.0353	CVCCCCCCCCCCC
chrIII	6678240	6678390	0.032	CVCCCCCCCCCCC
chrIII	6689880	6690030	0.032	CVCCCCCCCCCCC
chrIII	67180	67330	0.00486	CVCCCCCCCCCCC

chrIII	67180	67330	0.0152	CVCCCCCCCCCCC
chrIII	7013380	7013530	0.0382	CVCCCCCCCCCCC
chrIII	7032780	7032930	0.000105	CVCCCCCCCCCCC
chrIII	7032780	7032930	0.00129	CVCCCCCCCCCCC
chrIII	7032780	7032930	0.00196	CVCCCCCCCCCCC
chrIII	7032780	7032930	0.00324	CVCCCCCCCCCCC
chrIII	7032780	7032930	0.0185	CVCCCCCCCCCCC
chrIII	7035513	7035630	0.0368	CVCCCCCCCCCCC
chrIII	706160	706310	0.0404	CVCCCCCCCCCCC
chrIII	706160	706310	0.0412	CVCCCCCCCCCCC
chrIII	7235680	7235830	0.0137	CVCCCCCCCCCCC
chrIII	7235680	7235830	0.0404	CVCCCCCCCCCCC
chrIII	7235680	7235830	0.0439	CVCCCCCCCCCCC
chrIII	7391540	7391685	0.0209	CVCCCCCCCCCCC
chrIII	744580	744730	0.000105	CVCCCCCCCCCCC
chrIII	744580	744730	0.000225	CVCCCCCCCCCCC
chrIII	744580	744730	0.00129	CVCCCCCCCCCCC
chrIII	744580	744730	0.0185	CVCCCCCCCCCCC
chrIII	7672920	7673070	0.00129	CVCCCCCCCCCCC
chrIII	7672920	7673070	0.00943	CVCCCCCCCCCCC
chrIII	7922020	7922041	0.0267	CVCCCCCCCCCCC
chrIII	8150340	8150490	0.0209	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.000105	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.00186	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.00196	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.00441	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.0209	CVCCCCCCCCCCC
chrIII	8201780	8201930	0.0353	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.000105	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.000412	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.00129	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.00196	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.0137	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.0185	CVCCCCCCCCCCC
chrIII	8267836	8267930	0.0368	CVCCCCCCCCCCC
chrIII	8418940	8419090	0.0468	CVCCCCCCCCCCC
chrIII	8503960	8504110	0.0439	CVCCCCCCCCCCC
chrIII	8505480	8505630	0.032	CVCCCCCCCCCCC
chrIII	8865440	8865590	0.0209	CVCCCCCCCCCCC
chrIII	8865440	8865590	0.0353	CVCCCCCCCCCCC
chrIII	8867100	8867250	0.0483	CVCCCCCCCCCCC
chrIII	8940080	8940230	0.0458	CVCCCCCCCCCCC
chrIII	8955400	8955550	0.032	CVCCCCCCCCCCC
chrIII	9176060	9176210	0.0039	CVCCCCCCCCCCC
chrIII	920240	920390	0.0039	CVCCCCCCCCCCC
chrIII	920240	920390	0.0209	CVCCCCCCCCCCC
chrIII	9292500	9292650	0.0281	CVCCCCCCCCCCC

chrIII	9292500	9292650	0.0412	CVCCCCCCCCCCC
chrIII	9355500	9355650	0.0483	CVCCCCCCCCCCC
chrIII	95080	95230	0.000105	CVCCCCCCCCCCC
chrIII	95080	95230	0.00129	CVCCCCCCCCCCC
chrIII	95080	95230	0.00324	CVCCCCCCCCCCC
chrIII	95080	95230	0.0185	CVCCCCCCCCCCC
chrIII	95080	95230	0.0439	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.000105	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.00186	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.00196	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.00532	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.00638	CVCCCCCCCCCCC
chrIII	9567420	9567570	0.0137	CVCCCCCCCCCCC
chrIII	9585940	9586090	0.023	CVCCCCCCCCCCC
chrIII	9619440	9619590	0.0137	CVCCCCCCCCCCC
chrIII	9619440	9619590	0.0439	CVCCCCCCCCCCC
chrIII	9641840	9641990	0.0458	CVCCCCCCCCCCC
chrIII	9667920	9668070	0.0468	CVCCCCCCCCCCC
chrIII	9701840	9701990	0.0209	CVCCCCCCCCCCC
chrIII	9969320	9969470	0.0368	CVCCCCCCCCCCC
chrIV	10071240	10071390	0.0368	CVCCCCCCCCCCC
chrIV	10071240	10071390	0.0439	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.000105	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.00032	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.00186	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.00196	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.0185	CVCCCCCCCCCCC
chrIV	10175080	10175230	0.0209	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.000105	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.000412	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.00196	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.00532	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.0209	CVCCCCCCCCCCC
chrIV	1021500	1021650	0.0353	CVCCCCCCCCCCC
chrIV	1044320	1044470	0.0185	CVCCCCCCCCCCC
chrIV	1044320	1044470	0.032	CVCCCCCCCCCCC
chrIV	10613860	10614010	0.0152	CVCCCCCCCCCCC
chrIV	10613860	10614010	0.0209	CVCCCCCCCCCCC
chrIV	10613860	10614010	0.0353	CVCCCCCCCCCCC
chrIV	10613860	10614010	0.0458	CVCCCCCCCCCCC
chrIV	1064580	1064730	0.00943	CVCCCCCCCCCCC
chrIV	1064580	1064730	0.023	CVCCCCCCCCCCC
chrIV	1064580	1064730	0.0267	CVCCCCCCCCCCC
chrIV	1064580	1064730	0.0483	CVCCCCCCCCCCC
chrIV	10963105	10963190	0.000105	CVCCCCCCCCCCC
chrIV	10963105	10963190	0.00129	CVCCCCCCCCCCC
chrIV	10963105	10963190	0.00186	CVCCCCCCCCCCC

chrIV	10963105	10963190	0.00532	CVCCCCCCCCCCC
chrIV	10963105	10963190	0.0185	CVCCCCCCCCCCC
chrIV	10972940	10973090	0.0185	CVCCCCCCCCCCC
chrIV	11168000	11168150	0.000105	CVCCCCCCCCCCC
chrIV	11168000	11168150	0.00129	CVCCCCCCCCCCC
chrIV	11168000	11168150	0.00943	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.000105	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.00129	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.00196	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.00268	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.0209	CVCCCCCCCCCCC
chrIV	1118400	1118550	0.023	CVCCCCCCCCCCC
chrIV	11326380	11326530	0.0412	CVCCCCCCCCCCC
chrIV	11326380	11326530	0.0439	CVCCCCCCCCCCC
chrIV	11326380	11326530	0.0458	CVCCCCCCCCCCC
chrIV	11338300	11338450	0.0412	CVCCCCCCCCCCC
chrIV	11338300	11338450	0.0439	CVCCCCCCCCCCC
chrIV	11338300	11338450	0.0458	CVCCCCCCCCCCC
chrIV	11406893	11407010	0.0439	CVCCCCCCCCCCC
chrIV	11406893	11407010	0.0458	CVCCCCCCCCCCC
chrIV	1143240	1143390	0.0209	CVCCCCCCCCCCC
chrIV	11765500	11765650	0.0152	CVCCCCCCCCCCC
chrIV	11793280	11793430	0.0209	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.000105	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.00186	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.00196	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.00441	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.0209	CVCCCCCCCCCCC
chrIV	11812600	11812750	0.0281	CVCCCCCCCCCCC
chrIV	11999670	11999730	0.0137	CVCCCCCCCCCCC
chrIV	11999670	11999730	0.0267	CVCCCCCCCCCCC
chrIV	11999670	11999730	0.0382	CVCCCCCCCCCCC
chrIV	12011800	12011950	0.0353	CVCCCCCCCCCCC
chrIV	12012540	12012690	0.00592	CVCCCCCCCCCCC
chrIV	12012540	12012690	0.0458	CVCCCCCCCCCCC
chrIV	12180380	12180530	0.0382	CVCCCCCCCCCCC
chrIV	12188620	12188770	0.0382	CVCCCCCCCCCCC
chrIV	12294820	12294970	0.00943	CVCCCCCCCCCCC
chrIV	12294820	12294970	0.032	CVCCCCCCCCCCC
chrIV	12294820	12294970	0.0382	CVCCCCCCCCCCC
chrIV	12428560	12428710	0.0458	CVCCCCCCCCCCC
chrIV	12584220	12584370	0.0412	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.00638	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.0152	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.0209	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.0353	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.0404	CVCCCCCCCCCCC

chrIV	1260820	1260970	0.0412	CVCCCCCCCCCCC
chrIV	1260820	1260970	0.0439	CVCCCCCCCCCCC
chrIV	12617280	12617430	0.000105	CVCCCCCCCCCCC
chrIV	12617280	12617430	0.00129	CVCCCCCCCCCCC
chrIV	12617280	12617430	0.00196	CVCCCCCCCCCCC
chrIV	12617280	12617430	0.0039	CVCCCCCCCCCCC
chrIV	12617280	12617430	0.0209	CVCCCCCCCCCCC
chrIV	12691340	12691490	0.000105	CVCCCCCCCCCCC
chrIV	12691340	12691490	0.000412	CVCCCCCCCCCCC
chrIV	12691340	12691490	0.00196	CVCCCCCCCCCCC
chrIV	12691340	12691490	0.0209	CVCCCCCCCCCCC
chrIV	12772880	12773030	0.023	CVCCCCCCCCCCC
chrIV	12783300	12783370	0.0353	CVCCCCCCCCCCC
chrIV	12783300	12783370	0.0458	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.000105	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.00186	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.00196	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.00441	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.0185	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.0281	CVCCCCCCCCCCC
chrIV	12803340	12803490	0.0458	CVCCCCCCCCCCC
chrIV	12822820	12822970	0.0267	CVCCCCCCCCCCC
chrIV	12822820	12822970	0.0382	CVCCCCCCCCCCC
chrIV	128700	128850	0.000105	CVCCCCCCCCCCC
chrIV	128700	128850	0.000412	CVCCCCCCCCCCC
chrIV	128700	128850	0.00129	CVCCCCCCCCCCC
chrIV	128700	128850	0.00196	CVCCCCCCCCCCC
chrIV	128700	128850	0.0185	CVCCCCCCCCCCC
chrIV	128700	128850	0.0209	CVCCCCCCCCCCC
chrIV	128700	128850	0.0281	CVCCCCCCCCCCC
chrIV	13011380	13011530	0.0185	CVCCCCCCCCCCC
chrIV	13011380	13011530	0.032	CVCCCCCCCCCCC
chrIV	13012740	13012890	0.0468	CVCCCCCCCCCCC
chrIV	13043368	13043410	0.000105	CVCCCCCCCCCCC
chrIV	13043368	13043410	0.00196	CVCCCCCCCCCCC
chrIV	13043368	13043410	0.00638	CVCCCCCCCCCCC
chrIV	13043368	13043410	0.0353	CVCCCCCCCCCCC
chrIV	13043368	13043410	0.0439	CVCCCCCCCCCCC
chrIV	13165620	13165770	0.000105	CVCCCCCCCCCCC
chrIV	13165620	13165770	0.00129	CVCCCCCCCCCCC
chrIV	13165620	13165770	0.00268	CVCCCCCCCCCCC
chrIV	13165620	13165770	0.00943	CVCCCCCCCCCCC
chrIV	13165620	13165770	0.023	CVCCCCCCCCCCC
chrIV	13167620	13167770	0.0412	CVCCCCCCCCCCC
chrIV	13219620	13219770	0.0353	CVCCCCCCCCCCC
chrIV	13348660	13348810	0.00186	CVCCCCCCCCCCC
chrIV	13348660	13348810	0.00486	CVCCCCCCCCCCC

chrIV	13348660	13348810	0.0137	CVCCCCCCCCCCC
chrIV	13348660	13348810	0.0152	CVCCCCCCCCCCC
chrIV	13348660	13348810	0.0185	CVCCCCCCCCCCC
chrIV	13348660	13348810	0.0458	CVCCCCCCCCCCC
chrIV	13461140	13461290	0.0439	CVCCCCCCCCCCC
chrIV	13466020	13466139	0.00486	CVCCCCCCCCCCC
chrIV	13504040	13504190	0.0267	CVCCCCCCCCCCC
chrIV	13599800	13599950	0.0353	CVCCCCCCCCCCC
chrIV	13599800	13599950	0.0412	CVCCCCCCCCCCC
chrIV	1361920	1362070	0.00638	CVCCCCCCCCCCC
chrIV	1361920	1362070	0.0152	CVCCCCCCCCCCC
chrIV	13689740	13689890	0.000412	CVCCCCCCCCCCC
chrIV	13689740	13689890	0.00129	CVCCCCCCCCCCC
chrIV	13689740	13689890	0.00196	CVCCCCCCCCCCC
chrIV	13689740	13689890	0.0185	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.000105	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.000412	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.00196	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.0185	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.0209	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.032	CVCCCCCCCCCCC
chrIV	13699200	13699350	0.0439	CVCCCCCCCCCCC
chrIV	1371360	1371510	0.00943	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.000105	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.00186	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.00196	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.00532	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.00638	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.0152	CVCCCCCCCCCCC
chrIV	1377720	1377870	0.0458	CVCCCCCCCCCCC
chrIV	1382020	1382170	0.023	CVCCCCCCCCCCC
chrIV	13980180	13980330	0.0404	CVCCCCCCCCCCC
chrIV	14295260	14295410	0.0468	CVCCCCCCCCCCC
chrIV	14389140	14389290	0.0185	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.000105	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.00186	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.00196	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.00441	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.0209	CVCCCCCCCCCCC
chrIV	14390360	14390510	0.0353	CVCCCCCCCCCCC
chrIV	14449260	14449410	0.0281	CVCCCCCCCCCCC
chrIV	14516220	14516370	0.0439	CVCCCCCCCCCCC
chrIV	14606620	14606770	0.00532	CVCCCCCCCCCCC
chrIV	14606620	14606770	0.0209	CVCCCCCCCCCCC
chrIV	14729380	14729530	0.000105	CVCCCCCCCCCCC
chrIV	14729380	14729530	0.00129	CVCCCCCCCCCCC
chrIV	14729380	14729530	0.00196	CVCCCCCCCCCCC

chrIV	14729380	14729530	0.00268	CVCCCCCCCCCCC
chrIV	14729380	14729530	0.0209	CVCCCCCCCCCCC
chrIV	14729380	14729530	0.023	CVCCCCCCCCCCC
chrIV	14794420	14794570	0.000412	CVCCCCCCCCCCC
chrIV	14794420	14794570	0.00674	CVCCCCCCCCCCC
chrIV	14794420	14794570	0.0209	CVCCCCCCCCCCC
chrIV	14897280	14897321	0.023	CVCCCCCCCCCCC
chrIV	15027880	15028030	0.0439	CVCCCCCCCCCCC
chrIV	15061420	15061570	0.00674	CVCCCCCCCCCCC
chrIV	15061420	15061570	0.0368	CVCCCCCCCCCCC
chrIV	15061420	15061570	0.0468	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.000105	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.000225	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.00129	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.00268	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.00943	CVCCCCCCCCCCC
chrIV	15245460	15245610	0.0137	CVCCCCCCCCCCC
chrIV	15325480	15325630	0.0152	CVCCCCCCCCCCC
chrIV	15325480	15325630	0.0439	CVCCCCCCCCCCC
chrIV	15325480	15325630	0.0458	CVCCCCCCCCCCC
chrIV	15455521	15455570	0.0368	CVCCCCCCCCCCC
chrIV	15497020	15497170	0.032	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.000105	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.00129	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.00196	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.00324	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.0209	CVCCCCCCCCCCC
chrIV	15513220	15513370	0.0439	CVCCCCCCCCCCC
chrIV	15526880	15527030	0.0267	CVCCCCCCCCCCC
chrIV	15783440	15783590	0.00943	CVCCCCCCCCCCC
chrIV	15783440	15783590	0.032	CVCCCCCCCCCCC
chrIV	15783440	15783590	0.0382	CVCCCCCCCCCCC
chrIV	15783440	15783590	0.0404	CVCCCCCCCCCCC
chrIV	15814460	15814610	0.000105	CVCCCCCCCCCCC
chrIV	15814460	15814610	0.00196	CVCCCCCCCCCCC
chrIV	15814460	15814610	0.00674	CVCCCCCCCCCCC
chrIV	15814460	15814610	0.0185	CVCCCCCCCCCCC
chrIV	15814460	15814610	0.0209	CVCCCCCCCCCCC
chrIV	16005590	16005630	0.032	CVCCCCCCCCCCC
chrIV	16005590	16005630	0.0439	CVCCCCCCCCCCC
chrIV	16170826	16170870	0.0152	CVCCCCCCCCCCC
chrIV	16170826	16170870	0.0412	CVCCCCCCCCCCC
chrIV	16231480	16231630	0.000105	CVCCCCCCCCCCC
chrIV	16231480	16231630	0.00186	CVCCCCCCCCCCC
chrIV	16231480	16231630	0.00196	CVCCCCCCCCCCC
chrIV	16231480	16231630	0.00532	CVCCCCCCCCCCC
chrIV	16231480	16231630	0.0209	CVCCCCCCCCCCC

chrIV	1638040	1638190	0.0209	CVCCCCCCCCCCC
chrIV	16382211	16382330	0.0353	CVCCCCCCCCCCC
chrIV	16423240	16423390	0.0458	CVCCCCCCCCCCC
chrIV	16495560	16495710	0.032	CVCCCCCCCCCCC
chrIV	165000	165125	0.0267	CVCCCCCCCCCCC
chrIV	1657120	1657270	0.0137	CVCCCCCCCCCCC
chrIV	1657120	1657270	0.0152	CVCCCCCCCCCCC
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chrIV	1657120	1657270	0.0439	CVCCCCCCCCCCC
chrIV	16658760	16658910	0.00196	CVCCCCCCCCCCC
chrIV	16658760	16658910	0.0209	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.000105	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.000412	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.00186	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.00196	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.0152	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.0209	CVCCCCCCCCCCC
chrIV	16659560	16659710	0.0468	CVCCCCCCCCCCC
chrIV	16759460	16759610	0.00943	CVCCCCCCCCCCC
chrIV	16759460	16759610	0.032	CVCCCCCCCCCCC
chrIV	16759460	16759610	0.0382	CVCCCCCCCCCCC
chrIV	16950760	16950910	0.0404	CVCCCCCCCCCCC
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chrIV	17174100	17174250	0.0368	CVCCCCCCCCCCC
chrIV	1738400	1738550	0.000105	CVCCCCCCCCCCC
chrIV	1738400	1738550	0.000412	CVCCCCCCCCCCC
chrIV	1738400	1738550	0.00129	CVCCCCCCCCCCC
chrIV	1738400	1738550	0.00196	CVCCCCCCCCCCC
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chrIV	178840	178990	0.00674	CVCCCCCCCCCCC
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chrIV	1825880	1826030	0.000105	CVCCCCCCCCCCC
chrIV	1825880	1826030	0.00129	CVCCCCCCCCCCC
chrIV	1825880	1826030	0.00196	CVCCCCCCCCCCC
chrIV	1825880	1826030	0.00592	CVCCCCCCCCCCC
chrIV	1825880	1826030	0.0185	CVCCCCCCCCCCC
chrIV	1825880	1826030	0.0368	CVCCCCCCCCCCC
chrIV	1870760	1870910	0.0137	CVCCCCCCCCCCC
chrIV	1892760	1892910	0.0483	CVCCCCCCCCCCC
chrIV	1899660	1899810	0.0382	CVCCCCCCCCCCC
chrIV	1908560	1908710	0.00674	CVCCCCCCCCCCC

chrIV	1908560	1908710	0.0209	CVCCCCCCCCCCC
chrIV	1912760	1912910	0.000105	CVCCCCCCCCCCC
chrIV	1912760	1912910	0.00196	CVCCCCCCCCCCC
chrIV	1912760	1912910	0.00674	CVCCCCCCCCCCC
chrIV	1912760	1912910	0.0185	CVCCCCCCCCCCC
chrIV	1916360	1916510	0.023	CVCCCCCCCCCCC
chrIV	1916360	1916510	0.0281	CVCCCCCCCCCCC
chrIV	2142480	2142630	0.0353	CVCCCCCCCCCCC
chrIV	2285380	2285530	0.000105	CVCCCCCCCCCCC
chrIV	2285380	2285530	0.00186	CVCCCCCCCCCCC
chrIV	2285380	2285530	0.00196	CVCCCCCCCCCCC
chrIV	2285380	2285530	0.00532	CVCCCCCCCCCCC
chrIV	2285380	2285530	0.0209	CVCCCCCCCCCCC
chrIV	2292280	2292430	0.0368	CVCCCCCCCCCCC
chrIV	2417140	2417290	0.0185	CVCCCCCCCCCCC
chrIV	2429180	2429330	0.00196	CVCCCCCCCCCCC
chrIV	2429180	2429330	0.00674	CVCCCCCCCCCCC
chrIV	2429180	2429330	0.0185	CVCCCCCCCCCCC
chrIV	2429180	2429330	0.0209	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.000105	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.00129	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.00186	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.00532	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.00638	CVCCCCCCCCCCC
chrIV	2451200	2451350	0.00943	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.000105	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.000225	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.00129	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.00186	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.0137	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.0185	CVCCCCCCCCCCC
chrIV	2475540	2475690	0.0404	CVCCCCCCCCCCC
chrIV	2628240	2628390	0.00324	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.000412	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.00129	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.00196	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.00486	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.00943	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.0137	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.0152	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.0209	CVCCCCCCCCCCC
chrIV	2679260	2679410	0.0439	CVCCCCCCCCCCC
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chrIV	2851380	2851530	0.0368	CVCCCCCCCCCCC
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chrIV	2931320	2931409	0.0404	CVCCCCCCCCCCCC
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chrIV	3014700	3014850	0.0468	CVCCCCCCCCCCCC
chrIV	3169280	3169430	0.0152	CVCCCCCCCCCCCC
chrIV	3169280	3169430	0.0412	CVCCCCCCCCCCCC
chrIV	3497540	3497690	0.00196	CVCCCCCCCCCCCC
chrIV	3497540	3497690	0.00638	CVCCCCCCCCCCCC
chrIV	3497540	3497690	0.0209	CVCCCCCCCCCCCC
chrIV	3497540	3497690	0.0468	CVCCCCCCCCCCCC
chrIV	3611960	3612057	0.0209	CVCCCCCCCCCCCC
chrIV	3636660	3636810	0.0458	CVCCCCCCCCCCCC
chrIV	3650880	3651030	0.0267	CVCCCCCCCCCCCC
chrIV	3670140	3670290	0.0137	CVCCCCCCCCCCCC
chrIV	3670140	3670290	0.0185	CVCCCCCCCCCCCC
chrIV	3670140	3670290	0.0267	CVCCCCCCCCCCCC
chrIV	3763400	3763550	0.0209	CVCCCCCCCCCCCC
chrIV	3765440	3765590	0.0185	CVCCCCCCCCCCCC
chrIV	376840	376990	0.000105	CVCCCCCCCCCCCC
chrIV	376840	376990	0.00129	CVCCCCCCCCCCCC
chrIV	376840	376990	0.00196	CVCCCCCCCCCCCC
chrIV	376840	376990	0.0039	CVCCCCCCCCCCCC
chrIV	376840	376990	0.0185	CVCCCCCCCCCCCC
chrIV	3768820	3768970	0.0185	CVCCCCCCCCCCCC
chrIV	3768820	3768970	0.0483	CVCCCCCCCCCCCC
chrIV	3852760	3852910	0.0209	CVCCCCCCCCCCCC
chrIV	3858240	3858390	0.0209	CVCCCCCCCCCCCC
chrIV	3898800	3898950	0.00674	CVCCCCCCCCCCCC
chrIV	3898800	3898950	0.0209	CVCCCCCCCCCCCC
chrIV	3898800	3898950	0.0468	CVCCCCCCCCCCCC
chrIV	4026020	4026170	0.000105	CVCCCCCCCCCCCC
chrIV	4026020	4026170	0.00186	CVCCCCCCCCCCCC
chrIV	4026020	4026170	0.00441	CVCCCCCCCCCCCC
chrIV	4026020	4026170	0.0152	CVCCCCCCCCCCCC
chrIV	4026020	4026170	0.0353	CVCCCCCCCCCCCC
chrIV	4028280	4028430	0.0353	CVCCCCCCCCCCCC
chrIV	4028280	4028430	0.0412	CVCCCCCCCCCCCC
chrIV	4113760	4113910	0.0483	CVCCCCCCCCCCCC
chrIV	4201760	4201860	0.000105	CVCCCCCCCCCCCC
chrIV	4201760	4201860	0.00186	CVCCCCCCCCCCCC
chrIV	4201760	4201860	0.00196	CVCCCCCCCCCCCC
chrIV	4201760	4201860	0.00532	CVCCCCCCCCCCCC
chrIV	4201760	4201860	0.0209	CVCCCCCCCCCCCC
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chrIV	4235420	4235570	0.0382	CVCCCCCCCCCCCC

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chrIV	4472480	4472630	0.0458	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.000105	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.000412	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.00129	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.00196	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.0137	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.0185	CVCCCCCCCCCCC
chrIV	4473940	4474090	0.032	CVCCCCCCCCCCC
chrIV	4627920	4628070	0.000105	CVCCCCCCCCCCC
chrIV	4627920	4628070	0.00129	CVCCCCCCCCCCC
chrIV	4627920	4628070	0.00196	CVCCCCCCCCCCC
chrIV	4627920	4628070	0.00674	CVCCCCCCCCCCC
chrIV	4627920	4628070	0.0185	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.000105	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.00186	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.00196	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.00324	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.00441	CVCCCCCCCCCCC
chrIV	4674480	4674630	0.0209	CVCCCCCCCCCCC
chrIV	4675980	4676130	0.000105	CVCCCCCCCCCCC
chrIV	4675980	4676130	0.00186	CVCCCCCCCCCCC
chrIV	4675980	4676130	0.00196	CVCCCCCCCCCCC
chrIV	4675980	4676130	0.0185	CVCCCCCCCCCCC
chrIV	48900	49050	0.032	CVCCCCCCCCCCC
chrIV	4904940	4905090	0.000105	CVCCCCCCCCCCC
chrIV	4904940	4905090	0.00186	CVCCCCCCCCCCC
chrIV	4904940	4905090	0.00196	CVCCCCCCCCCCC
chrIV	4904940	4905090	0.00532	CVCCCCCCCCCCC
chrIV	4904940	4905090	0.0209	CVCCCCCCCCCCC
chrIV	5505240	5505390	0.0267	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.000105	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.000412	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.00129	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.00196	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.0185	CVCCCCCCCCCCC
chrIV	5533525	5533570	0.0209	CVCCCCCCCCCCC
chrIV	555160	555310	0.032	CVCCCCCCCCCCC
chrIV	5794560	5794710	0.000105	CVCCCCCCCCCCC
chrIV	5794560	5794710	0.00196	CVCCCCCCCCCCC
chrIV	5794560	5794710	0.00592	CVCCCCCCCCCCC
chrIV	5794560	5794710	0.0209	CVCCCCCCCCCCC
chrIV	5794560	5794710	0.032	CVCCCCCCCCCCC
chrIV	5860880	5861030	0.0412	CVCCCCCCCCCCC
chrIV	6061280	6061430	0.032	CVCCCCCCCCCCC
chrIV	6117920	6118070	0.0209	CVCCCCCCCCCCC

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chrIV	6117920	6118070	0.0439	CVCCCCCCCCCCCC
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chrIV	615400	615544	0.0152	CVCCCCCCCCCCCC
chrIV	634780	634930	0.032	CVCCCCCCCCCCCC
chrIV	634780	634930	0.0353	CVCCCCCCCCCCCC
chrIV	6366860	6367010	0.0404	CVCCCCCCCCCCCC
chrIV	6366860	6367010	0.0412	CVCCCCCCCCCCCC
chrIV	647420	647570	0.0404	CVCCCCCCCCCCCC
chrIV	647420	647570	0.0439	CVCCCCCCCCCCCC
chrIV	648800	648950	0.000105	CVCCCCCCCCCCCC
chrIV	648800	648950	0.000225	CVCCCCCCCCCCCC
chrIV	648800	648950	0.00129	CVCCCCCCCCCCCC
chrIV	648800	648950	0.00196	CVCCCCCCCCCCCC
chrIV	648800	648950	0.00943	CVCCCCCCCCCCCC
chrIV	648800	648950	0.0209	CVCCCCCCCCCCCC
chrIV	648800	648950	0.0267	CVCCCCCCCCCCCC
chrIV	7096220	7096370	0.032	CVCCCCCCCCCCCC
chrIV	7253020	7253164	0.000105	CVCCCCCCCCCCCC
chrIV	7253020	7253164	0.00129	CVCCCCCCCCCCCC
chrIV	7253020	7253164	0.00324	CVCCCCCCCCCCCC
chrIV	7253020	7253164	0.0185	CVCCCCCCCCCCCC
chrIV	7253020	7253164	0.0404	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.000105	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.000225	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.00129	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.00441	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.00943	CVCCCCCCCCCCCC
chrIV	7277140	7277290	0.0137	CVCCCCCCCCCCCC
chrIV	72900	73050	0.00486	CVCCCCCCCCCCCC
chrIV	72900	73050	0.0152	CVCCCCCCCCCCCC
chrIV	72900	73050	0.0281	CVCCCCCCCCCCCC
chrIV	7307366	7307430	0.032	CVCCCCCCCCCCCC
chrIV	7619460	7619610	0.0137	CVCCCCCCCCCCCC
chrIV	7619460	7619610	0.0382	CVCCCCCCCCCCCC
chrIV	7845580	7845730	0.00943	CVCCCCCCCCCCCC
chrIV	7845580	7845730	0.0185	CVCCCCCCCCCCCC
chrIV	7845580	7845730	0.023	CVCCCCCCCCCCCC
chrIV	8004780	8004930	0.0152	CVCCCCCCCCCCCC
chrIV	8004780	8004930	0.0353	CVCCCCCCCCCCCC
chrIV	8004780	8004930	0.0404	CVCCCCCCCCCCCC
chrIV	8004780	8004930	0.0412	CVCCCCCCCCCCCC
chrIV	8031200	8031350	0.0404	CVCCCCCCCCCCCC
chrIV	81600	81750	0.0368	CVCCCCCCCCCCCC
chrIV	8331460	8331610	0.0185	CVCCCCCCCCCCCC
chrIV	8626520	8626670	0.0281	CVCCCCCCCCCCCC

chrIV	8626520	8626670	0.0404	CVCCCCCCCCCCC
chrIV	8629900	8630050	0.0209	CVCCCCCCCCCCC
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chrIV	8947160	8947310	0.000225	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.00129	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.00186	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.0137	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.0185	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.032	CVCCCCCCCCCCC
chrIV	8947160	8947310	0.0483	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.000105	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.000225	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.00129	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.00196	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.00943	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.0209	CVCCCCCCCCCCC
chrIV	8948720	8948870	0.023	CVCCCCCCCCCCC
chrIV	91380	91530	0.0209	CVCCCCCCCCCCC
chrIV	91380	91530	0.0468	CVCCCCCCCCCCC
chrIV	9269040	9269190	0.0368	CVCCCCCCCCCCC
chrIV	935800	935950	0.0185	CVCCCCCCCCCCC
chrIV	935800	935950	0.032	CVCCCCCCCCCCC
chrIV	9534440	9534590	0.0468	CVCCCCCCCCCCC
chrIV	9915280	9915430	0.0412	CVCCCCCCCCCCC
chrIV	9915940	9916090	0.0412	CVCCCCCCCCCCC
chrV	10044940	10045090	0.0483	CVCCCCCCCCCCC
chrV	1041260	1041410	0.0404	CVCCCCCCCCCCC
chrV	10449000	10449150	0.00196	CVCCCCCCCCCCC
chrV	10449000	10449150	0.0185	CVCCCCCCCCCCC
chrV	10449000	10449150	0.032	CVCCCCCCCCCCC
chrV	10515740	10515890	0.00943	CVCCCCCCCCCCC
chrV	1075160	1075200	0.0185	CVCCCCCCCCCCC
chrV	1075160	1075200	0.0368	CVCCCCCCCCCCC
chrV	10818300	10818450	0.000105	CVCCCCCCCCCCC
chrV	10818300	10818450	0.00129	CVCCCCCCCCCCC
chrV	10818300	10818450	0.0185	CVCCCCCCCCCCC
chrV	10840760	10840910	0.000105	CVCCCCCCCCCCC
chrV	10840760	10840910	0.00129	CVCCCCCCCCCCC
chrV	10840760	10840910	0.00196	CVCCCCCCCCCCC
chrV	10840760	10840910	0.00268	CVCCCCCCCCCCC
chrV	10840760	10840910	0.0209	CVCCCCCCCCCCC
chrV	10840760	10840910	0.023	CVCCCCCCCCCCC
chrV	11012540	11012690	0.0368	CVCCCCCCCCCCC
chrV	11029780	11029930	0.000105	CVCCCCCCCCCCC
chrV	11029780	11029930	0.00129	CVCCCCCCCCCCC
chrV	11029780	11029930	0.00186	CVCCCCCCCCCCC
chrV	11029780	11029930	0.00532	CVCCCCCCCCCCC

chrV	11029780	11029930	0.0185	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.000105	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.00129	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.00186	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.00532	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.00638	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.0185	CVCCCCCCCCCCCC
chrV	11079600	11079750	0.0209	CVCCCCCCCCCCCC
chrV	1117740	1117890	0.00268	CVCCCCCCCCCCCC
chrV	1117740	1117890	0.023	CVCCCCCCCCCCCC
chrV	11214240	11214390	0.0439	CVCCCCCCCCCCCC
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chrV	11307940	11308090	0.0353	CVCCCCCCCCCCCC
chrV	11900220	11900370	0.0439	CVCCCCCCCCCCCC
chrV	1229020	1229170	0.000105	CVCCCCCCCCCCCC
chrV	1229020	1229170	0.00186	CVCCCCCCCCCCCC
chrV	1229020	1229170	0.00196	CVCCCCCCCCCCCC
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chrV	1229020	1229170	0.0209	CVCCCCCCCCCCCC
chrV	1229020	1229170	0.0281	CVCCCCCCCCCCCC
chrV	1229020	1229170	0.0404	CVCCCCCCCCCCCC
chrV	12298720	12298870	0.0368	CVCCCCCCCCCCCC
chrV	12518900	12519050	0.0468	CVCCCCCCCCCCCC
chrV	12540060	12540210	0.00943	CVCCCCCCCCCCCC
chrV	12540060	12540210	0.032	CVCCCCCCCCCCCC
chrV	12657940	12658031	0.0185	CVCCCCCCCCCCCC
chrV	12811260	12811410	0.023	CVCCCCCCCCCCCC
chrV	13001660	13001810	0.00196	CVCCCCCCCCCCCC
chrV	13001660	13001810	0.0209	CVCCCCCCCCCCCC
chrV	13022360	13022510	0.0267	CVCCCCCCCCCCCC
chrV	1313320	1313470	0.00592	CVCCCCCCCCCCCC
chrV	1313320	1313470	0.00943	CVCCCCCCCCCCCC
chrV	1313320	1313470	0.0185	CVCCCCCCCCCCCC
chrV	13172340	13172490	0.0404	CVCCCCCCCCCCCC
chrV	1317980	1318130	0.00032	CVCCCCCCCCCCCC
chrV	1317980	1318130	0.00196	CVCCCCCCCCCCCC
chrV	1317980	1318130	0.0209	CVCCCCCCCCCCCC
chrV	1319660	1319810	0.0209	CVCCCCCCCCCCCC
chrV	1319660	1319810	0.0468	CVCCCCCCCCCCCC
chrV	1320640	1320790	0.00638	CVCCCCCCCCCCCC
chrV	1320640	1320790	0.0468	CVCCCCCCCCCCCC
chrV	13231300	13231450	0.00196	CVCCCCCCCCCCCC
chrV	13231300	13231450	0.00674	CVCCCCCCCCCCCC
chrV	13231300	13231450	0.0185	CVCCCCCCCCCCCC
chrV	13231300	13231450	0.0209	CVCCCCCCCCCCCC
chrV	13231300	13231450	0.0353	CVCCCCCCCCCCCC
chrV	13401660	13401810	0.0368	CVCCCCCCCCCCCC

chrV	13508120	13508270	0.0267	CVCCCCCCCCCCC
chrV	13576080	13576230	0.0439	CVCCCCCCCCCCC
chrV	13632540	13632690	0.000105	CVCCCCCCCCCCC
chrV	13632540	13632690	0.00032	CVCCCCCCCCCCC
chrV	13632540	13632690	0.00186	CVCCCCCCCCCCC
chrV	13632540	13632690	0.00196	CVCCCCCCCCCCC
chrV	13632540	13632690	0.0152	CVCCCCCCCCCCC
chrV	13632540	13632690	0.0209	CVCCCCCCCCCCC
chrV	13632540	13632690	0.0281	CVCCCCCCCCCCC
chrV	13632540	13632690	0.0404	CVCCCCCCCCCCC
chrV	13649300	13649450	0.00196	CVCCCCCCCCCCC
chrV	13649300	13649450	0.00674	CVCCCCCCCCCCC
chrV	13649300	13649450	0.0209	CVCCCCCCCCCCC
chrV	1372980	1373130	0.000105	CVCCCCCCCCCCC
chrV	1372980	1373130	0.00196	CVCCCCCCCCCCC
chrV	1372980	1373130	0.00592	CVCCCCCCCCCCC
chrV	1372980	1373130	0.0209	CVCCCCCCCCCCC
chrV	1372980	1373130	0.0353	CVCCCCCCCCCCC
chrV	1372980	1373130	0.0439	CVCCCCCCCCCCC
chrV	13788760	13788910	0.0267	CVCCCCCCCCCCC
chrV	14126900	14127050	0.000105	CVCCCCCCCCCCC
chrV	14126900	14127050	0.00186	CVCCCCCCCCCCC
chrV	14126900	14127050	0.00196	CVCCCCCCCCCCC
chrV	14126900	14127050	0.00638	CVCCCCCCCCCCC
chrV	14126900	14127050	0.0137	CVCCCCCCCCCCC
chrV	14126900	14127050	0.0468	CVCCCCCCCCCCC
chrV	14227880	14228030	0.0209	CVCCCCCCCCCCC
chrV	14236052	14236170	0.000105	CVCCCCCCCCCCC
chrV	14236052	14236170	0.00196	CVCCCCCCCCCCC
chrV	14236052	14236170	0.00638	CVCCCCCCCCCCC
chrV	14236052	14236170	0.0209	CVCCCCCCCCCCC
chrV	14236052	14236170	0.0468	CVCCCCCCCCCCC
chrV	14368520	14368670	0.000105	CVCCCCCCCCCCC
chrV	14368520	14368670	0.000225	CVCCCCCCCCCCC
chrV	14368520	14368670	0.00129	CVCCCCCCCCCCC
chrV	14368520	14368670	0.00186	CVCCCCCCCCCCC
chrV	14368520	14368670	0.0137	CVCCCCCCCCCCC
chrV	14368520	14368670	0.0152	CVCCCCCCCCCCC
chrV	14368520	14368670	0.0404	CVCCCCCCCCCCC
chrV	14502020	14502170	0.0281	CVCCCCCCCCCCC
chrV	14504840	14504990	0.0468	CVCCCCCCCCCCC
chrV	14635173	14635250	0.00268	CVCCCCCCCCCCC
chrV	14635173	14635250	0.0382	CVCCCCCCCCCCC
chrV	14638680	14638830	0.00943	CVCCCCCCCCCCC
chrV	14638680	14638830	0.023	CVCCCCCCCCCCC
chrV	14680080	14680230	0.00486	CVCCCCCCCCCCC
chrV	14793240	14793390	0.0281	CVCCCCCCCCCCC

chrV	14804875	14804990	0.0468	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.00129	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.00196	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.00532	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.00638	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.0185	CVCCCCCCCCCCCC
chrV	1480840	1480990	0.0209	CVCCCCCCCCCCCC
chrV	15091720	15091870	0.0281	CVCCCCCCCCCCCC
chrV	152240	152390	0.000105	CVCCCCCCCCCCCC
chrV	152240	152390	0.00032	CVCCCCCCCCCCCC
chrV	152240	152390	0.00129	CVCCCCCCCCCCCC
chrV	152240	152390	0.00186	CVCCCCCCCCCCCC
chrV	152240	152390	0.00638	CVCCCCCCCCCCCC
chrV	152240	152390	0.00943	CVCCCCCCCCCCCC
chrV	152240	152390	0.0209	CVCCCCCCCCCCCC
chrV	15464425	15464550	0.0185	CVCCCCCCCCCCCC
chrV	1549598	1549660	0.000105	CVCCCCCCCCCCCC
chrV	1549598	1549660	0.00129	CVCCCCCCCCCCCC
chrV	1549598	1549660	0.00324	CVCCCCCCCCCCCC
chrV	1549598	1549660	0.0137	CVCCCCCCCCCCCC
chrV	1549598	1549660	0.0382	CVCCCCCCCCCCCC
chrV	15517100	15517250	0.0267	CVCCCCCCCCCCCC
chrV	15732309	15732410	0.0458	CVCCCCCCCCCCCC
chrV	1575760	1575910	0.0209	CVCCCCCCCCCCCC
chrV	1577420	1577570	0.0483	CVCCCCCCCCCCCC
chrV	15892920	15892996	0.00674	CVCCCCCCCCCCCC
chrV	15892920	15892996	0.0185	CVCCCCCCCCCCCC
chrV	15892920	15892996	0.0209	CVCCCCCCCCCCCC
chrV	15892920	15892996	0.0368	CVCCCCCCCCCCCC
chrV	16138460	16138610	0.000105	CVCCCCCCCCCCCC
chrV	16138460	16138610	0.00196	CVCCCCCCCCCCCC
chrV	16138460	16138610	0.00674	CVCCCCCCCCCCCC
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chrV	1627360	1627510	0.0039	CVCCCCCCCCCCCC
chrV	1627360	1627510	0.0209	CVCCCCCCCCCCCC
chrV	16337060	16337210	0.0209	CVCCCCCCCCCCCC
chrV	16598560	16598710	0.000105	CVCCCCCCCCCCCC
chrV	16598560	16598710	0.00129	CVCCCCCCCCCCCC
chrV	16598560	16598710	0.00324	CVCCCCCCCCCCCC
chrV	16598560	16598710	0.0185	CVCCCCCCCCCCCC
chrV	16598560	16598710	0.0439	CVCCCCCCCCCCCC
chrV	16653344	16653470	0.0458	CVCCCCCCCCCCCC
chrV	16654360	16654510	0.032	CVCCCCCCCCCCCC
chrV	16782360	16782510	0.000105	CVCCCCCCCCCCCC
chrV	16782360	16782510	0.00032	CVCCCCCCCCCCCC
chrV	16782360	16782510	0.00186	CVCCCCCCCCCCCC

chrV	16782360	16782510	0.00196	CVCCCCCCCCCCC
chrV	16782360	16782510	0.0209	CVCCCCCCCCCCC
chrV	16804860	16805010	0.0404	CVCCCCCCCCCCC
chrV	16904120	16904270	0.000412	CVCCCCCCCCCCC
chrV	16904120	16904270	0.00196	CVCCCCCCCCCCC
chrV	16904120	16904270	0.0185	CVCCCCCCCCCCC
chrV	16904120	16904270	0.0209	CVCCCCCCCCCCC
chrV	16904120	16904270	0.0353	CVCCCCCCCCCCC
chrV	16910140	16910290	0.0209	CVCCCCCCCCCCC
chrV	16934540	16934690	0.0137	CVCCCCCCCCCCC
chrV	17117981	17118070	0.00943	CVCCCCCCCCCCC
chrV	17358640	17358790	0.0267	CVCCCCCCCCCCC
chrV	17358640	17358790	0.0439	CVCCCCCCCCCCC
chrV	17583640	17583790	0.0404	CVCCCCCCCCCCC
chrV	17778120	17778270	0.0404	CVCCCCCCCCCCC
chrV	17997920	17998070	0.0439	CVCCCCCCCCCCC
chrV	1827540	1827690	0.0209	CVCCCCCCCCCCC
chrV	18472520	18472670	0.0458	CVCCCCCCCCCCC
chrV	18490520	18490670	0.0209	CVCCCCCCCCCCC
chrV	18494560	18494710	0.0412	CVCCCCCCCCCCC
chrV	18515180	18515330	0.000105	CVCCCCCCCCCCC
chrV	18515180	18515330	0.000225	CVCCCCCCCCCCC
chrV	18515180	18515330	0.00129	CVCCCCCCCCCCC
chrV	18515180	18515330	0.00186	CVCCCCCCCCCCC
chrV	18515180	18515330	0.0209	CVCCCCCCCCCCC
chrV	18524580	18524730	0.0412	CVCCCCCCCCCCC
chrV	18583880	18584030	0.000105	CVCCCCCCCCCCC
chrV	18583880	18584030	0.000412	CVCCCCCCCCCCC
chrV	18583880	18584030	0.00196	CVCCCCCCCCCCC
chrV	18583880	18584030	0.00674	CVCCCCCCCCCCC
chrV	18583880	18584030	0.0185	CVCCCCCCCCCCC
chrV	18583880	18584030	0.0209	CVCCCCCCCCCCC
chrV	18589660	18589810	0.0368	CVCCCCCCCCCCC
chrV	18669700	18669850	0.000105	CVCCCCCCCCCCC
chrV	18669700	18669850	0.00196	CVCCCCCCCCCCC
chrV	18669700	18669850	0.00674	CVCCCCCCCCCCC
chrV	18669700	18669850	0.0185	CVCCCCCCCCCCC
chrV	18873940	18874090	0.0458	CVCCCCCCCCCCC
chrV	19051480	19051630	0.0209	CVCCCCCCCCCCC
chrV	19051480	19051630	0.032	CVCCCCCCCCCCC
chrV	19051480	19051630	0.0483	CVCCCCCCCCCCC
chrV	19171020	19171170	0.000412	CVCCCCCCCCCCC
chrV	19171020	19171170	0.00129	CVCCCCCCCCCCC
chrV	19171020	19171170	0.00196	CVCCCCCCCCCCC
chrV	19171020	19171170	0.00943	CVCCCCCCCCCCC
chrV	19171020	19171170	0.0185	CVCCCCCCCCCCC
chrV	19171020	19171170	0.0209	CVCCCCCCCCCCC

chrV	19177280	19177430	0.0152	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.000105	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.000225	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.00129	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.00186	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.00943	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.0137	CVCCCCCCCCCCCC
chrV	19178220	19178370	0.0267	CVCCCCCCCCCCCC
chrV	19181800	19181950	0.032	CVCCCCCCCCCCCC
chrV	19181800	19181950	0.0368	CVCCCCCCCCCCCC
chrV	19394460	19394610	0.0281	CVCCCCCCCCCCCC
chrV	19394460	19394610	0.0404	CVCCCCCCCCCCCC
chrV	19473960	19474110	0.00196	CVCCCCCCCCCCCC
chrV	19473960	19474110	0.00638	CVCCCCCCCCCCCC
chrV	19473960	19474110	0.0209	CVCCCCCCCCCCCC
chrV	19473960	19474110	0.0458	CVCCCCCCCCCCCC
chrV	1947840	1947990	0.032	CVCCCCCCCCCCCC
chrV	19513880	19513942	0.0267	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.000412	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.00129	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.00196	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.0137	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.0185	CVCCCCCCCCCCCC
chrV	19526300	19526450	0.0368	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.000105	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.000412	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.00129	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.00196	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.0185	CVCCCCCCCCCCCC
chrV	19534360	19534510	0.0209	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.000105	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.000412	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.00186	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.00196	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.00674	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.0137	CVCCCCCCCCCCCC
chrV	19569620	19569770	0.0209	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.000105	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.00186	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.00196	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.00324	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.00441	CVCCCCCCCCCCCC
chrV	19587620	19587770	0.0209	CVCCCCCCCCCCCC
chrV	19622520	19622670	0.0137	CVCCCCCCCCCCCC
chrV	19622520	19622670	0.0209	CVCCCCCCCCCCCC
chrV	19622520	19622670	0.0458	CVCCCCCCCCCCCC
chrV	19742860	19743010	0.00674	CVCCCCCCCCCCCC

chrV	19742860	19743010	0.0185	CVCCCCCCCCCCCC
chrV	19742860	19743010	0.0209	CVCCCCCCCCCCCC
chrV	19742860	19743010	0.0368	CVCCCCCCCCCCCC
chrV	19767820	19767970	0.0458	CVCCCCCCCCCCCC
chrV	20011240	20011390	0.0185	CVCCCCCCCCCCCC
chrV	20011240	20011390	0.0209	CVCCCCCCCCCCCC
chrV	20061660	20061810	0.00638	CVCCCCCCCCCCCC
chrV	20061660	20061810	0.0152	CVCCCCCCCCCCCC
chrV	20061660	20061810	0.0209	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.000105	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.000412	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.00129	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.00196	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.0137	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.0209	CVCCCCCCCCCCCC
chrV	20065240	20065390	0.0468	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.000105	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.000412	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.00129	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.00196	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.00674	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.00943	CVCCCCCCCCCCCC
chrV	20122700	20122850	0.0209	CVCCCCCCCCCCCC
chrV	20172380	20172530	0.0267	CVCCCCCCCCCCCC
chrV	20172380	20172530	0.0483	CVCCCCCCCCCCCC
chrV	2021540	2021690	0.0185	CVCCCCCCCCCCCC
chrV	2021540	2021690	0.0209	CVCCCCCCCCCCCC
chrV	2021540	2021690	0.0368	CVCCCCCCCCCCCC
chrV	20216580	20216730	0.0368	CVCCCCCCCCCCCC
chrV	20295300	20295450	0.0209	CVCCCCCCCCCCCC
chrV	20301460	20301610	0.00324	CVCCCCCCCCCCCC
chrV	20301460	20301610	0.0137	CVCCCCCCCCCCCC
chrV	20301460	20301610	0.0152	CVCCCCCCCCCCCC
chrV	20301460	20301610	0.0404	CVCCCCCCCCCCCC
chrV	20424340	20424490	0.0137	CVCCCCCCCCCCCC
chrV	20424340	20424490	0.0185	CVCCCCCCCCCCCC
chrV	20424340	20424490	0.0209	CVCCCCCCCCCCCC
chrV	20684520	20684670	0.00196	CVCCCCCCCCCCCC
chrV	20684520	20684670	0.0185	CVCCCCCCCCCCCC
chrV	20684520	20684670	0.0209	CVCCCCCCCCCCCC
chrV	20684520	20684670	0.0468	CVCCCCCCCCCCCC
chrV	2081160	2081310	0.0185	CVCCCCCCCCCCCC
chrV	2135460	2135610	0.00196	CVCCCCCCCCCCCC
chrV	2135460	2135610	0.0039	CVCCCCCCCCCCCC
chrV	2135460	2135610	0.0185	CVCCCCCCCCCCCC
chrV	2135460	2135610	0.0267	CVCCCCCCCCCCCC
chrV	2135460	2135610	0.0404	CVCCCCCCCCCCCC

chrV	2135460	2135610	0.0483	CVCCCCCCCCCCCC
chrV	2225979	2226090	0.0439	CVCCCCCCCCCCCC
chrV	260360	260510	0.000412	CVCCCCCCCCCCCC
chrV	260360	260510	0.00196	CVCCCCCCCCCCCC
chrV	260360	260510	0.0039	CVCCCCCCCCCCCC
chrV	260360	260510	0.0185	CVCCCCCCCCCCCC
chrV	260360	260510	0.032	CVCCCCCCCCCCCC
chrV	2607260	2607410	0.023	CVCCCCCCCCCCCC
chrV	2643540	2643690	0.0404	CVCCCCCCCCCCCC
chrV	2756120	2756270	0.0152	CVCCCCCCCCCCCC
chrV	2756120	2756270	0.0412	CVCCCCCCCCCCCC
chrV	2805880	2806030	0.032	CVCCCCCCCCCCCC
chrV	3185520	3185670	0.0185	CVCCCCCCCCCCCC
chrV	3187940	3188090	0.0152	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.000105	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.000412	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.00129	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.00196	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.00943	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.0209	CVCCCCCCCCCCCC
chrV	3371367	3371430	0.0439	CVCCCCCCCCCCCC
chrV	349200	349350	0.0209	CVCCCCCCCCCCCC
chrV	349200	349350	0.0267	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.000105	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.000412	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.00186	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.00196	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.0137	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.0209	CVCCCCCCCCCCCC
chrV	3564000	3564150	0.0468	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.000105	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.000412	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.00186	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.00196	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.0137	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.0209	CVCCCCCCCCCCCC
chrV	3571420	3571570	0.0468	CVCCCCCCCCCCCC
chrV	3612940	3613037	0.0404	CVCCCCCCCCCCCC
chrV	3684932	3685010	0.0368	CVCCCCCCCCCCCC
chrV	3704000	3704150	0.0185	CVCCCCCCCCCCCC
chrV	3739800	3739950	0.00943	CVCCCCCCCCCCCC
chrV	3739800	3739950	0.023	CVCCCCCCCCCCCC
chrV	3739800	3739950	0.0483	CVCCCCCCCCCCCC
chrV	4091660	4091810	0.0439	CVCCCCCCCCCCCC
chrV	4155600	4155750	0.000105	CVCCCCCCCCCCCC
chrV	4155600	4155750	0.00129	CVCCCCCCCCCCCC
chrV	4155600	4155750	0.00196	CVCCCCCCCCCCCC

chrV	4155600	4155750	0.00674	CVCCCCCCCCCCCC
chrV	4155600	4155750	0.0185	CVCCCCCCCCCCCC
chrV	4155600	4155750	0.0368	CVCCCCCCCCCCCC
chrV	4333120	4333270	0.000105	CVCCCCCCCCCCCC
chrV	4333120	4333270	0.00129	CVCCCCCCCCCCCC
chrV	4333120	4333270	0.0039	CVCCCCCCCCCCCC
chrV	4333120	4333270	0.0185	CVCCCCCCCCCCCC
chrV	4333120	4333270	0.0483	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.000105	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.00032	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.00186	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.00196	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.00324	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.0137	CVCCCCCCCCCCCC
chrV	4369180	4369330	0.0209	CVCCCCCCCCCCCC
chrV	444060	444210	0.0439	CVCCCCCCCCCCCC
chrV	444460	444610	0.0439	CVCCCCCCCCCCCC
chrV	4455100	4455250	0.0412	CVCCCCCCCCCCCC
chrV	4455100	4455250	0.0458	CVCCCCCCCCCCCC
chrV	4491700	4491850	0.000105	CVCCCCCCCCCCCC
chrV	4491700	4491850	0.00186	CVCCCCCCCCCCCC
chrV	4491700	4491850	0.00196	CVCCCCCCCCCCCC
chrV	4491700	4491850	0.00532	CVCCCCCCCCCCCC
chrV	4491700	4491850	0.0209	CVCCCCCCCCCCCC
chrV	4493700	4493850	0.00943	CVCCCCCCCCCCCC
chrV	4493700	4493850	0.0185	CVCCCCCCCCCCCC
chrV	4493700	4493850	0.0209	CVCCCCCCCCCCCC
chrV	4493700	4493850	0.0483	CVCCCCCCCCCCCC
chrV	4525580	4525730	0.0185	CVCCCCCCCCCCCC
chrV	4525580	4525730	0.032	CVCCCCCCCCCCCC
chrV	4700289	4700430	0.0267	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.000105	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.00129	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.00196	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.00638	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.0137	CVCCCCCCCCCCCC
chrV	4861860	4862010	0.0468	CVCCCCCCCCCCCC
chrV	4900500	4900650	0.0152	CVCCCCCCCCCCCC
chrV	4900500	4900650	0.0353	CVCCCCCCCCCCCC
chrV	4900500	4900650	0.0404	CVCCCCCCCCCCCC
chrV	4900500	4900650	0.0412	CVCCCCCCCCCCCC
chrV	491980	492125	0.032	CVCCCCCCCCCCCC
chrV	5200140	5200290	0.000105	CVCCCCCCCCCCCC
chrV	5200140	5200290	0.000412	CVCCCCCCCCCCCC
chrV	5200140	5200290	0.00129	CVCCCCCCCCCCCC
chrV	5200140	5200290	0.00196	CVCCCCCCCCCCCC
chrV	5200140	5200290	0.0039	CVCCCCCCCCCCCC

chrV	5200140	5200290	0.0185	CVCCCCCCCCCCCC
chrV	5218080	5218230	0.0439	CVCCCCCCCCCCCC
chrV	5226560	5226710	0.00196	CVCCCCCCCCCCCC
chrV	5226560	5226710	0.0185	CVCCCCCCCCCCCC
chrV	5226560	5226710	0.0368	CVCCCCCCCCCCCC
chrV	5289920	5290070	0.0483	CVCCCCCCCCCCCC
chrV	5410780	5410930	0.00638	CVCCCCCCCCCCCC
chrV	5410780	5410930	0.0468	CVCCCCCCCCCCCC
chrV	5795880	5796030	0.032	CVCCCCCCCCCCCC
chrV	6102581	6102690	0.0382	CVCCCCCCCCCCCC
chrV	6204260	6204410	0.0152	CVCCCCCCCCCCCC
chrV	6204260	6204410	0.0458	CVCCCCCCCCCCCC
chrV	6243320	6243470	0.0368	CVCCCCCCCCCCCC
chrV	6429960	6430110	0.0209	CVCCCCCCCCCCCC
chrV	6431160	6431310	0.032	CVCCCCCCCCCCCC
chrV	6513420	6513570	0.0281	CVCCCCCCCCCCCC
chrV	6633100	6633250	0.00592	CVCCCCCCCCCCCC
chrV	6955700	6955850	0.0439	CVCCCCCCCCCCCC
chrV	7171480	7171630	0.00592	CVCCCCCCCCCCCC
chrV	7171480	7171630	0.00943	CVCCCCCCCCCCCC
chrV	7171480	7171630	0.0185	CVCCCCCCCCCCCC
chrV	7171480	7171630	0.0382	CVCCCCCCCCCCCC
chrV	7171480	7171630	0.0404	CVCCCCCCCCCCCC
chrV	732169	732310	0.0483	CVCCCCCCCCCCCC
chrV	7728340	7728490	0.00186	CVCCCCCCCCCCCC
chrV	7728340	7728490	0.0152	CVCCCCCCCCCCCC
chrV	7728340	7728490	0.0209	CVCCCCCCCCCCCC
chrV	7728340	7728490	0.0458	CVCCCCCCCCCCCC
chrV	7745100	7745250	0.0209	CVCCCCCCCCCCCC
chrV	77780	77930	0.00129	CVCCCCCCCCCCCC
chrV	77780	77930	0.00441	CVCCCCCCCCCCCC
chrV	77780	77930	0.0137	CVCCCCCCCCCCCC
chrV	77780	77930	0.0185	CVCCCCCCCCCCCC
chrV	77780	77930	0.0281	CVCCCCCCCCCCCC
chrV	77780	77930	0.0404	CVCCCCCCCCCCCC
chrV	7861780	7861930	0.0185	CVCCCCCCCCCCCC
chrV	8039660	8039810	0.00943	CVCCCCCCCCCCCC
chrV	8418920	8419070	0.0185	CVCCCCCCCCCCCC
chrV	8545760	8545910	0.0209	CVCCCCCCCCCCCC
chrV	9184180	9184330	0.0185	CVCCCCCCCCCCCC
chrV	9296220	9296370	0.0353	CVCCCCCCCCCCCC
chrV	9359840	9359990	0.0412	CVCCCCCCCCCCCC
chrV	981380	981530	0.0368	CVCCCCCCCCCCCC
chrV	9860400	9860550	0.0458	CVCCCCCCCCCCCC
chrX	10116660	10116810	0.000105	CVCCCCCCCCCCCC
chrX	10116660	10116810	0.00129	CVCCCCCCCCCCCC
chrX	10116660	10116810	0.00324	CVCCCCCCCCCCCC

chrX	10116660	10116810	0.00441	CVCCCCCCCCCCC
chrX	10116660	10116810	0.0137	CVCCCCCCCCCCC
chrX	10172160	10172310	0.0137	CVCCCCCCCCCCC
chrX	10172160	10172310	0.0404	CVCCCCCCCCCCC
chrX	10237200	10237350	0.00441	CVCCCCCCCCCCC
chrX	10260260	10260410	0.0209	CVCCCCCCCCCCC
chrX	10260260	10260410	0.0468	CVCCCCCCCCCCC
chrX	10396640	10396790	0.000225	CVCCCCCCCCCCC
chrX	10396640	10396790	0.00129	CVCCCCCCCCCCC
chrX	10396640	10396790	0.00943	CVCCCCCCCCCCC
chrX	10396640	10396790	0.0137	CVCCCCCCCCCCC
chrX	10396640	10396790	0.0267	CVCCCCCCCCCCC
chrX	10396640	10396790	0.0382	CVCCCCCCCCCCC
chrX	10410880	10411030	0.00943	CVCCCCCCCCCCC
chrX	10410880	10411030	0.0483	CVCCCCCCCCCCC
chrX	10440140	10440290	0.0483	CVCCCCCCCCCCC
chrX	10477603	10477670	0.0483	CVCCCCCCCCCCC
chrX	10618780	10618930	0.0267	CVCCCCCCCCCCC
chrX	10623140	10623290	0.032	CVCCCCCCCCCCC
chrX	10623140	10623290	0.0483	CVCCCCCCCCCCC
chrX	10691360	10691510	0.000105	CVCCCCCCCCCCC
chrX	10691360	10691510	0.000412	CVCCCCCCCCCCC
chrX	10691360	10691510	0.00196	CVCCCCCCCCCCC
chrX	10691360	10691510	0.0039	CVCCCCCCCCCCC
chrX	10691360	10691510	0.0185	CVCCCCCCCCCCC
chrX	10691360	10691510	0.0209	CVCCCCCCCCCCC
chrX	10732640	10732790	0.00129	CVCCCCCCCCCCC
chrX	10732640	10732790	0.0185	CVCCCCCCCCCCC
chrX	10732640	10732790	0.0439	CVCCCCCCCCCCC
chrX	10829930	10829950	0.00129	CVCCCCCCCCCCC
chrX	10829930	10829950	0.00196	CVCCCCCCCCCCC
chrX	10829930	10829950	0.00943	CVCCCCCCCCCCC
chrX	10845020	10845170	0.000105	CVCCCCCCCCCCC
chrX	10845020	10845170	0.000412	CVCCCCCCCCCCC
chrX	10845020	10845170	0.00196	CVCCCCCCCCCCC
chrX	10845020	10845170	0.00532	CVCCCCCCCCCCC
chrX	10845020	10845170	0.0209	CVCCCCCCCCCCC
chrX	10845020	10845170	0.0353	CVCCCCCCCCCCC
chrX	11033220	11033370	0.00674	CVCCCCCCCCCCC
chrX	11033220	11033370	0.0185	CVCCCCCCCCCCC
chrX	11057633	11057688	0.0404	CVCCCCCCCCCCC
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chrX	1128620	1128770	0.032	CVCCCCCCCCCCC
chrX	11384700	11384850	0.0281	CVCCCCCCCCCCC
chrX	11415220	11415370	0.00674	CVCCCCCCCCCCC
chrX	11415220	11415370	0.0209	CVCCCCCCCCCCC
chrX	11415220	11415370	0.0368	CVCCCCCCCCCCC

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chrX	11484920	11485070	0.032	CVCCCCCCCCCCC
chrX	11576840	11576990	0.000105	CVCCCCCCCCCCC
chrX	11576840	11576990	0.000412	CVCCCCCCCCCCC
chrX	11576840	11576990	0.00129	CVCCCCCCCCCCC
chrX	11576840	11576990	0.00196	CVCCCCCCCCCCC
chrX	11576840	11576990	0.0185	CVCCCCCCCCCCC
chrX	11576840	11576990	0.0209	CVCCCCCCCCCCC
chrX	11576840	11576990	0.0368	CVCCCCCCCCCCC
chrX	11757780	11757930	0.032	CVCCCCCCCCCCC
chrX	1183260	1183410	0.0185	CVCCCCCCCCCCC
chrX	1183260	1183410	0.0368	CVCCCCCCCCCCC
chrX	12007640	12007790	0.0458	CVCCCCCCCCCCC
chrX	12049720	12049870	0.00032	CVCCCCCCCCCCC
chrX	12049720	12049870	0.00186	CVCCCCCCCCCCC
chrX	12049720	12049870	0.00196	CVCCCCCCCCCCC
chrX	12049720	12049870	0.0152	CVCCCCCCCCCCC
chrX	12049720	12049870	0.0209	CVCCCCCCCCCCC
chrX	12049720	12049870	0.0404	CVCCCCCCCCCCC
chrX	12050280	12050430	0.0209	CVCCCCCCCCCCC
chrX	12050280	12050430	0.0458	CVCCCCCCCCCCC
chrX	12054240	12054390	0.0458	CVCCCCCCCCCCC
chrX	12054240	12054390	0.0468	CVCCCCCCCCCCC
chrX	12062880	12063030	0.000105	CVCCCCCCCCCCC
chrX	12062880	12063030	0.00129	CVCCCCCCCCCCC
chrX	12062880	12063030	0.00196	CVCCCCCCCCCCC
chrX	12062880	12063030	0.00592	CVCCCCCCCCCCC
chrX	12062880	12063030	0.0185	CVCCCCCCCCCCC
chrX	12062880	12063030	0.0368	CVCCCCCCCCCCC
chrX	12080780	12080930	0.0353	CVCCCCCCCCCCC
chrX	12083660	12083810	0.000105	CVCCCCCCCCCCC
chrX	12083660	12083810	0.00129	CVCCCCCCCCCCC
chrX	12083660	12083810	0.00186	CVCCCCCCCCCCC
chrX	12083660	12083810	0.00532	CVCCCCCCCCCCC
chrX	12083660	12083810	0.0185	CVCCCCCCCCCCC
chrX	12084700	12084850	0.000105	CVCCCCCCCCCCC
chrX	12084700	12084850	0.00186	CVCCCCCCCCCCC
chrX	12084700	12084850	0.00196	CVCCCCCCCCCCC
chrX	12084700	12084850	0.00532	CVCCCCCCCCCCC
chrX	12084700	12084850	0.0209	CVCCCCCCCCCCC
chrX	12090180	12090330	0.000105	CVCCCCCCCCCCC
chrX	12090180	12090330	0.00186	CVCCCCCCCCCCC
chrX	12090180	12090330	0.00196	CVCCCCCCCCCCC
chrX	12090180	12090330	0.00674	CVCCCCCCCCCCC
chrX	12090180	12090330	0.0137	CVCCCCCCCCCCC
chrX	1215392	1215530	0.000105	CVCCCCCCCCCCC
chrX	1215392	1215530	0.000412	CVCCCCCCCCCCC

chrX	1215392	1215530	0.00129	CVCCCCCCCCCCC
chrX	1215392	1215530	0.00196	CVCCCCCCCCCCC
chrX	1215392	1215530	0.0137	CVCCCCCCCCCCC
chrX	1215392	1215530	0.0185	CVCCCCCCCCCCC
chrX	1215392	1215530	0.0368	CVCCCCCCCCCCC
chrX	12171860	12172010	0.0404	CVCCCCCCCCCCC
chrX	12202780	12202930	0.0368	CVCCCCCCCCCCC
chrX	12282940	12283090	0.0209	CVCCCCCCCCCCC
chrX	12282940	12283090	0.032	CVCCCCCCCCCCC
chrX	12282940	12283090	0.0368	CVCCCCCCCCCCC
chrX	12440380	12440530	0.0412	CVCCCCCCCCCCC
chrX	1244440	1244590	0.023	CVCCCCCCCCCCC
chrX	12480540	12480690	0.000105	CVCCCCCCCCCCC
chrX	12480540	12480690	0.00186	CVCCCCCCCCCCC
chrX	12480540	12480690	0.00196	CVCCCCCCCCCCC
chrX	12480540	12480690	0.00532	CVCCCCCCCCCCC
chrX	12480540	12480690	0.00638	CVCCCCCCCCCCC
chrX	12480540	12480690	0.0209	CVCCCCCCCCCCC
chrX	12533720	12533870	0.000105	CVCCCCCCCCCCC
chrX	12533720	12533870	0.00196	CVCCCCCCCCCCC
chrX	12533720	12533870	0.00674	CVCCCCCCCCCCC
chrX	12533720	12533870	0.0368	CVCCCCCCCCCCC
chrX	12561560	12561710	0.00943	CVCCCCCCCCCCC
chrX	12561560	12561710	0.0267	CVCCCCCCCCCCC
chrX	12589600	12589750	0.000105	CVCCCCCCCCCCC
chrX	12589600	12589750	0.000225	CVCCCCCCCCCCC
chrX	12589600	12589750	0.00129	CVCCCCCCCCCCC
chrX	12589600	12589750	0.0185	CVCCCCCCCCCCC
chrX	12655520	12655670	0.0412	CVCCCCCCCCCCC
chrX	12682580	12682730	0.000105	CVCCCCCCCCCCC
chrX	12682580	12682730	0.00196	CVCCCCCCCCCCC
chrX	12682580	12682730	0.00674	CVCCCCCCCCCCC
chrX	12682580	12682730	0.0185	CVCCCCCCCCCCC
chrX	12691060	12691210	0.00196	CVCCCCCCCCCCC
chrX	12691060	12691210	0.00324	CVCCCCCCCCCCC
chrX	12691060	12691210	0.00441	CVCCCCCCCCCCC
chrX	12691060	12691210	0.0137	CVCCCCCCCCCCC
chrX	12691060	12691210	0.0185	CVCCCCCCCCCCC
chrX	12691060	12691210	0.0209	CVCCCCCCCCCCC
chrX	12691060	12691210	0.0267	CVCCCCCCCCCCC
chrX	12781780	12781930	0.000105	CVCCCCCCCCCCC
chrX	12781780	12781930	0.00129	CVCCCCCCCCCCC
chrX	12781780	12781930	0.00196	CVCCCCCCCCCCC
chrX	12781780	12781930	0.00532	CVCCCCCCCCCCC
chrX	12781780	12781930	0.00638	CVCCCCCCCCCCC
chrX	12781780	12781930	0.0185	CVCCCCCCCCCCC
chrX	12781780	12781930	0.0353	CVCCCCCCCCCCC

chrX	12814940	12815090	0.023	CVCCCCCCCCCCCC
chrX	12814940	12815090	0.032	CVCCCCCCCCCCCC
chrX	12817120	12817270	0.032	CVCCCCCCCCCCCC
chrX	12817120	12817270	0.0368	CVCCCCCCCCCCCC
chrX	12818540	12818690	0.0185	CVCCCCCCCCCCCC
chrX	12818540	12818690	0.0368	CVCCCCCCCCCCCC
chrX	12822060	12822210	0.0468	CVCCCCCCCCCCCC
chrX	12826880	12827030	0.000105	CVCCCCCCCCCCCC
chrX	12826880	12827030	0.00129	CVCCCCCCCCCCCC
chrX	12826880	12827030	0.00196	CVCCCCCCCCCCCC
chrX	12826880	12827030	0.0185	CVCCCCCCCCCCCC
chrX	12838060	12838210	0.00674	CVCCCCCCCCCCCC
chrX	12981640	12981790	0.00196	CVCCCCCCCCCCCC
chrX	12981640	12981790	0.00674	CVCCCCCCCCCCCC
chrX	12981640	12981790	0.0209	CVCCCCCCCCCCCC
chrX	13017720	13017870	0.0267	CVCCCCCCCCCCCC
chrX	13017720	13017870	0.0382	CVCCCCCCCCCCCC
chrX	1304360	1304510	0.000105	CVCCCCCCCCCCCC
chrX	1304360	1304510	0.00196	CVCCCCCCCCCCCC
chrX	1304360	1304510	0.00674	CVCCCCCCCCCCCC
chrX	1304360	1304510	0.0209	CVCCCCCCCCCCCC
chrX	1304360	1304510	0.0368	CVCCCCCCCCCCCC
chrX	1333720	1333870	0.000105	CVCCCCCCCCCCCC
chrX	1333720	1333870	0.00129	CVCCCCCCCCCCCC
chrX	1333720	1333870	0.0039	CVCCCCCCCCCCCC
chrX	1333720	1333870	0.00943	CVCCCCCCCCCCCC
chrX	1334500	1334650	0.00196	CVCCCCCCCCCCCC
chrX	1334500	1334650	0.00674	CVCCCCCCCCCCCC
chrX	1334500	1334650	0.0209	CVCCCCCCCCCCCC
chrX	1334500	1334650	0.0368	CVCCCCCCCCCCCC
chrX	13377560	13377710	0.0209	CVCCCCCCCCCCCC
chrX	13377560	13377710	0.0353	CVCCCCCCCCCCCC
chrX	13377560	13377710	0.0439	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.000412	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.00129	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.00196	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.00674	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.0185	CVCCCCCCCCCCCC
chrX	13498340	13498490	0.0209	CVCCCCCCCCCCCC
chrX	13583940	13584090	0.0209	CVCCCCCCCCCCCC
chrX	13583940	13584090	0.0368	CVCCCCCCCCCCCC
chrX	13632180	13632330	0.000105	CVCCCCCCCCCCCC
chrX	13632180	13632330	0.00129	CVCCCCCCCCCCCC
chrX	13632180	13632330	0.00196	CVCCCCCCCCCCCC
chrX	13632180	13632330	0.0039	CVCCCCCCCCCCCC
chrX	13632180	13632330	0.0209	CVCCCCCCCCCCCC
chrX	13653040	13653190	0.000105	CVCCCCCCCCCCCC

chrX	13653040	13653190	0.000412	CVCCCCCCCCCCC
chrX	13653040	13653190	0.00196	CVCCCCCCCCCCC
chrX	13653040	13653190	0.0209	CVCCCCCCCCCCC
chrX	13654440	13654590	0.000105	CVCCCCCCCCCCC
chrX	13654440	13654590	0.00196	CVCCCCCCCCCCC
chrX	13654440	13654590	0.00674	CVCCCCCCCCCCC
chrX	13654440	13654590	0.0209	CVCCCCCCCCCCC
chrX	13669760	13669910	0.0468	CVCCCCCCCCCCC
chrX	13673700	13673850	0.00943	CVCCCCCCCCCCC
chrX	13675520	13675670	0.0412	CVCCCCCCCCCCC
chrX	13682260	13682410	0.000105	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00129	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00186	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00196	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00441	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00674	CVCCCCCCCCCCC
chrX	13682260	13682410	0.00943	CVCCCCCCCCCCC
chrX	13682260	13682410	0.0209	CVCCCCCCCCCCC
chrX	13682260	13682410	0.0353	CVCCCCCCCCCCC
chrX	13735800	13735950	0.000105	CVCCCCCCCCCCC
chrX	13735800	13735950	0.00129	CVCCCCCCCCCCC
chrX	13735800	13735950	0.00196	CVCCCCCCCCCCC
chrX	13735800	13735950	0.00674	CVCCCCCCCCCCC
chrX	13735800	13735950	0.0185	CVCCCCCCCCCCC
chrX	13739580	13739730	0.000105	CVCCCCCCCCCCC
chrX	13739580	13739730	0.00129	CVCCCCCCCCCCC
chrX	13739580	13739730	0.00186	CVCCCCCCCCCCC
chrX	13739580	13739730	0.00441	CVCCCCCCCCCCC
chrX	13739580	13739730	0.00943	CVCCCCCCCCCCC
chrX	13739580	13739730	0.0353	CVCCCCCCCCCCC
chrX	13770780	13770930	0.00592	CVCCCCCCCCCCC
chrX	13770780	13770930	0.0185	CVCCCCCCCCCCC
chrX	1403280	1403430	0.0368	CVCCCCCCCCCCC
chrX	14042780	14042930	0.000105	CVCCCCCCCCCCC
chrX	14042780	14042930	0.000225	CVCCCCCCCCCCC
chrX	14042780	14042930	0.00129	CVCCCCCCCCCCC
chrX	14042780	14042930	0.00196	CVCCCCCCCCCCC
chrX	14042780	14042930	0.0137	CVCCCCCCCCCCC
chrX	14042780	14042930	0.0209	CVCCCCCCCCCCC
chrX	14042780	14042930	0.0439	CVCCCCCCCCCCC
chrX	1405640	1405788	0.0152	CVCCCCCCCCCCC
chrX	1405640	1405788	0.0404	CVCCCCCCCCCCC
chrX	1405640	1405788	0.0412	CVCCCCCCCCCCC
chrX	14102080	14102230	0.0368	CVCCCCCCCCCCC
chrX	141080	141230	0.00441	CVCCCCCCCCCCC
chrX	141080	141230	0.0137	CVCCCCCCCCCCC
chrX	141080	141230	0.0267	CVCCCCCCCCCCC

chrX	14162440	14162590	0.000105	CVCCCCCCCCCCC
chrX	14162440	14162590	0.00196	CVCCCCCCCCCCC
chrX	14162440	14162590	0.00674	CVCCCCCCCCCCC
chrX	14162440	14162590	0.0209	CVCCCCCCCCCCC
chrX	1429440	1429590	0.0152	CVCCCCCCCCCCC
chrX	1429440	1429590	0.0281	CVCCCCCCCCCCC
chrX	14321340	14321490	0.000105	CVCCCCCCCCCCC
chrX	14321340	14321490	0.00032	CVCCCCCCCCCCC
chrX	14321340	14321490	0.00186	CVCCCCCCCCCCC
chrX	14321340	14321490	0.00196	CVCCCCCCCCCCC
chrX	14321340	14321490	0.0137	CVCCCCCCCCCCC
chrX	14321340	14321490	0.0209	CVCCCCCCCCCCC
chrX	14321340	14321490	0.0267	CVCCCCCCCCCCC
chrX	14337900	14338050	0.000105	CVCCCCCCCCCCC
chrX	14337900	14338050	0.000225	CVCCCCCCCCCCC
chrX	14337900	14338050	0.00129	CVCCCCCCCCCCC
chrX	14337900	14338050	0.00186	CVCCCCCCCCCCC
chrX	14337900	14338050	0.0185	CVCCCCCCCCCCC
chrX	14337900	14338050	0.0209	CVCCCCCCCCCCC
chrX	14341020	14341170	0.0353	CVCCCCCCCCCCC
chrX	14343040	14343190	0.000105	CVCCCCCCCCCCC
chrX	14343040	14343190	0.000225	CVCCCCCCCCCCC
chrX	14343040	14343190	0.00129	CVCCCCCCCCCCC
chrX	14343040	14343190	0.00196	CVCCCCCCCCCCC
chrX	14343040	14343190	0.00943	CVCCCCCCCCCCC
chrX	14343040	14343190	0.0209	CVCCCCCCCCCCC
chrX	14343040	14343190	0.0267	CVCCCCCCCCCCC
chrX	14359560	14359710	0.000105	CVCCCCCCCCCCC
chrX	14359560	14359710	0.00129	CVCCCCCCCCCCC
chrX	14359560	14359710	0.00196	CVCCCCCCCCCCC
chrX	14359560	14359710	0.0209	CVCCCCCCCCCCC
chrX	14367180	14367330	0.000105	CVCCCCCCCCCCC
chrX	14367180	14367330	0.00196	CVCCCCCCCCCCC
chrX	14367180	14367330	0.00674	CVCCCCCCCCCCC
chrX	14367180	14367330	0.0209	CVCCCCCCCCCCC
chrX	14480300	14480450	0.0152	CVCCCCCCCCCCC
chrX	14480300	14480450	0.0458	CVCCCCCCCCCCC
chrX	14480300	14480450	0.0468	CVCCCCCCCCCCC
chrX	14506020	14506170	0.000105	CVCCCCCCCCCCC
chrX	14506020	14506170	0.00129	CVCCCCCCCCCCC
chrX	14506020	14506170	0.00324	CVCCCCCCCCCCC
chrX	14506020	14506170	0.0382	CVCCCCCCCCCCC
chrX	14508040	14508190	0.00592	CVCCCCCCCCCCC
chrX	14508040	14508190	0.00674	CVCCCCCCCCCCC
chrX	14508040	14508190	0.0185	CVCCCCCCCCCCC
chrX	14508040	14508190	0.0209	CVCCCCCCCCCCC
chrX	14635680	14635830	0.000105	CVCCCCCCCCCCC

chrX	14635680	14635830	0.000412	CVCCCCCCCCCCC
chrX	14635680	14635830	0.00129	CVCCCCCCCCCCC
chrX	14635680	14635830	0.00196	CVCCCCCCCCCCC
chrX	14635680	14635830	0.0185	CVCCCCCCCCCCC
chrX	14635680	14635830	0.0209	CVCCCCCCCCCCC
chrX	14635680	14635830	0.0368	CVCCCCCCCCCCC
chrX	14640080	14640230	0.0209	CVCCCCCCCCCCC
chrX	14640080	14640230	0.0368	CVCCCCCCCCCCC
chrX	14664160	14664289	0.000105	CVCCCCCCCCCCC
chrX	14664160	14664289	0.00032	CVCCCCCCCCCCC
chrX	14664160	14664289	0.00186	CVCCCCCCCCCCC
chrX	14664160	14664289	0.00196	CVCCCCCCCCCCC
chrX	14664160	14664289	0.00324	CVCCCCCCCCCCC
chrX	14664160	14664289	0.0137	CVCCCCCCCCCCC
chrX	14664160	14664289	0.0185	CVCCCCCCCCCCC
chrX	14671520	14671670	0.000105	CVCCCCCCCCCCC
chrX	14671520	14671670	0.00186	CVCCCCCCCCCCC
chrX	14671520	14671670	0.00196	CVCCCCCCCCCCC
chrX	14671520	14671670	0.00532	CVCCCCCCCCCCC
chrX	14671520	14671670	0.0209	CVCCCCCCCCCCC
chrX	1476140	1476290	0.0439	CVCCCCCCCCCCC
chrX	14798000	14798150	0.000105	CVCCCCCCCCCCC
chrX	14798000	14798150	0.00196	CVCCCCCCCCCCC
chrX	14798000	14798150	0.00674	CVCCCCCCCCCCC
chrX	14798000	14798150	0.0209	CVCCCCCCCCCCC
chrX	14819380	14819530	0.000105	CVCCCCCCCCCCC
chrX	14819380	14819530	0.00186	CVCCCCCCCCCCC
chrX	14819380	14819530	0.00196	CVCCCCCCCCCCC
chrX	14819380	14819530	0.00592	CVCCCCCCCCCCC
chrX	14819380	14819530	0.0209	CVCCCCCCCCCCC
chrX	14819380	14819530	0.032	CVCCCCCCCCCCC
chrX	14952540	14952690	0.00196	CVCCCCCCCCCCC
chrX	14952540	14952690	0.0185	CVCCCCCCCCCCC
chrX	14952540	14952690	0.0209	CVCCCCCCCCCCC
chrX	14955000	14955150	0.0404	CVCCCCCCCCCCC
chrX	14955920	14956070	0.000105	CVCCCCCCCCCCC
chrX	14955920	14956070	0.00196	CVCCCCCCCCCCC
chrX	14955920	14956070	0.00674	CVCCCCCCCCCCC
chrX	14955920	14956070	0.0209	CVCCCCCCCCCCC
chrX	14992000	14992150	0.0209	CVCCCCCCCCCCC
chrX	15025200	15025350	0.000105	CVCCCCCCCCCCC
chrX	15025200	15025350	0.00186	CVCCCCCCCCCCC
chrX	15025200	15025350	0.00532	CVCCCCCCCCCCC
chrX	15025200	15025350	0.00638	CVCCCCCCCCCCC
chrX	1504900	1505050	0.0468	CVCCCCCCCCCCC
chrX	15155120	15155270	0.000105	CVCCCCCCCCCCC
chrX	15155120	15155270	0.00032	CVCCCCCCCCCCC

chrX	15155120	15155270	0.00186	CVCCCCCCCCCCC
chrX	15155120	15155270	0.0152	CVCCCCCCCCCCC
chrX	15155120	15155270	0.0209	CVCCCCCCCCCCC
chrX	15155120	15155270	0.0458	CVCCCCCCCCCCC
chrX	15193820	15193970	0.0412	CVCCCCCCCCCCC
chrX	15222180	15222330	0.0152	CVCCCCCCCCCCC
chrX	15222180	15222330	0.0412	CVCCCCCCCCCCC
chrX	15232180	15232330	0.0368	CVCCCCCCCCCCC
chrX	15241996	15242130	0.00486	CVCCCCCCCCCCC
chrX	15241996	15242130	0.0152	CVCCCCCCCCCCC
chrX	15263720	15263870	0.000105	CVCCCCCCCCCCC
chrX	15263720	15263870	0.000412	CVCCCCCCCCCCC
chrX	15263720	15263870	0.00196	CVCCCCCCCCCCC
chrX	15263720	15263870	0.00674	CVCCCCCCCCCCC
chrX	15263720	15263870	0.0209	CVCCCCCCCCCCC
chrX	15275220	15275370	0.00592	CVCCCCCCCCCCC
chrX	15277900	15278050	0.000105	CVCCCCCCCCCCC
chrX	15277900	15278050	0.000225	CVCCCCCCCCCCC
chrX	15277900	15278050	0.00129	CVCCCCCCCCCCC
chrX	15277900	15278050	0.00943	CVCCCCCCCCCCC
chrX	15277900	15278050	0.0137	CVCCCCCCCCCCC
chrX	15277900	15278050	0.0267	CVCCCCCCCCCCC
chrX	15281200	15281350	0.0368	CVCCCCCCCCCCC
chrX	15305480	15305630	0.0137	CVCCCCCCCCCCC
chrX	15307900	15308050	0.000105	CVCCCCCCCCCCC
chrX	15307900	15308050	0.00196	CVCCCCCCCCCCC
chrX	15307900	15308050	0.0209	CVCCCCCCCCCCC
chrX	15308740	15308890	0.000105	CVCCCCCCCCCCC
chrX	15308740	15308890	0.00129	CVCCCCCCCCCCC
chrX	15308740	15308890	0.00196	CVCCCCCCCCCCC
chrX	15308740	15308890	0.00268	CVCCCCCCCCCCC
chrX	15308740	15308890	0.0209	CVCCCCCCCCCCC
chrX	15308740	15308890	0.0267	CVCCCCCCCCCCC
chrX	15308740	15308890	0.0382	CVCCCCCCCCCCC
chrX	15310360	15310510	0.000105	CVCCCCCCCCCCC
chrX	15310360	15310510	0.00186	CVCCCCCCCCCCC
chrX	15310360	15310510	0.00196	CVCCCCCCCCCCC
chrX	15310360	15310510	0.00532	CVCCCCCCCCCCC
chrX	15310360	15310510	0.00638	CVCCCCCCCCCCC
chrX	15310360	15310510	0.0185	CVCCCCCCCCCCC
chrX	15310360	15310510	0.0368	CVCCCCCCCCCCC
chrX	1533620	1533770	0.000105	CVCCCCCCCCCCC
chrX	1533620	1533770	0.00196	CVCCCCCCCCCCC
chrX	1533620	1533770	0.0039	CVCCCCCCCCCCC
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chrX	1533620	1533770	0.0209	CVCCCCCCCCCCC
chrX	15340800	15340950	0.0209	CVCCCCCCCCCCC

chrX	15381540	15381690	0.000105	CVCCCCCCCCCCC
chrX	15381540	15381690	0.00032	CVCCCCCCCCCCC
chrX	15381540	15381690	0.00129	CVCCCCCCCCCCC
chrX	15381540	15381690	0.00186	CVCCCCCCCCCCC
chrX	15381540	15381690	0.00943	CVCCCCCCCCCCC
chrX	15381540	15381690	0.0152	CVCCCCCCCCCCC
chrX	15381540	15381690	0.0412	CVCCCCCCCCCCC
chrX	15464800	15464950	0.0185	CVCCCCCCCCCCC
chrX	15464800	15464950	0.0368	CVCCCCCCCCCCC
chrX	15487400	15487550	0.00129	CVCCCCCCCCCCC
chrX	15487400	15487550	0.00324	CVCCCCCCCCCCC
chrX	15487400	15487550	0.0137	CVCCCCCCCCCCC
chrX	15487400	15487550	0.0185	CVCCCCCCCCCCC
chrX	15487400	15487550	0.0382	CVCCCCCCCCCCC
chrX	15493340	15493490	0.023	CVCCCCCCCCCCC
chrX	15493340	15493490	0.032	CVCCCCCCCCCCC
chrX	15493340	15493490	0.0368	CVCCCCCCCCCCC
chrX	15519394	15519530	0.000105	CVCCCCCCCCCCC
chrX	15519394	15519530	0.000412	CVCCCCCCCCCCC
chrX	15519394	15519530	0.00129	CVCCCCCCCCCCC
chrX	15519394	15519530	0.00196	CVCCCCCCCCCCC
chrX	15519394	15519530	0.0137	CVCCCCCCCCCCC
chrX	15519394	15519530	0.0185	CVCCCCCCCCCCC
chrX	15519394	15519530	0.0353	CVCCCCCCCCCCC
chrX	15542300	15542450	0.0152	CVCCCCCCCCCCC
chrX	15548760	15548910	0.000105	CVCCCCCCCCCCC
chrX	15548760	15548910	0.000412	CVCCCCCCCCCCC
chrX	15548760	15548910	0.00129	CVCCCCCCCCCCC
chrX	15548760	15548910	0.00196	CVCCCCCCCCCCC
chrX	15548760	15548910	0.0137	CVCCCCCCCCCCC
chrX	15548760	15548910	0.0209	CVCCCCCCCCCCC
chrX	15600600	15600750	0.0185	CVCCCCCCCCCCC
chrX	15600600	15600750	0.032	CVCCCCCCCCCCC
chrX	15627860	15628010	0.000105	CVCCCCCCCCCCC
chrX	15627860	15628010	0.000412	CVCCCCCCCCCCC
chrX	15627860	15628010	0.00196	CVCCCCCCCCCCC
chrX	15627860	15628010	0.0209	CVCCCCCCCCCCC
chrX	15628220	15628370	0.000105	CVCCCCCCCCCCC
chrX	15628220	15628370	0.00186	CVCCCCCCCCCCC
chrX	15628220	15628370	0.00196	CVCCCCCCCCCCC
chrX	15628220	15628370	0.00532	CVCCCCCCCCCCC
chrX	15628220	15628370	0.0209	CVCCCCCCCCCCC
chrX	15637880	15638030	0.000105	CVCCCCCCCCCCC
chrX	15637880	15638030	0.00196	CVCCCCCCCCCCC
chrX	15637880	15638030	0.00674	CVCCCCCCCCCCC
chrX	15637880	15638030	0.0185	CVCCCCCCCCCCC
chrX	15700820	15700970	0.000105	CVCCCCCCCCCCC

chrX	15700820	15700970	0.00129	CVCCCCCCCCCCCC
chrX	15700820	15700970	0.00943	CVCCCCCCCCCCCC
chrX	15707540	15707690	0.000105	CVCCCCCCCCCCCC
chrX	15707540	15707690	0.00129	CVCCCCCCCCCCCC
chrX	15707540	15707690	0.00324	CVCCCCCCCCCCCC
chrX	15707540	15707690	0.0185	CVCCCCCCCCCCCC
chrX	15707540	15707690	0.0404	CVCCCCCCCCCCCC
chrX	15716460	15716610	0.00129	CVCCCCCCCCCCCC
chrX	15716460	15716610	0.00196	CVCCCCCCCCCCCC
chrX	15716460	15716610	0.0039	CVCCCCCCCCCCCC
chrX	15716460	15716610	0.00592	CVCCCCCCCCCCCC
chrX	15716460	15716610	0.0185	CVCCCCCCCCCCCC
chrX	15725600	15725750	0.0458	CVCCCCCCCCCCCC
chrX	1575340	1575490	0.0209	CVCCCCCCCCCCCC
chrX	15796020	15796170	0.0458	CVCCCCCCCCCCCC
chrX	1583380	1583530	0.0185	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.000105	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.00186	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.00196	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.0039	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.00592	CVCCCCCCCCCCCC
chrX	15865912	15866030	0.0152	CVCCCCCCCCCCCC
chrX	15871860	15872010	0.00032	CVCCCCCCCCCCCC
chrX	15871860	15872010	0.0209	CVCCCCCCCCCCCC
chrX	15871860	15872010	0.023	CVCCCCCCCCCCCC
chrX	15871860	15872010	0.0353	CVCCCCCCCCCCCC
chrX	15873480	15873630	0.000105	CVCCCCCCCCCCCC
chrX	15873480	15873630	0.00186	CVCCCCCCCCCCCC
chrX	15873480	15873630	0.00196	CVCCCCCCCCCCCC
chrX	15873480	15873630	0.00532	CVCCCCCCCCCCCC
chrX	15873480	15873630	0.0209	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.000105	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.00032	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.00129	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.00186	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.00638	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.0185	CVCCCCCCCCCCCC
chrX	15887940	15888090	0.0209	CVCCCCCCCCCCCC
chrX	15897100	15897250	0.000105	CVCCCCCCCCCCCC
chrX	15897100	15897250	0.00196	CVCCCCCCCCCCCC
chrX	15897100	15897250	0.00638	CVCCCCCCCCCCCC
chrX	15897100	15897250	0.0209	CVCCCCCCCCCCCC
chrX	15897100	15897250	0.0468	CVCCCCCCCCCCCC
chrX	1595720	1595870	0.000105	CVCCCCCCCCCCCC
chrX	1595720	1595870	0.00196	CVCCCCCCCCCCCC
chrX	1595720	1595870	0.00674	CVCCCCCCCCCCCC
chrX	1595720	1595870	0.0209	CVCCCCCCCCCCCC

chrX	15958840	15958990	0.0382	CVCCCCCCCCCCC
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chrX	16002820	16002970	0.0209	CVCCCCCCCCCCC
chrX	16002820	16002970	0.0468	CVCCCCCCCCCCC
chrX	1600660	1600810	0.000105	CVCCCCCCCCCCC
chrX	1600660	1600810	0.00196	CVCCCCCCCCCCC
chrX	1600660	1600810	0.00674	CVCCCCCCCCCCC
chrX	1600660	1600810	0.0209	CVCCCCCCCCCCC
chrX	1600660	1600810	0.0368	CVCCCCCCCCCCC
chrX	16022478	16022570	0.0137	CVCCCCCCCCCCC
chrX	16022478	16022570	0.0404	CVCCCCCCCCCCC
chrX	16022478	16022570	0.0412	CVCCCCCCCCCCC
chrX	16044380	16044530	0.00196	CVCCCCCCCCCCC
chrX	16044380	16044530	0.00674	CVCCCCCCCCCCC
chrX	16044380	16044530	0.0185	CVCCCCCCCCCCC
chrX	16044380	16044530	0.0209	CVCCCCCCCCCCC
chrX	16044380	16044530	0.0353	CVCCCCCCCCCCC
chrX	16071380	16071530	0.032	CVCCCCCCCCCCC
chrX	1613080	1613171	0.00943	CVCCCCCCCCCCC
chrX	16147660	16147810	0.0458	CVCCCCCCCCCCC
chrX	16178100	16178250	0.0185	CVCCCCCCCCCCC
chrX	16179860	16180010	0.0209	CVCCCCCCCCCCC
chrX	16179860	16180010	0.0439	CVCCCCCCCCCCC
chrX	16182840	16182990	0.0267	CVCCCCCCCCCCC
chrX	16183980	16184130	0.0209	CVCCCCCCCCCCC
chrX	16183980	16184130	0.0468	CVCCCCCCCCCCC
chrX	16225160	16225310	0.0412	CVCCCCCCCCCCC
chrX	16265840	16265990	0.0368	CVCCCCCCCCCCC
chrX	16398480	16398630	0.00943	CVCCCCCCCCCCC
chrX	16434520	16434670	0.000412	CVCCCCCCCCCCC
chrX	16434520	16434670	0.00196	CVCCCCCCCCCCC
chrX	16434520	16434670	0.0209	CVCCCCCCCCCCC
chrX	16482480	16482630	0.000105	CVCCCCCCCCCCC
chrX	16482480	16482630	0.00129	CVCCCCCCCCCCC
chrX	16482480	16482630	0.00196	CVCCCCCCCCCCC
chrX	16482480	16482630	0.00324	CVCCCCCCCCCCC
chrX	16482480	16482630	0.00441	CVCCCCCCCCCCC
chrX	16482480	16482630	0.0209	CVCCCCCCCCCCC
chrX	16483980	16484130	0.000105	CVCCCCCCCCCCC
chrX	16483980	16484130	0.000412	CVCCCCCCCCCCC
chrX	16483980	16484130	0.00186	CVCCCCCCCCCCC
chrX	16483980	16484130	0.00196	CVCCCCCCCCCCC
chrX	16483980	16484130	0.00674	CVCCCCCCCCCCC
chrX	16483980	16484130	0.0209	CVCCCCCCCCCCC
chrX	16525740	16525890	0.000105	CVCCCCCCCCCCC
chrX	16525740	16525890	0.00186	CVCCCCCCCCCCC
chrX	16525740	16525890	0.00196	CVCCCCCCCCCCC

chrX	16525740	16525890	0.00532	CVCCCCCCCCCCC
chrX	16525740	16525890	0.00638	CVCCCCCCCCCCC
chrX	16525740	16525890	0.0209	CVCCCCCCCCCCC
chrX	16564520	16564670	0.0209	CVCCCCCCCCCCC
chrX	16564520	16564670	0.0439	CVCCCCCCCCCCC
chrX	16565780	16565930	0.0209	CVCCCCCCCCCCC
chrX	16565780	16565930	0.0458	CVCCCCCCCCCCC
chrX	16594880	16595030	0.0353	CVCCCCCCCCCCC
chrX	16644700	16644850	0.000105	CVCCCCCCCCCCC
chrX	16644700	16644850	0.00129	CVCCCCCCCCCCC
chrX	16644700	16644850	0.00196	CVCCCCCCCCCCC
chrX	16644700	16644850	0.0039	CVCCCCCCCCCCC
chrX	16644700	16644850	0.0209	CVCCCCCCCCCCC
chrX	16647160	16647310	0.000105	CVCCCCCCCCCCC
chrX	16647160	16647310	0.00196	CVCCCCCCCCCCC
chrX	16647160	16647310	0.00674	CVCCCCCCCCCCC
chrX	16647160	16647310	0.0185	CVCCCCCCCCCCC
chrX	16663260	16663410	0.000105	CVCCCCCCCCCCC
chrX	16663260	16663410	0.00129	CVCCCCCCCCCCC
chrX	16663260	16663410	0.00196	CVCCCCCCCCCCC
chrX	16663260	16663410	0.00268	CVCCCCCCCCCCC
chrX	16663260	16663410	0.0209	CVCCCCCCCCCCC
chrX	16663260	16663410	0.0267	CVCCCCCCCCCCC
chrX	16778580	16778730	0.000105	CVCCCCCCCCCCC
chrX	16778580	16778730	0.00129	CVCCCCCCCCCCC
chrX	16778580	16778730	0.00196	CVCCCCCCCCCCC
chrX	16778580	16778730	0.0209	CVCCCCCCCCCCC
chrX	16778980	16779130	0.0368	CVCCCCCCCCCCC
chrX	16844994	16845070	0.023	CVCCCCCCCCCCC
chrX	16962760	16962910	0.0185	CVCCCCCCCCCCC
chrX	16999000	16999150	0.0412	CVCCCCCCCCCCC
chrX	17003680	17003830	0.00674	CVCCCCCCCCCCC
chrX	17030480	17030630	0.023	CVCCCCCCCCCCC
chrX	17073140	17073290	0.000105	CVCCCCCCCCCCC
chrX	17073140	17073290	0.00186	CVCCCCCCCCCCC
chrX	17073140	17073290	0.00196	CVCCCCCCCCCCC
chrX	17073140	17073290	0.00532	CVCCCCCCCCCCC
chrX	17073140	17073290	0.00638	CVCCCCCCCCCCC
chrX	17073140	17073290	0.0209	CVCCCCCCCCCCC
chrX	17197920	17198070	0.0368	CVCCCCCCCCCCC
chrX	17199020	17199170	0.0185	CVCCCCCCCCCCC
chrX	17201680	17201830	0.032	CVCCCCCCCCCCC
chrX	17231580	17231730	0.00196	CVCCCCCCCCCCC
chrX	17231580	17231730	0.00532	CVCCCCCCCCCCC
chrX	17231580	17231730	0.0185	CVCCCCCCCCCCC
chrX	17231580	17231730	0.0209	CVCCCCCCCCCCC
chrX	17292560	17292710	0.00186	CVCCCCCCCCCCC

chrX	17292560	17292710	0.0152	CVCCCCCCCCCCC
chrX	17292560	17292710	0.0209	CVCCCCCCCCCCC
chrX	17329160	17329310	0.0458	CVCCCCCCCCCCC
chrX	17330560	17330710	0.0483	CVCCCCCCCCCCC
chrX	17413880	17414030	0.000105	CVCCCCCCCCCCC
chrX	17413880	17414030	0.00196	CVCCCCCCCCCCC
chrX	17413880	17414030	0.0209	CVCCCCCCCCCCC
chrX	17421466	17421570	0.0458	CVCCCCCCCCCCC
chrX	17458920	17459070	0.0404	CVCCCCCCCCCCC
chrX	17487980	17488130	0.000105	CVCCCCCCCCCCC
chrX	17487980	17488130	0.00129	CVCCCCCCCCCCC
chrX	17487980	17488130	0.00186	CVCCCCCCCCCCC
chrX	17487980	17488130	0.00324	CVCCCCCCCCCCC
chrX	17487980	17488130	0.00441	CVCCCCCCCCCCC
chrX	17487980	17488130	0.0137	CVCCCCCCCCCCC
chrX	17487980	17488130	0.0209	CVCCCCCCCCCCC
chrX	17487980	17488130	0.0404	CVCCCCCCCCCCC
chrX	17516940	17517090	0.0185	CVCCCCCCCCCCC
chrX	17640780	17640930	0.00196	CVCCCCCCCCCCC
chrX	17640780	17640930	0.0209	CVCCCCCCCCCCC
chrX	1793240	1793390	0.000105	CVCCCCCCCCCCC
chrX	1793240	1793390	0.00186	CVCCCCCCCCCCC
chrX	1793240	1793390	0.00196	CVCCCCCCCCCCC
chrX	1793240	1793390	0.0209	CVCCCCCCCCCCC
chrX	1888560	1888710	0.0412	CVCCCCCCCCCCC
chrX	1952400	1952479	0.032	CVCCCCCCCCCCC
chrX	2041620	2041770	0.000105	CVCCCCCCCCCCC
chrX	2041620	2041770	0.000225	CVCCCCCCCCCCC
chrX	2041620	2041770	0.00129	CVCCCCCCCCCCC
chrX	2041620	2041770	0.00186	CVCCCCCCCCCCC
chrX	2041620	2041770	0.00943	CVCCCCCCCCCCC
chrX	2041620	2041770	0.0137	CVCCCCCCCCCCC
chrX	2041620	2041770	0.032	CVCCCCCCCCCCC
chrX	2041620	2041770	0.0483	CVCCCCCCCCCCC
chrX	2044820	2044970	0.000412	CVCCCCCCCCCCC
chrX	2044820	2044970	0.00196	CVCCCCCCCCCCC
chrX	2044820	2044970	0.00674	CVCCCCCCCCCCC
chrX	2044820	2044970	0.0209	CVCCCCCCCCCCC
chrX	2046346	2046470	0.00943	CVCCCCCCCCCCC
chrX	2046346	2046470	0.0137	CVCCCCCCCCCCC
chrX	2046346	2046470	0.032	CVCCCCCCCCCCC
chrX	2046346	2046470	0.0404	CVCCCCCCCCCCC
chrX	2136800	2136950	0.00674	CVCCCCCCCCCCC
chrX	2136800	2136950	0.0209	CVCCCCCCCCCCC
chrX	2180540	2180690	0.00129	CVCCCCCCCCCCC
chrX	2180540	2180690	0.00186	CVCCCCCCCCCCC
chrX	2180540	2180690	0.00532	CVCCCCCCCCCCC

chrX	2180540	2180690	0.0137	CVCCCCCCCCCCC
chrX	220600	220750	0.0382	CVCCCCCCCCCCC
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chrX	2211220	2211370	0.00129	CVCCCCCCCCCCC
chrX	2211220	2211370	0.00196	CVCCCCCCCCCCC
chrX	2211220	2211370	0.00268	CVCCCCCCCCCCC
chrX	2211220	2211370	0.0209	CVCCCCCCCCCCC
chrX	2211220	2211370	0.023	CVCCCCCCCCCCC
chrX	2213660	2213810	0.0209	CVCCCCCCCCCCC
chrX	2213660	2213810	0.0468	CVCCCCCCCCCCC
chrX	2299720	2299870	0.023	CVCCCCCCCCCCC
chrX	2320720	2320870	0.0468	CVCCCCCCCCCCC
chrX	2330220	2330370	0.00674	CVCCCCCCCCCCC
chrX	2330220	2330370	0.0209	CVCCCCCCCCCCC
chrX	2362820	2362970	0.0152	CVCCCCCCCCCCC
chrX	2362820	2362970	0.0404	CVCCCCCCCCCCC
chrX	2362820	2362970	0.0412	CVCCCCCCCCCCC
chrX	2426500	2426577	0.000105	CVCCCCCCCCCCC
chrX	2426500	2426577	0.00186	CVCCCCCCCCCCC
chrX	2426500	2426577	0.00196	CVCCCCCCCCCCC
chrX	2426500	2426577	0.00486	CVCCCCCCCCCCC
chrX	2426500	2426577	0.0209	CVCCCCCCCCCCC
chrX	2433960	2434110	0.000105	CVCCCCCCCCCCC
chrX	2433960	2434110	0.00186	CVCCCCCCCCCCC
chrX	2433960	2434110	0.00196	CVCCCCCCCCCCC
chrX	2433960	2434110	0.00532	CVCCCCCCCCCCC
chrX	2433960	2434110	0.0209	CVCCCCCCCCCCC
chrX	2433960	2434110	0.0353	CVCCCCCCCCCCC
chrX	2451780	2451930	0.00186	CVCCCCCCCCCCC
chrX	2451780	2451930	0.00196	CVCCCCCCCCCCC
chrX	2451780	2451930	0.00532	CVCCCCCCCCCCC
chrX	2451780	2451930	0.0209	CVCCCCCCCCCCC
chrX	2460000	2460150	0.0209	CVCCCCCCCCCCC
chrX	2471360	2471510	0.0185	CVCCCCCCCCCCC
chrX	2471360	2471510	0.0368	CVCCCCCCCCCCC
chrX	2603060	2603210	0.000105	CVCCCCCCCCCCC
chrX	2603060	2603210	0.00186	CVCCCCCCCCCCC
chrX	2603060	2603210	0.00196	CVCCCCCCCCCCC
chrX	2603060	2603210	0.00324	CVCCCCCCCCCCC
chrX	2603060	2603210	0.00441	CVCCCCCCCCCCC
chrX	2603060	2603210	0.0185	CVCCCCCCCCCCC
chrX	2620400	2620550	0.0039	CVCCCCCCCCCCC
chrX	2727000	2727150	0.000105	CVCCCCCCCCCCC
chrX	2727000	2727150	0.00129	CVCCCCCCCCCCC
chrX	2727000	2727150	0.00196	CVCCCCCCCCCCC
chrX	2727000	2727150	0.00674	CVCCCCCCCCCCC
chrX	2727000	2727150	0.00943	CVCCCCCCCCCCC

chrX	2727000	2727150	0.0368	CVCCCCCCCCCCC
chrX	2780300	2780450	0.0353	CVCCCCCCCCCCC
chrX	2791120	2791270	0.023	CVCCCCCCCCCCC
chrX	2791120	2791270	0.0483	CVCCCCCCCCCCC
chrX	279380	279530	0.000105	CVCCCCCCCCCCC
chrX	279380	279530	0.00129	CVCCCCCCCCCCC
chrX	279380	279530	0.00324	CVCCCCCCCCCCC
chrX	279380	279530	0.00943	CVCCCCCCCCCCC
chrX	279380	279530	0.0439	CVCCCCCCCCCCC
chrX	2796180	2796330	0.000412	CVCCCCCCCCCCC
chrX	2796180	2796330	0.00186	CVCCCCCCCCCCC
chrX	2796180	2796330	0.00196	CVCCCCCCCCCCC
chrX	2796180	2796330	0.0039	CVCCCCCCCCCCC
chrX	2796180	2796330	0.0137	CVCCCCCCCCCCC
chrX	2796180	2796330	0.0185	CVCCCCCCCCCCC
chrX	2796180	2796330	0.0209	CVCCCCCCCCCCC
chrX	2841700	2841850	0.00674	CVCCCCCCCCCCC
chrX	2841700	2841850	0.0185	CVCCCCCCCCCCC
chrX	2841700	2841850	0.0209	CVCCCCCCCCCCC
chrX	2841700	2841850	0.032	CVCCCCCCCCCCC
chrX	2864160	2864291	0.00592	CVCCCCCCCCCCC
chrX	2869576	2869710	0.00129	CVCCCCCCCCCCC
chrX	2869576	2869710	0.00268	CVCCCCCCCCCCC
chrX	2869576	2869710	0.00592	CVCCCCCCCCCCC
chrX	2869576	2869710	0.00943	CVCCCCCCCCCCC
chrX	2869576	2869710	0.0137	CVCCCCCCCCCCC
chrX	2869576	2869710	0.0185	CVCCCCCCCCCCC
chrX	2874800	2874941	0.000412	CVCCCCCCCCCCC
chrX	2874800	2874941	0.00196	CVCCCCCCCCCCC
chrX	2874800	2874941	0.0039	CVCCCCCCCCCCC
chrX	2874800	2874941	0.0185	CVCCCCCCCCCCC
chrX	2874800	2874941	0.0209	CVCCCCCCCCCCC
chrX	2921520	2921670	0.023	CVCCCCCCCCCCC
chrX	2922180	2922330	0.0281	CVCCCCCCCCCCC
chrX	2953680	2953830	0.000105	CVCCCCCCCCCCC
chrX	2953680	2953830	0.000225	CVCCCCCCCCCCC
chrX	2953680	2953830	0.00129	CVCCCCCCCCCCC
chrX	2953680	2953830	0.00196	CVCCCCCCCCCCC
chrX	2953680	2953830	0.00268	CVCCCCCCCCCCC
chrX	2953680	2953830	0.00943	CVCCCCCCCCCCC
chrX	2953680	2953830	0.0185	CVCCCCCCCCCCC
chrX	2953680	2953830	0.0382	CVCCCCCCCCCCC
chrX	3024980	3025062	0.00532	CVCCCCCCCCCCC
chrX	3040732	3040810	0.000105	CVCCCCCCCCCCC
chrX	3040732	3040810	0.00186	CVCCCCCCCCCCC
chrX	3040732	3040810	0.00196	CVCCCCCCCCCCC
chrX	3040732	3040810	0.00532	CVCCCCCCCCCCC

chrX	3040732	3040810	0.0185	CVCCCCCCCCCCC
chrX	3040732	3040810	0.0209	CVCCCCCCCCCCC
chrX	3040732	3040810	0.0458	CVCCCCCCCCCCC
chrX	3069260	3069410	0.0439	CVCCCCCCCCCCC
chrX	3069260	3069410	0.0458	CVCCCCCCCCCCC
chrX	3156360	3156510	0.000225	CVCCCCCCCCCCC
chrX	3156360	3156510	0.00129	CVCCCCCCCCCCC
chrX	3156360	3156510	0.00196	CVCCCCCCCCCCC
chrX	3156360	3156510	0.0185	CVCCCCCCCCCCC
chrX	3156360	3156510	0.0209	CVCCCCCCCCCCC
chrX	3225080	3225230	0.000105	CVCCCCCCCCCCC
chrX	3225080	3225230	0.000412	CVCCCCCCCCCCC
chrX	3225080	3225230	0.00129	CVCCCCCCCCCCC
chrX	3225080	3225230	0.00196	CVCCCCCCCCCCC
chrX	3225080	3225230	0.0137	CVCCCCCCCCCCC
chrX	3225080	3225230	0.0209	CVCCCCCCCCCCC
chrX	3252740	3252890	0.0458	CVCCCCCCCCCCC
chrX	3314080	3314230	0.00129	CVCCCCCCCCCCC
chrX	3314080	3314230	0.00674	CVCCCCCCCCCCC
chrX	3314080	3314230	0.00943	CVCCCCCCCCCCC
chrX	3314080	3314230	0.0185	CVCCCCCCCCCCC
chrX	3314080	3314230	0.0353	CVCCCCCCCCCCC
chrX	3414840	3414990	0.000105	CVCCCCCCCCCCC
chrX	3414840	3414990	0.00129	CVCCCCCCCCCCC
chrX	3414840	3414990	0.00196	CVCCCCCCCCCCC
chrX	3414840	3414990	0.00532	CVCCCCCCCCCCC
chrX	3414840	3414990	0.00638	CVCCCCCCCCCCC
chrX	3414840	3414990	0.0185	CVCCCCCCCCCCC
chrX	3414840	3414990	0.0209	CVCCCCCCCCCCC
chrX	3434240	3434390	0.0209	CVCCCCCCCCCCC
chrX	3472900	3473050	0.00129	CVCCCCCCCCCCC
chrX	3472900	3473050	0.00674	CVCCCCCCCCCCC
chrX	3472900	3473050	0.00943	CVCCCCCCCCCCC
chrX	3472900	3473050	0.0185	CVCCCCCCCCCCC
chrX	3472900	3473050	0.0368	CVCCCCCCCCCCC
chrX	3506960	3507110	0.032	CVCCCCCCCCCCC
chrX	3506960	3507110	0.0483	CVCCCCCCCCCCC
chrX	3507880	3508030	0.00943	CVCCCCCCCCCCC
chrX	3507880	3508030	0.023	CVCCCCCCCCCCC
chrX	361580	361730	0.000105	CVCCCCCCCCCCC
chrX	361580	361730	0.00196	CVCCCCCCCCCCC
chrX	361580	361730	0.00674	CVCCCCCCCCCCC
chrX	3618940	3619090	0.0209	CVCCCCCCCCCCC
chrX	3638340	3638490	0.0185	CVCCCCCCCCCCC
chrX	3638340	3638490	0.032	CVCCCCCCCCCCC
chrX	3638340	3638490	0.0368	CVCCCCCCCCCCC
chrX	3678760	3678910	0.000105	CVCCCCCCCCCCC

chrX	3678760	3678910	0.00129	CVCCCCCCCCCCC
chrX	3678760	3678910	0.00186	CVCCCCCCCCCCC
chrX	3678760	3678910	0.00532	CVCCCCCCCCCCC
chrX	3678760	3678910	0.0185	CVCCCCCCCCCCC
chrX	3732280	3732330	0.032	CVCCCCCCCCCCC
chrX	3796660	3796810	0.00196	CVCCCCCCCCCCC
chrX	3796660	3796810	0.0185	CVCCCCCCCCCCC
chrX	3825280	3825430	0.000105	CVCCCCCCCCCCC
chrX	3825280	3825430	0.00129	CVCCCCCCCCCCC
chrX	3825280	3825430	0.00186	CVCCCCCCCCCCC
chrX	3825280	3825430	0.00532	CVCCCCCCCCCCC
chrX	3825280	3825430	0.00638	CVCCCCCCCCCCC
chrX	3825280	3825430	0.0185	CVCCCCCCCCCCC
chrX	3829300	3829410	0.0209	CVCCCCCCCCCCC
chrX	3829300	3829410	0.0468	CVCCCCCCCCCCC
chrX	3837340	3837490	0.000105	CVCCCCCCCCCCC
chrX	3837340	3837490	0.00196	CVCCCCCCCCCCC
chrX	3837340	3837490	0.00592	CVCCCCCCCCCCC
chrX	3837340	3837490	0.0209	CVCCCCCCCCCCC
chrX	3837340	3837490	0.032	CVCCCCCCCCCCC
chrX	3858000	3858150	0.0185	CVCCCCCCCCCCC
chrX	3873320	3873470	0.0404	CVCCCCCCCCCCC
chrX	3900640	3900790	0.000105	CVCCCCCCCCCCC
chrX	3900640	3900790	0.00186	CVCCCCCCCCCCC
chrX	3900640	3900790	0.00441	CVCCCCCCCCCCC
chrX	3900640	3900790	0.0137	CVCCCCCCCCCCC
chrX	3900640	3900790	0.0281	CVCCCCCCCCCCC
chrX	3900640	3900790	0.0404	CVCCCCCCCCCCC
chrX	3939160	3939310	0.000105	CVCCCCCCCCCCC
chrX	3939160	3939310	0.00129	CVCCCCCCCCCCC
chrX	3939160	3939310	0.00196	CVCCCCCCCCCCC
chrX	3939160	3939310	0.0039	CVCCCCCCCCCCC
chrX	3939160	3939310	0.00592	CVCCCCCCCCCCC
chrX	3939160	3939310	0.0185	CVCCCCCCCCCCC
chrX	3972433	3972544	0.0209	CVCCCCCCCCCCC
chrX	3985680	3985830	0.0267	CVCCCCCCCCCCC
chrX	3995400	3995550	0.0458	CVCCCCCCCCCCC
chrX	4011320	4011470	0.0458	CVCCCCCCCCCCC
chrX	4074340	4074490	0.000105	CVCCCCCCCCCCC
chrX	4074340	4074490	0.00186	CVCCCCCCCCCCC
chrX	4074340	4074490	0.00532	CVCCCCCCCCCCC
chrX	4074340	4074490	0.0209	CVCCCCCCCCCCC
chrX	4089200	4089350	0.0209	CVCCCCCCCCCCC
chrX	4144300	4144450	0.00943	CVCCCCCCCCCCC
chrX	4144300	4144450	0.023	CVCCCCCCCCCCC
chrX	4144300	4144450	0.0483	CVCCCCCCCCCCC
chrX	4171460	4171610	0.000105	CVCCCCCCCCCCC

chrX	4171460	4171610	0.000412	CVCCCCCCCCCCCC
chrX	4171460	4171610	0.00129	CVCCCCCCCCCCCC
chrX	4171460	4171610	0.00196	CVCCCCCCCCCCCC
chrX	4171460	4171610	0.00943	CVCCCCCCCCCCCC
chrX	4171460	4171610	0.0209	CVCCCCCCCCCCCC
chrX	4180340	4180490	0.0353	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.000105	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.000225	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.00129	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.00196	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.0185	CVCCCCCCCCCCCC
chrX	4219180	4219330	0.0209	CVCCCCCCCCCCCC
chrX	4224540	4224690	0.000105	CVCCCCCCCCCCCC
chrX	4224540	4224690	0.00129	CVCCCCCCCCCCCC
chrX	4224540	4224690	0.0137	CVCCCCCCCCCCCC
chrX	4247185	4247330	0.0404	CVCCCCCCCCCCCC
chrX	42680	42830	0.000105	CVCCCCCCCCCCCC
chrX	42680	42830	0.00186	CVCCCCCCCCCCCC
chrX	42680	42830	0.00196	CVCCCCCCCCCCCC
chrX	42680	42830	0.00674	CVCCCCCCCCCCCC
chrX	42680	42830	0.0152	CVCCCCCCCCCCCC
chrX	42680	42830	0.0209	CVCCCCCCCCCCCC
chrX	431760	431874	0.000105	CVCCCCCCCCCCCC
chrX	431760	431874	0.00186	CVCCCCCCCCCCCC
chrX	431760	431874	0.00196	CVCCCCCCCCCCCC
chrX	431760	431874	0.00532	CVCCCCCCCCCCCC
chrX	431760	431874	0.00638	CVCCCCCCCCCCCC
chrX	431760	431874	0.0209	CVCCCCCCCCCCCC
chrX	4329920	4330070	0.000105	CVCCCCCCCCCCCC
chrX	4329920	4330070	0.00196	CVCCCCCCCCCCCC
chrX	4329920	4330070	0.00638	CVCCCCCCCCCCCC
chrX	4329920	4330070	0.0185	CVCCCCCCCCCCCC
chrX	4329920	4330070	0.0468	CVCCCCCCCCCCCC
chrX	433180	433330	0.0468	CVCCCCCCCCCCCC
chrX	434360	434510	0.00196	CVCCCCCCCCCCCC
chrX	434360	434510	0.00674	CVCCCCCCCCCCCC
chrX	434360	434510	0.0185	CVCCCCCCCCCCCC
chrX	434360	434510	0.0209	CVCCCCCCCCCCCC
chrX	434360	434510	0.0353	CVCCCCCCCCCCCC
chrX	434360	434510	0.0439	CVCCCCCCCCCCCC
chrX	435480	435630	0.000105	CVCCCCCCCCCCCC
chrX	435480	435630	0.00196	CVCCCCCCCCCCCC
chrX	435480	435630	0.00674	CVCCCCCCCCCCCC
chrX	435480	435630	0.0209	CVCCCCCCCCCCCC
chrX	4383520	4383670	0.000105	CVCCCCCCCCCCCC
chrX	4383520	4383670	0.00129	CVCCCCCCCCCCCC
chrX	4383520	4383670	0.0185	CVCCCCCCCCCCCC

chrX	4385240	4385390	0.000105	CVCCCCCCCCCCC
chrX	4385240	4385390	0.000412	CVCCCCCCCCCCC
chrX	4385240	4385390	0.00196	CVCCCCCCCCCCC
chrX	4385240	4385390	0.0185	CVCCCCCCCCCCC
chrX	4385240	4385390	0.0353	CVCCCCCCCCCCC
chrX	4385240	4385390	0.0439	CVCCCCCCCCCCC
chrX	4419380	4419530	0.000105	CVCCCCCCCCCCC
chrX	4419380	4419530	0.00129	CVCCCCCCCCCCC
chrX	4419380	4419530	0.00186	CVCCCCCCCCCCC
chrX	4419380	4419530	0.00441	CVCCCCCCCCCCC
chrX	4419380	4419530	0.00943	CVCCCCCCCCCCC
chrX	4419380	4419530	0.0281	CVCCCCCCCCCCC
chrX	4524040	4524187	0.0439	CVCCCCCCCCCCC
chrX	4606320	4606470	0.0468	CVCCCCCCCCCCC
chrX	4637140	4637290	0.0137	CVCCCCCCCCCCC
chrX	4637140	4637290	0.0152	CVCCCCCCCCCCC
chrX	4637140	4637290	0.0404	CVCCCCCCCCCCC
chrX	4651640	4651790	0.0439	CVCCCCCCCCCCC
chrX	4699780	4699930	0.00196	CVCCCCCCCCCCC
chrX	4699780	4699930	0.0209	CVCCCCCCCCCCC
chrX	4699780	4699930	0.0468	CVCCCCCCCCCCC
chrX	4702280	4702430	0.000105	CVCCCCCCCCCCC
chrX	4702280	4702430	0.000412	CVCCCCCCCCCCC
chrX	4702280	4702430	0.00129	CVCCCCCCCCCCC
chrX	4702280	4702430	0.00196	CVCCCCCCCCCCC
chrX	4702280	4702430	0.00943	CVCCCCCCCCCCC
chrX	4702280	4702430	0.0209	CVCCCCCCCCCCC
chrX	4720640	4720710	0.00196	CVCCCCCCCCCCC
chrX	4720640	4720710	0.0209	CVCCCCCCCCCCC
chrX	4744120	4744270	0.0404	CVCCCCCCCCCCC
chrX	4749280	4749430	0.0267	CVCCCCCCCCCCC
chrX	4760720	4760870	0.0209	CVCCCCCCCCCCC
chrX	4760720	4760870	0.032	CVCCCCCCCCCCC
chrX	4761612	4761670	0.0137	CVCCCCCCCCCCC
chrX	4762980	4763130	0.00674	CVCCCCCCCCCCC
chrX	4787760	4787910	0.0468	CVCCCCCCCCCCC
chrX	4813140	4813290	0.0382	CVCCCCCCCCCCC
chrX	4897452	4897570	0.000105	CVCCCCCCCCCCC
chrX	4897452	4897570	0.00196	CVCCCCCCCCCCC
chrX	4897452	4897570	0.00674	CVCCCCCCCCCCC
chrX	4899820	4899970	0.000105	CVCCCCCCCCCCC
chrX	4899820	4899970	0.00129	CVCCCCCCCCCCC
chrX	4899820	4899970	0.00196	CVCCCCCCCCCCC
chrX	4899820	4899970	0.00324	CVCCCCCCCCCCC
chrX	4899820	4899970	0.00441	CVCCCCCCCCCCC
chrX	4899820	4899970	0.0209	CVCCCCCCCCCCC
chrX	4899820	4899970	0.0404	CVCCCCCCCCCCC

chrX	4917520	4917670	0.0209	CVCCCCCCCCCCC
chrX	4932980	4933130	0.0209	CVCCCCCCCCCCC
chrX	4932980	4933130	0.0458	CVCCCCCCCCCCC
chrX	4959260	4959410	0.000105	CVCCCCCCCCCCC
chrX	4959260	4959410	0.00196	CVCCCCCCCCCCC
chrX	4959260	4959410	0.00674	CVCCCCCCCCCCC
chrX	4959260	4959410	0.0185	CVCCCCCCCCCCC
chrX	4982820	4982970	0.00532	CVCCCCCCCCCCC
chrX	4982820	4982970	0.0185	CVCCCCCCCCCCC
chrX	4982820	4982970	0.0209	CVCCCCCCCCCCC
chrX	5034040	5034190	0.0468	CVCCCCCCCCCCC
chrX	5084489	5084590	0.0458	CVCCCCCCCCCCC
chrX	5099900	5100050	0.0209	CVCCCCCCCCCCC
chrX	5312799	5312910	0.0209	CVCCCCCCCCCCC
chrX	5354580	5354730	0.0458	CVCCCCCCCCCCC
chrX	5562640	5562790	0.0209	CVCCCCCCCCCCC
chrX	5562640	5562790	0.0368	CVCCCCCCCCCCC
chrX	5661400	5661550	0.0185	CVCCCCCCCCCCC
chrX	5661400	5661550	0.0483	CVCCCCCCCCCCC
chrX	5668740	5668890	0.0404	CVCCCCCCCCCCC
chrX	5814160	5814310	0.000412	CVCCCCCCCCCCC
chrX	5814160	5814310	0.00196	CVCCCCCCCCCCC
chrX	5814160	5814310	0.00674	CVCCCCCCCCCCC
chrX	5814160	5814310	0.0209	CVCCCCCCCCCCC
chrX	5820920	5821070	0.0382	CVCCCCCCCCCCC
chrX	5867500	5867650	0.00196	CVCCCCCCCCCCC
chrX	5867500	5867650	0.0039	CVCCCCCCCCCCC
chrX	5867500	5867650	0.0185	CVCCCCCCCCCCC
chrX	5867500	5867650	0.0209	CVCCCCCCCCCCC
chrX	5868940	5869090	0.0458	CVCCCCCCCCCCC
chrX	590720	590870	0.000105	CVCCCCCCCCCCC
chrX	590720	590870	0.00032	CVCCCCCCCCCCC
chrX	590720	590870	0.00186	CVCCCCCCCCCCC
chrX	590720	590870	0.00638	CVCCCCCCCCCCC
chrX	590720	590870	0.0137	CVCCCCCCCCCCC
chrX	590720	590870	0.0209	CVCCCCCCCCCCC
chrX	5943940	5944090	0.032	CVCCCCCCCCCCC
chrX	6028820	6028970	0.00196	CVCCCCCCCCCCC
chrX	6028820	6028970	0.0209	CVCCCCCCCCCCC
chrX	6040860	6041150	0.000105	CVCCCCCCCCCCC
chrX	6040860	6041150	0.00129	CVCCCCCCCCCCC
chrX	6040860	6041150	0.00186	CVCCCCCCCCCCC
chrX	6040860	6041150	0.0039	CVCCCCCCCCCCC
chrX	6040860	6041150	0.00532	CVCCCCCCCCCCC
chrX	6040860	6041150	0.0137	CVCCCCCCCCCCC
chrX	6040860	6041150	0.0209	CVCCCCCCCCCCC
chrX	6062460	6062597	0.00943	CVCCCCCCCCCCC

chrX	6062460	6062597	0.023	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.00129	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.00196	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.0039	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.0209	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.032	CVCCCCCCCCCCCC
chrX	6065986	6066130	0.0483	CVCCCCCCCCCCCC
chrX	6080558	6080590	0.00196	CVCCCCCCCCCCCC
chrX	6080558	6080590	0.0209	CVCCCCCCCCCCCC
chrX	6155400	6155550	0.000105	CVCCCCCCCCCCCC
chrX	6155400	6155550	0.00129	CVCCCCCCCCCCCC
chrX	6155400	6155550	0.0185	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.000105	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.00129	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.00196	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.00592	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.0185	CVCCCCCCCCCCCC
chrX	6166560	6166770	0.032	CVCCCCCCCCCCCC
chrX	621800	621950	0.00196	CVCCCCCCCCCCCC
chrX	621800	621950	0.00532	CVCCCCCCCCCCCC
chrX	621800	621950	0.00638	CVCCCCCCCCCCCC
chrX	621800	621950	0.0209	CVCCCCCCCCCCCC
chrX	6247600	6247750	0.00129	CVCCCCCCCCCCCC
chrX	6247600	6247750	0.00196	CVCCCCCCCCCCCC
chrX	6247600	6247750	0.0039	CVCCCCCCCCCCCC
chrX	6247600	6247750	0.0209	CVCCCCCCCCCCCC
chrX	6252100	6252250	0.0209	CVCCCCCCCCCCCC
chrX	6252100	6252250	0.0468	CVCCCCCCCCCCCC
chrX	631420	631570	0.032	CVCCCCCCCCCCCC
chrX	6385300	6385450	0.0209	CVCCCCCCCCCCCC
chrX	6385300	6385450	0.0458	CVCCCCCCCCCCCC
chrX	6385300	6385450	0.0468	CVCCCCCCCCCCCC
chrX	6487140	6487290	0.00196	CVCCCCCCCCCCCC
chrX	6487140	6487290	0.0185	CVCCCCCCCCCCCC
chrX	6487140	6487290	0.0209	CVCCCCCCCCCCCC
chrX	6487140	6487290	0.0468	CVCCCCCCCCCCCC
chrX	6571300	6571450	0.032	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.000105	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.000225	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.00129	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.00943	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.0137	CVCCCCCCCCCCCC
chrX	6689260	6689410	0.023	CVCCCCCCCCCCCC
chrX	6857300	6857450	0.0209	CVCCCCCCCCCCCC
chrX	6889380	6889530	0.0137	CVCCCCCCCCCCCC
chrX	6912020	6912170	0.000105	CVCCCCCCCCCCCC
chrX	6912020	6912170	0.00186	CVCCCCCCCCCCCC

chrX	6912020	6912170	0.00196	CVCCCCCCCCCCC
chrX	6912020	6912170	0.00532	CVCCCCCCCCCCC
chrX	6912020	6912170	0.0185	CVCCCCCCCCCCC
chrX	6912020	6912170	0.0458	CVCCCCCCCCCCC
chrX	6919540	6919605	0.0483	CVCCCCCCCCCCC
chrX	6940180	6940330	0.0137	CVCCCCCCCCCCC
chrX	6940180	6940330	0.0382	CVCCCCCCCCCCC
chrX	6940180	6940330	0.0404	CVCCCCCCCCCCC
chrX	6940180	6940330	0.0412	CVCCCCCCCCCCC
chrX	6947300	6947450	0.00486	CVCCCCCCCCCCC
chrX	6951660	6951810	0.000105	CVCCCCCCCCCCC
chrX	6951660	6951810	0.000412	CVCCCCCCCCCCC
chrX	6951660	6951810	0.00196	CVCCCCCCCCCCC
chrX	6951660	6951810	0.0039	CVCCCCCCCCCCC
chrX	6951660	6951810	0.0185	CVCCCCCCCCCCC
chrX	6951660	6951810	0.0209	CVCCCCCCCCCCC
chrX	6958940	6959090	0.0353	CVCCCCCCCCCCC
chrX	696640	696790	0.0185	CVCCCCCCCCCCC
chrX	714540	714690	0.0209	CVCCCCCCCCCCC
chrX	7280020	7280170	0.000105	CVCCCCCCCCCCC
chrX	7280020	7280170	0.000412	CVCCCCCCCCCCC
chrX	7280020	7280170	0.00129	CVCCCCCCCCCCC
chrX	7280020	7280170	0.00196	CVCCCCCCCCCCC
chrX	7280020	7280170	0.0185	CVCCCCCCCCCCC
chrX	7280020	7280170	0.032	CVCCCCCCCCCCC
chrX	7280960	7281110	0.00592	CVCCCCCCCCCCC
chrX	7280960	7281110	0.0185	CVCCCCCCCCCCC
chrX	7289580	7289730	0.0368	CVCCCCCCCCCCC
chrX	7299500	7299650	0.00268	CVCCCCCCCCCCC
chrX	7309900	7310050	0.0353	CVCCCCCCCCCCC
chrX	7478480	7478630	0.0368	CVCCCCCCCCCCC
chrX	7534640	7534790	0.0209	CVCCCCCCCCCCC
chrX	7616500	7616650	0.0483	CVCCCCCCCCCCC
chrX	7626980	7627130	0.0404	CVCCCCCCCCCCC
chrX	7637760	7637910	0.0209	CVCCCCCCCCCCC
chrX	7649520	7649670	0.0439	CVCCCCCCCCCCC
chrX	7720880	7721030	0.0209	CVCCCCCCCCCCC
chrX	7720880	7721030	0.0368	CVCCCCCCCCCCC
chrX	7779440	7779590	0.00196	CVCCCCCCCCCCC
chrX	7779440	7779590	0.0209	CVCCCCCCCCCCC
chrX	8017260	8017410	0.000105	CVCCCCCCCCCCC
chrX	8017260	8017410	0.000412	CVCCCCCCCCCCC
chrX	8017260	8017410	0.00196	CVCCCCCCCCCCC
chrX	8017260	8017410	0.0209	CVCCCCCCCCCCC
chrX	8017260	8017410	0.0353	CVCCCCCCCCCCC
chrX	8017260	8017410	0.0439	CVCCCCCCCCCCC
chrX	8019720	8019870	0.000105	CVCCCCCCCCCCC

chrX	8019720	8019870	0.000225	CVCCCCCCCCCCCC
chrX	8019720	8019870	0.00129	CVCCCCCCCCCCCC
chrX	8019720	8019870	0.0185	CVCCCCCCCCCCCC
chrX	8019720	8019870	0.0439	CVCCCCCCCCCCCC
chrX	8052960	8053110	0.0468	CVCCCCCCCCCCCC
chrX	8201280	8201430	0.00196	CVCCCCCCCCCCCC
chrX	8201280	8201430	0.00674	CVCCCCCCCCCCCC
chrX	8201280	8201430	0.0185	CVCCCCCCCCCCCC
chrX	8201280	8201430	0.032	CVCCCCCCCCCCCC
chrX	8233060	8233210	0.00196	CVCCCCCCCCCCCC
chrX	8233060	8233210	0.00674	CVCCCCCCCCCCCC
chrX	8233060	8233210	0.0185	CVCCCCCCCCCCCC
chrX	8233060	8233210	0.0368	CVCCCCCCCCCCCC
chrX	8250960	8251110	0.00196	CVCCCCCCCCCCCC
chrX	8250960	8251110	0.0039	CVCCCCCCCCCCCC
chrX	8250960	8251110	0.00592	CVCCCCCCCCCCCC
chrX	8250960	8251110	0.0185	CVCCCCCCCCCCCC
chrX	8250960	8251110	0.0368	CVCCCCCCCCCCCC
chrX	8400300	8400450	0.000105	CVCCCCCCCCCCCC
chrX	8400300	8400450	0.00032	CVCCCCCCCCCCCC
chrX	8400300	8400450	0.00186	CVCCCCCCCCCCCC
chrX	8400300	8400450	0.0209	CVCCCCCCCCCCCC
chrX	857800	857950	0.0439	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.000105	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.00129	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.00186	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.00441	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.0137	CVCCCCCCCCCCCC
chrX	8704140	8704290	0.0353	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.000105	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.000412	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.00196	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.0185	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.0209	CVCCCCCCCCCCCC
chrX	8769940	8770090	0.0368	CVCCCCCCCCCCCC
chrX	8892360	8892510	0.00674	CVCCCCCCCCCCCC
chrX	8892360	8892510	0.0209	CVCCCCCCCCCCCC
chrX	8892360	8892510	0.0468	CVCCCCCCCCCCCC
chrX	8896860	8897010	0.0382	CVCCCCCCCCCCCC
chrX	8905240	8905390	0.0185	CVCCCCCCCCCCCC
chrX	8905240	8905390	0.032	CVCCCCCCCCCCCC
chrX	908140	908290	0.0152	CVCCCCCCCCCCCC
chrX	908140	908290	0.0412	CVCCCCCCCCCCCC
chrX	9169022	9169170	0.023	CVCCCCCCCCCCCC
chrX	9320100	9320250	0.0404	CVCCCCCCCCCCCC
chrX	9378440	9378590	0.00268	CVCCCCCCCCCCCC
chrX	9378440	9378590	0.00943	CVCCCCCCCCCCCC

chrX	9483860	9484010	0.0267	CVCCCCCCCCCCC
chrX	9734980	9735130	0.000105	CVCCCCCCCCCCC
chrX	9734980	9735130	0.000412	CVCCCCCCCCCCC
chrX	9734980	9735130	0.00129	CVCCCCCCCCCCC
chrX	9734980	9735130	0.00196	CVCCCCCCCCCCC
chrX	9734980	9735130	0.0185	CVCCCCCCCCCCC
chrX	9741300	9741450	0.000412	CVCCCCCCCCCCC
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chrV	18684500	18684650	0.0296	GAATTGCGYCA
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chrV	18908140	18908290	0.0296	GAATTGCGYCA
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chrX	14939171	14939230	0.0214	GCRGCCGACA
chrX	15025200	15025350	0.0173	GCRGCCGACA
chrX	15407540	15407690	0.0173	GCRGCCGACA
chrX	15480100	15480250	0.0214	GCRGCCGACA
chrX	15851060	15851210	0.0214	GCRGCCGACA
chrX	15956640	15956790	0.0173	GCRGCCGACA
chrX	16014060	16014210	0.0214	GCRGCCGACA
chrX	16189400	16189550	0.0498	GCRGCCGACA
chrX	16239000	16239150	0.0214	GCRGCCGACA

chrX	16357580	16357730	0.0214	GCRGCCGACA
chrX	16564520	16564670	0.0296	GCRGCCGACA
chrX	16565780	16565930	0.0296	GCRGCCGACA
chrX	16566380	16566530	0.0296	GCRGCCGACA
chrX	16571900	16572050	0.0214	GCRGCCGACA
chrX	1688760	1688910	0.0296	GCRGCCGACA
chrX	17213428	17213477	0.0296	GCRGCCGACA
chrX	1787528	1787630	0.0498	GCRGCCGACA
chrX	1804100	1804233	0.0214	GCRGCCGACA
chrX	20140	20290	0.0173	GCRGCCGACA
chrX	2328840	2328990	0.0214	GCRGCCGACA
chrX	2761160	2761310	0.0214	GCRGCCGACA
chrX	2767280	2767430	0.0402	GCRGCCGACA
chrX	2990180	2990330	0.0214	GCRGCCGACA
chrX	3200780	3200930	0.0296	GCRGCCGACA
chrX	4394560	4394710	0.0498	GCRGCCGACA
chrX	4410060	4410210	0.0498	GCRGCCGACA
chrX	5004340	5004490	0.0173	GCRGCCGACA
chrX	538140	538290	0.0214	GCRGCCGACA
chrX	6036560	6036710	0.0498	GCRGCCGACA
chrX	872060	872210	0.0214	GCRGCCGACA
chrX	9137640	9137790	0.0173	GCRGCCGACA
chrX	9760	9910	0.0498	GCRGCCGACA
chrI	10840040	10840190	0.0125	GCTCCGNGAGC
chrI	11380	11495	0.02	GCTCCGNGAGC
chrI	11559300	11559450	0.0232	GCTCCGNGAGC
chrI	11602960	11603110	0.0125	GCTCCGNGAGC
chrI	11603600	11603750	0.0125	GCTCCGNGAGC
chrI	11607011	11607150	0.02	GCTCCGNGAGC
chrI	11674980	11675130	0.02	GCTCCGNGAGC
chrI	11945940	11946090	0.0125	GCTCCGNGAGC
chrI	11963060	11963210	0.0125	GCTCCGNGAGC
chrI	12173080	12173230	0.0125	GCTCCGNGAGC
chrI	12179520	12179670	0.0125	GCTCCGNGAGC
chrI	12988100	12988231	0.0163	GCTCCGNGAGC
chrI	13345340	13345490	0.0232	GCTCCGNGAGC
chrI	14195580	14195730	0.02	GCTCCGNGAGC
chrI	14231360	14231490	0.02	GCTCCGNGAGC
chrI	1444300	1444450	0.0125	GCTCCGNGAGC
chrI	14902880	14903030	0.0125	GCTCCGNGAGC
chrI	14936660	14936810	0.0163	GCTCCGNGAGC
chrI	1582040	1582190	0.02	GCTCCGNGAGC
chrI	3829760	3829910	0.02	GCTCCGNGAGC
chrI	4525320	4525470	0.0163	GCTCCGNGAGC
chrI	4780420	4780570	0.0423	GCTCCGNGAGC
chrI	5226440	5226590	0.0125	GCTCCGNGAGC
chrI	5626480	5626630	0.0125	GCTCCGNGAGC

chrI	6001099	6001230	0.0163	GCTCCGNGAGC
chrI	6607980	6608130	0.0468	GCTCCGNGAGC
chrI	7029140	7029290	0.02	GCTCCGNGAGC
chrI	816100	816250	0.0362	GCTCCGNGAGC
chrII	10076040	10076190	0.02	GCTCCGNGAGC
chrII	10566540	10566690	0.0232	GCTCCGNGAGC
chrII	1212260	1212410	0.0163	GCTCCGNGAGC
chrII	12371360	12371510	0.0125	GCTCCGNGAGC
chrII	12668960	12669110	0.0163	GCTCCGNGAGC
chrII	12778420	12778570	0.0125	GCTCCGNGAGC
chrII	12797300	12797450	0.02	GCTCCGNGAGC
chrII	13275100	13275250	0.0232	GCTCCGNGAGC
chrII	1333700	1333850	0.0125	GCTCCGNGAGC
chrII	14156320	14156405	0.0125	GCTCCGNGAGC
chrII	14451940	14452090	0.0163	GCTCCGNGAGC
chrII	14739540	14739690	0.0125	GCTCCGNGAGC
chrII	14940400	14940550	0.0125	GCTCCGNGAGC
chrII	15264620	15264770	0.0125	GCTCCGNGAGC
chrII	1645120	1645270	0.0163	GCTCCGNGAGC
chrII	2662088	2662130	0.0232	GCTCCGNGAGC
chrII	3267520	3267663	0.0232	GCTCCGNGAGC
chrII	3369700	3369834	0.0125	GCTCCGNGAGC
chrII	3596100	3596250	0.0163	GCTCCGNGAGC
chrII	401300	401450	0.0125	GCTCCGNGAGC
chrII	4118960	4119110	0.02	GCTCCGNGAGC
chrII	6335360	6335478	0.0163	GCTCCGNGAGC
chrII	7483280	7483430	0.0163	GCTCCGNGAGC
chrII	758880	759030	0.0125	GCTCCGNGAGC
chrIII	11026640	11026790	0.0125	GCTCCGNGAGC
chrIII	11036520	11036670	0.0163	GCTCCGNGAGC
chrIII	11203820	11203970	0.0423	GCTCCGNGAGC
chrIII	11332440	11332590	0.0125	GCTCCGNGAGC
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chrIII	13037020	13037170	0.0125	GCTCCGNGAGC
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chrIII	13745960	13746005	0.0125	GCTCCGNGAGC
chrIII	1792080	1792230	0.0163	GCTCCGNGAGC
chrIII	1801240	1801390	0.0163	GCTCCGNGAGC
chrIII	2089580	2089730	0.02	GCTCCGNGAGC
chrIII	218040	218190	0.0125	GCTCCGNGAGC
chrIII	2548420	2548570	0.0125	GCTCCGNGAGC
chrIII	2618358	2618490	0.0423	GCTCCGNGAGC
chrIII	2902100	2902250	0.02	GCTCCGNGAGC
chrIII	2914160	2914310	0.02	GCTCCGNGAGC
chrIII	2983160	2983310	0.0163	GCTCCGNGAGC
chrIII	3031360	3031510	0.02	GCTCCGNGAGC

chrIII	3139221	3139310	0.0125	GCTCCGNGAGC
chrIII	3140300	3140450	0.0163	GCTCCGNGAGC
chrIII	3186580	3186700	0.0125	GCTCCGNGAGC
chrIII	3232760	3232910	0.0125	GCTCCGNGAGC
chrIII	3322340	3322490	0.0125	GCTCCGNGAGC
chrIII	3542200	3542350	0.0125	GCTCCGNGAGC
chrIII	4137860	4138010	0.0163	GCTCCGNGAGC
chrIII	562080	562230	0.0232	GCTCCGNGAGC
chrIII	6403820	6403970	0.0232	GCTCCGNGAGC
chrIII	6741160	6741310	0.0125	GCTCCGNGAGC
chrIII	7579411	7579470	0.0125	GCTCCGNGAGC
chrIII	7661180	7661330	0.02	GCTCCGNGAGC
chrIII	8770420	8770570	0.0125	GCTCCGNGAGC
chrIII	9191660	9191810	0.0125	GCTCCGNGAGC
chrIII	9344860	9345010	0.02	GCTCCGNGAGC
chrIV	1108240	1108390	0.0163	GCTCCGNGAGC
chrIV	12636380	12636530	0.0125	GCTCCGNGAGC
chrIV	12746240	12746390	0.0125	GCTCCGNGAGC
chrIV	13851440	13851590	0.0163	GCTCCGNGAGC
chrIV	14874860	14875010	0.0163	GCTCCGNGAGC
chrIV	15494480	15494630	0.0125	GCTCCGNGAGC
chrIV	16020940	16021090	0.0163	GCTCCGNGAGC
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chrIV	2292280	2292430	0.0163	GCTCCGNGAGC
chrIV	2489060	2489210	0.0125	GCTCCGNGAGC
chrIV	3030060	3030210	0.0232	GCTCCGNGAGC
chrIV	3654920	3655070	0.0125	GCTCCGNGAGC
chrIV	3774200	3774350	0.0163	GCTCCGNGAGC
chrIV	3800620	3800770	0.02	GCTCCGNGAGC
chrIV	4035080	4035230	0.0163	GCTCCGNGAGC
chrIV	5962660	5962810	0.0163	GCTCCGNGAGC
chrIV	5985440	5985577	0.0232	GCTCCGNGAGC
chrIV	6059840	6059990	0.0163	GCTCCGNGAGC
chrIV	6135700	6135850	0.0125	GCTCCGNGAGC
chrIV	7001760	7001910	0.0163	GCTCCGNGAGC
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chrIV	7522900	7523050	0.0163	GCTCCGNGAGC
chrIV	7851140	7851290	0.0125	GCTCCGNGAGC
chrIV	7979720	7979870	0.0163	GCTCCGNGAGC
chrIV	8080800	8080950	0.0163	GCTCCGNGAGC
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chrIV	935800	935950	0.0125	GCTCCGNGAGC
chrV	1045720	1045870	0.0125	GCTCCGNGAGC
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chrV	10716920	10717070	0.0423	GCTCCGNGAGC
chrV	11445420	11445570	0.02	GCTCCGNGAGC

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chrV	12923700	12923850	0.0423	GCTCCGNGAGC
chrV	13052880	13053030	0.0125	GCTCCGNGAGC
chrV	16368880	16369030	0.0125	GCTCCGNGAGC
chrV	17952010	17952110	0.0125	GCTCCGNGAGC
chrV	18490520	18490670	0.0125	GCTCCGNGAGC
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chrV	19473960	19474110	0.0163	GCTCCGNGAGC
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chrV	20216580	20216730	0.0125	GCTCCGNGAGC
chrV	20417900	20418050	0.0125	GCTCCGNGAGC
chrV	20789360	20789471	0.02	GCTCCGNGAGC
chrV	4467300	4467450	0.0163	GCTCCGNGAGC
chrV	5678260	5678410	0.0362	GCTCCGNGAGC
chrV	6337560	6337710	0.0125	GCTCCGNGAGC
chrV	6548360	6548510	0.0423	GCTCCGNGAGC
chrV	7747040	7747190	0.02	GCTCCGNGAGC
chrV	77780	77930	0.0125	GCTCCGNGAGC
chrV	7865740	7865890	0.0163	GCTCCGNGAGC
chrV	7873160	7873310	0.0232	GCTCCGNGAGC
chrV	7884620	7884770	0.02	GCTCCGNGAGC
chrX	11476980	11477130	0.02	GCTCCGNGAGC
chrX	12436560	12436710	0.0282	GCTCCGNGAGC
chrX	1332280	1332430	0.0125	GCTCCGNGAGC
chrX	15577180	15577330	0.0163	GCTCCGNGAGC
chrX	4637140	4637290	0.0163	GCTCCGNGAGC
chrX	7646100	7646250	0.0125	GCTCCGNGAGC
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chrI	10804216	10804330	0.0178	GDGGAGTACAC
chrI	10805444	10805550	0.0217	GDGGAGTACAC
chrI	10930280	10930430	0.0178	GDGGAGTACAC
chrI	10934820	10934901	0.0387	GDGGAGTACAC
chrI	11862360	11862510	0.0178	GDGGAGTACAC
chrI	11914480	11914630	0.0178	GDGGAGTACAC
chrI	12003420	12003570	0.0178	GDGGAGTACAC
chrI	12003940	12004045	0.0178	GDGGAGTACAC
chrI	12048800	12048950	0.0178	GDGGAGTACAC
chrI	12049300	12049450	0.0178	GDGGAGTACAC
chrI	12212780	12212930	0.0217	GDGGAGTACAC
chrI	12774400	12774550	0.0217	GDGGAGTACAC
chrI	13296008	13296090	0.0305	GDGGAGTACAC
chrI	13346220	13346370	0.0178	GDGGAGTACAC
chrI	14518260	14518335	0.0178	GDGGAGTACAC
chrI	14554680	14554830	0.0305	GDGGAGTACAC
chrI	14594060	14594210	0.0178	GDGGAGTACAC
chrI	14594500	14594650	0.0178	GDGGAGTACAC
chrI	14842785	14842830	0.0178	GDGGAGTACAC

chrI	2017900	2018050	0.0178	GDGGAGTACAC
chrI	2018280	2018430	0.0178	GDGGAGTACAC
chrI	3066180	3066330	0.0217	GDGGAGTACAC
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chrI	4197900	4198050	0.0305	GDGGAGTACAC
chrI	4530440	4530590	0.0217	GDGGAGTACAC
chrI	4626340	4626465	0.0305	GDGGAGTACAC
chrI	4995040	4995190	0.0178	GDGGAGTACAC
chrI	5261720	5261870	0.0178	GDGGAGTACAC
chrI	5504080	5504230	0.0178	GDGGAGTACAC
chrI	7318900	7319050	0.0178	GDGGAGTACAC
chrI	7318900	7319050	0.0217	GDGGAGTACAC
chrI	7766020	7766170	0.0178	GDGGAGTACAC
chrI	8567980	8568130	0.0481	GDGGAGTACAC
chrI	8962000	8962150	0.0178	GDGGAGTACAC
chrI	9742060	9742210	0.0178	GDGGAGTACAC
chrII	11273660	11273810	0.0481	GDGGAGTACAC
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chrII	13449760	13449910	0.0178	GDGGAGTACAC
chrII	14069560	14069710	0.0217	GDGGAGTACAC
chrII	3931660	3931810	0.0178	GDGGAGTACAC
chrII	3969740	3969890	0.0217	GDGGAGTACAC
chrII	4231640	4231770	0.0217	GDGGAGTACAC
chrII	4241640	4241790	0.0217	GDGGAGTACAC
chrII	4326989	4327090	0.0178	GDGGAGTACAC
chrII	4327560	4327710	0.0305	GDGGAGTACAC
chrII	4419540	4419690	0.0217	GDGGAGTACAC
chrII	4597340	4597490	0.0217	GDGGAGTACAC
chrII	6097597	6097670	0.0178	GDGGAGTACAC
chrIII	10064200	10064350	0.0305	GDGGAGTACAC
chrIII	11124940	11125090	0.0178	GDGGAGTACAC
chrIII	11134060	11134210	0.0178	GDGGAGTACAC
chrIII	11190800	11190950	0.0178	GDGGAGTACAC
chrIII	11678580	11678730	0.0481	GDGGAGTACAC
chrIII	2524830	2524970	0.0217	GDGGAGTACAC
chrIII	2525320	2525411	0.0217	GDGGAGTACAC
chrIII	2720060	2720210	0.0217	GDGGAGTACAC
chrIII	2726895	2727010	0.0217	GDGGAGTACAC
chrIII	2787580	2787730	0.0178	GDGGAGTACAC
chrIII	2796820	2796970	0.0217	GDGGAGTACAC
chrIII	3421520	3421670	0.0217	GDGGAGTACAC
chrIII	3461780	3461890	0.0178	GDGGAGTACAC
chrIII	3461980	3462130	0.0217	GDGGAGTACAC
chrIII	3462720	3462870	0.0178	GDGGAGTACAC
chrIII	3626060	3626210	0.0217	GDGGAGTACAC
chrIII	3630440	3630590	0.0178	GDGGAGTACAC

chrIII	3649036	3649150	0.0178	GDGGAGTACAC
chrIII	3707676	3707770	0.0178	GDGGAGTACAC
chrIII	3709366	3709490	0.0178	GDGGAGTACAC
chrIII	3713160	3713232	0.0178	GDGGAGTACAC
chrIII	4162760	4162855	0.0217	GDGGAGTACAC
chrIII	4480500	4480650	0.0217	GDGGAGTACAC
chrIII	7892700	7892850	0.0178	GDGGAGTACAC
chrIV	1030840	1030990	0.0178	GDGGAGTACAC
chrIV	1031280	1031430	0.0178	GDGGAGTACAC
chrIV	12298440	12298590	0.0217	GDGGAGTACAC
chrIV	12565060	12565147	0.0178	GDGGAGTACAC
chrIV	12700660	12700810	0.0305	GDGGAGTACAC
chrIV	12854820	12854970	0.0178	GDGGAGTACAC
chrIV	13208990	13209090	0.0178	GDGGAGTACAC
chrIV	13372900	13373050	0.0178	GDGGAGTACAC
chrIV	13393060	13393210	0.0178	GDGGAGTACAC
chrIV	1347180	1347316	0.0178	GDGGAGTACAC
chrIV	14080540	14080690	0.0178	GDGGAGTACAC
chrIV	1595900	1596050	0.0178	GDGGAGTACAC
chrIV	16504237	16504370	0.0178	GDGGAGTACAC
chrIV	1843300	1843450	0.0178	GDGGAGTACAC
chrIV	1974140	1974290	0.0217	GDGGAGTACAC
chrIV	2366260	2366410	0.0178	GDGGAGTACAC
chrIV	245420	245570	0.0178	GDGGAGTACAC
chrIV	2888160	2888310	0.0217	GDGGAGTACAC
chrIV	2923360	2923510	0.0217	GDGGAGTACAC
chrIV	2923760	2923910	0.0217	GDGGAGTACAC
chrIV	3007100	3007250	0.0217	GDGGAGTACAC
chrIV	3217960	3218110	0.0217	GDGGAGTACAC
chrIV	3387000	3387150	0.0217	GDGGAGTACAC
chrIV	3807420	3807570	0.0178	GDGGAGTACAC
chrIV	4539340	4539490	0.0217	GDGGAGTACAC
chrIV	4551237	4551330	0.0217	GDGGAGTACAC
chrIV	4551660	4551810	0.0178	GDGGAGTACAC
chrIV	9147060	9147210	0.0178	GDGGAGTACAC
chrV	10003460	10003610	0.0178	GDGGAGTACAC
chrV	14197760	14197910	0.0217	GDGGAGTACAC
chrV	14460200	14460350	0.0178	GDGGAGTACAC
chrV	14798480	14798630	0.0178	GDGGAGTACAC
chrV	15062520	15062670	0.0178	GDGGAGTACAC
chrV	15072280	15072430	0.0305	GDGGAGTACAC
chrV	15765140	15765264	0.0178	GDGGAGTACAC
chrV	16360820	16360970	0.0178	GDGGAGTACAC
chrV	16372200	16372350	0.0178	GDGGAGTACAC
chrV	16542260	16542400	0.0178	GDGGAGTACAC
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chrV	18168700	18168850	0.0305	GDGGAGTACAC
chrV	20739280	20739430	0.0178	GDGGAGTACAC
chrV	2089420	2089570	0.0178	GDGGAGTACAC
chrV	491980	492125	0.0217	GDGGAGTACAC
chrV	7996000	7996150	0.0178	GDGGAGTACAC
chrV	8576020	8576084	0.0305	GDGGAGTACAC
chrX	11248120	11248270	0.0387	GDGGAGTACAC
chrX	13339900	13340050	0.0178	GDGGAGTACAC
chrX	13340320	13340470	0.0178	GDGGAGTACAC
chrI	117620	117770	0.0395	GGAGTGTCGTW
chrI	13224160	13224310	0.0395	GGAGTGTCGTW
chrI	3015360	3015510	0.0395	GGAGTGTCGTW
chrI	40680	40830	0.0395	GGAGTGTCGTW
chrI	7314420	7314570	0.0395	GGAGTGTCGTW
chrI	7721820	7721970	0.0395	GGAGTGTCGTW
chrII	11097400	11097550	0.0395	GGAGTGTCGTW
chrII	11840500	11840650	0.0395	GGAGTGTCGTW
chrIII	2375980	2376130	0.0395	GGAGTGTCGTW
chrIII	7715220	7715370	0.0395	GGAGTGTCGTW
chrIII	910980	911130	0.0395	GGAGTGTCGTW
chrIII	9409760	9409910	0.0395	GGAGTGTCGTW
chrIV	10116440	10116590	0.0395	GGAGTGTCGTW
chrIV	1060420	1060570	0.0395	GGAGTGTCGTW
chrIV	13777580	13777730	0.0395	GGAGTGTCGTW
chrIV	14464180	14464330	0.0395	GGAGTGTCGTW
chrIV	15133100	15133250	0.0395	GGAGTGTCGTW
chrIV	4177729	4177830	0.0395	GGAGTGTCGTW
chrV	12374300	12374450	0.0395	GGAGTGTCGTW
chrV	12952360	12952510	0.0395	GGAGTGTCGTW
chrV	19094660	19094810	0.0395	GGAGTGTCGTW
chrV	3570740	3570890	0.0395	GGAGTGTCGTW
chrV	4371660	4371807	0.0395	GGAGTGTCGTW
chrV	8487740	8487890	0.0395	GGAGTGTCGTW
chrX	11520	11670	0.0395	GGAGTGTCGTW
chrX	130700	130850	0.0395	GGAGTGTCGTW
chrX	13396600	13396750	0.0395	GGAGTGTCGTW
chrX	15749260	15749410	0.0395	GGAGTGTCGTW
chrX	4469400	4469550	0.0395	GGAGTGTCGTW
chrX	8331500	8331650	0.0395	GGAGTGTCGTW
chrX	8410820	8410970	0.0395	GGAGTGTCGTW
chrX	9202420	9202570	0.0395	GGAGTGTCGTW
chrX	954780	954930	0.0395	GGAGTGTCGTW
chrI	11505040	11505190	0.0357	GGANTCGAACC
chrI	11508160	11508310	0.0412	GGANTCGAACC
chrII	12666060	12666210	0.0412	GGANTCGAACC
chrII	1335680	1335830	0.0357	GGANTCGAACC
chrII	755140	755290	0.0412	GGANTCGAACC

chrIII	1007280	1007430	0.0412	GGANTCGAACC
chrIII	10959100	10959250	0.0357	GGANTCGAACC
chrIII	10959620	10959770	0.0412	GGANTCGAACC
chrIII	11472860	11473010	0.0357	GGANTCGAACC
chrIII	11474280	11474430	0.0357	GGANTCGAACC
chrIII	1575360	1575510	0.0357	GGANTCGAACC
chrIII	1575780	1575930	0.0357	GGANTCGAACC
chrIII	1577020	1577170	0.0357	GGANTCGAACC
chrIII	1743180	1743330	0.0412	GGANTCGAACC
chrIII	2030820	2030970	0.0412	GGANTCGAACC
chrIII	265260	265410	0.0357	GGANTCGAACC
chrIII	277060	277210	0.0357	GGANTCGAACC
chrIII	2887780	2887930	0.0412	GGANTCGAACC
chrIII	3103400	3103550	0.0357	GGANTCGAACC
chrIII	3106880	3107030	0.0357	GGANTCGAACC
chrIII	3110780	3110930	0.0357	GGANTCGAACC
chrIII	3192620	3192770	0.0412	GGANTCGAACC
chrIV	1146340	1146490	0.0357	GGANTCGAACC
chrIV	1385580	1385730	0.0357	GGANTCGAACC
chrIV	1391560	1391710	0.0357	GGANTCGAACC
chrIV	1470500	1470650	0.0357	GGANTCGAACC
chrIV	1487160	1487310	0.0357	GGANTCGAACC
chrIV	17150520	17150670	0.0412	GGANTCGAACC
chrIV	2603520	2603670	0.0357	GGANTCGAACC
chrV	16622900	16623042	0.0357	GGANTCGAACC
chrV	16941920	16942070	0.0412	GGANTCGAACC
chrV	16945100	16945250	0.0412	GGANTCGAACC
chrV	17663380	17663530	0.0412	GGANTCGAACC
chrV	18367340	18367490	0.0357	GGANTCGAACC
chrV	18370840	18370990	0.0357	GGANTCGAACC
chrV	18371180	18371330	0.0357	GGANTCGAACC
chrV	18461780	18461930	0.0357	GGANTCGAACC
chrV	18712080	18712230	0.0357	GGANTCGAACC
chrV	18806980	18807130	0.0357	GGANTCGAACC
chrV	18849240	18849390	0.0357	GGANTCGAACC
chrV	18906220	18906370	0.0412	GGANTCGAACC
chrV	19396940	19397090	0.0412	GGANTCGAACC
chrV	19431220	19431370	0.0357	GGANTCGAACC
chrV	19599480	19599630	0.0412	GGANTCGAACC
chrV	20120880	20121030	0.0412	GGANTCGAACC
chrV	20123100	20123250	0.0357	GGANTCGAACC
chrV	20126700	20126850	0.0412	GGANTCGAACC
chrV	5756760	5756910	0.0412	GGANTCGAACC
chrV	9933220	9933370	0.0412	GGANTCGAACC
chrX	14115540	14115690	0.0357	GGANTCGAACC
chrX	3008340	3008490	0.0412	GGANTCGAACC
chrX	8842520	8842670	0.0412	GGANTCGAACC

chrI	484309	484450	0.0429	GGASCTTTGCC
chrI	6198020	6198170	0.0429	GGASCTTTGCC
chrII	10005220	10005370	0.0429	GGASCTTTGCC
chrII	11331700	11331850	0.0429	GGASCTTTGCC
chrII	11332020	11332170	0.0429	GGASCTTTGCC
chrII	3138700	3138850	0.0429	GGASCTTTGCC
chrII	3558560	3558710	0.0429	GGASCTTTGCC
chrII	3650640	3650790	0.0429	GGASCTTTGCC
chrII	8262520	8262670	0.0429	GGASCTTTGCC
chrII	8837120	8837270	0.0429	GGASCTTTGCC
chrII	9136740	9136890	0.0429	GGASCTTTGCC
chrII	9150860	9151010	0.0429	GGASCTTTGCC
chrII	9151300	9151450	0.0429	GGASCTTTGCC
chrII	9348880	9349030	0.0429	GGASCTTTGCC
chrII	9629660	9629810	0.0429	GGASCTTTGCC
chrIII	7821720	7821870	0.0429	GGASCTTTGCC
chrIII	8712160	8712310	0.0429	GGASCTTTGCC
chrIV	12037800	12037950	0.0429	GGASCTTTGCC
chrIV	12038160	12038310	0.0429	GGASCTTTGCC
chrIV	15638640	15638790	0.0429	GGASCTTTGCC
chrIV	15639860	15640010	0.0429	GGASCTTTGCC
chrIV	6286280	6286430	0.0429	GGASCTTTGCC
chrIV	6286720	6286870	0.0429	GGASCTTTGCC
chrIV	9896880	9897030	0.0429	GGASCTTTGCC
chrV	15409380	15409530	0.0429	GGASCTTTGCC
chrI	2084920	2085070	0.0314	GGCGCTGCTWA
chrI	2962040	2962190	0.029	GGCGCTGCTWA
chrII	14666693	14666759	0.029	GGCGCTGCTWA
chrII	249824	249871	0.029	GGCGCTGCTWA
chrII	991520	991649	0.0166	GGCGCTGCTWA
chrIII	4108760	4108910	0.0166	GGCGCTGCTWA
chrIV	13080060	13080210	0.029	GGCGCTGCTWA
chrIV	14846020	14846170	0.0314	GGCGCTGCTWA
chrIV	16204937	16205050	0.0166	GGCGCTGCTWA
chrIV	3603060	3603210	0.0166	GGCGCTGCTWA
chrIV	9832420	9832570	0.029	GGCGCTGCTWA
chrV	16230600	16230750	0.0231	GGCGCTGCTWA
chrV	16776860	16777010	0.00866	GGCGCTGCTWA
chrV	18877880	18878030	0.00366	GGCGCTGCTWA
chrV	18877880	18878030	0.00618	GGCGCTGCTWA
chrV	18877880	18878030	0.0109	GGCGCTGCTWA
chrV	18878380	18878530	0.0109	GGCGCTGCTWA
chrV	18878740	18878890	0.00618	GGCGCTGCTWA
chrV	18878740	18878890	0.0109	GGCGCTGCTWA
chrV	18883140	18883290	0.00366	GGCGCTGCTWA
chrV	18883740	18883890	0.00366	GGCGCTGCTWA
chrV	18883740	18883890	0.00618	GGCGCTGCTWA

chrV	18887140	18887290	0.00366	GGCGCTGCTWA
chrV	18887140	18887290	0.00618	GGCGCTGCTWA
chrV	18887560	18887710	0.00618	GGCGCTGCTWA
chrV	18887560	18887710	0.0231	GGCGCTGCTWA
chrV	18889160	18889310	0.00618	GGCGCTGCTWA
chrV	18893060	18893210	0.00366	GGCGCTGCTWA
chrV	18893060	18893210	0.00618	GGCGCTGCTWA
chrV	18894080	18894230	0.00366	GGCGCTGCTWA
chrV	18894080	18894230	0.00618	GGCGCTGCTWA
chrV	18894080	18894230	0.0231	GGCGCTGCTWA
chrV	18895748	18895870	0.00366	GGCGCTGCTWA
chrV	18895748	18895870	0.00618	GGCGCTGCTWA
chrV	18958920	18959070	0.00366	GGCGCTGCTWA
chrV	18959200	18959350	0.00366	GGCGCTGCTWA
chrV	18964440	18964550	0.00366	GGCGCTGCTWA
chrV	18964440	18964550	0.0314	GGCGCTGCTWA
chrV	18966862	18966990	0.00366	GGCGCTGCTWA
chrV	18966862	18966990	0.029	GGCGCTGCTWA
chrV	18968360	18968510	0.00366	GGCGCTGCTWA
chrV	18970160	18970310	0.00366	GGCGCTGCTWA
chrV	18980020	18980170	0.00366	GGCGCTGCTWA
chrV	18980020	18980170	0.00618	GGCGCTGCTWA
chrV	18982440	18982590	0.00366	GGCGCTGCTWA
chrV	18982440	18982590	0.00618	GGCGCTGCTWA
chrV	18982920	18983070	0.00366	GGCGCTGCTWA
chrV	18983500	18983650	0.00366	GGCGCTGCTWA
chrV	18987060	18987210	0.00366	GGCGCTGCTWA
chrV	18987060	18987210	0.0314	GGCGCTGCTWA
chrV	18989740	18989890	0.00366	GGCGCTGCTWA
chrV	18991820	18991970	0.00366	GGCGCTGCTWA
chrV	18992080	18992230	0.00366	GGCGCTGCTWA
chrV	18992080	18992230	0.00618	GGCGCTGCTWA
chrV	18992520	18992670	0.00366	GGCGCTGCTWA
chrV	18992520	18992670	0.0109	GGCGCTGCTWA
chrV	18996840	18996990	0.00618	GGCGCTGCTWA
chrV	18997560	18997710	0.00366	GGCGCTGCTWA
chrV	18997560	18997710	0.00618	GGCGCTGCTWA
chrV	18999100	18999250	0.00366	GGCGCTGCTWA
chrV	18999940	19000090	0.00366	GGCGCTGCTWA
chrV	18999940	19000090	0.00618	GGCGCTGCTWA
chrV	19003700	19003850	0.00618	GGCGCTGCTWA
chrV	19111300	19111450	0.00366	GGCGCTGCTWA
chrV	19118040	19118190	0.00366	GGCGCTGCTWA
chrV	19119739	19119850	0.00366	GGCGCTGCTWA
chrV	19119739	19119850	0.029	GGCGCTGCTWA
chrV	19119940	19120090	0.00366	GGCGCTGCTWA
chrV	19119940	19120090	0.00618	GGCGCTGCTWA

chrV	19119940	19120090	0.029	GGCGCTGCTWA
chrV	19120380	19120530	0.00366	GGCGCTGCTWA
chrV	19120380	19120530	0.029	GGCGCTGCTWA
chrV	19122480	19122630	0.00366	GGCGCTGCTWA
chrV	19123000	19123150	0.00366	GGCGCTGCTWA
chrV	19123000	19123150	0.00618	GGCGCTGCTWA
chrV	19123560	19123710	0.00366	GGCGCTGCTWA
chrV	19123560	19123710	0.00618	GGCGCTGCTWA
chrV	19124380	19124530	0.00366	GGCGCTGCTWA
chrV	19191240	19191390	0.00366	GGCGCTGCTWA
chrV	19191240	19191390	0.00618	GGCGCTGCTWA
chrV	19194080	19194230	0.00366	GGCGCTGCTWA
chrV	19194620	19194770	0.00366	GGCGCTGCTWA
chrV	19199560	19199710	0.00366	GGCGCTGCTWA
chrV	19199800	19199950	0.00366	GGCGCTGCTWA
chrV	19200240	19200390	0.00366	GGCGCTGCTWA
chrV	19200240	19200390	0.00618	GGCGCTGCTWA
chrV	19200760	19200910	0.00366	GGCGCTGCTWA
chrV	19200760	19200910	0.0314	GGCGCTGCTWA
chrV	19910220	19910370	0.00366	GGCGCTGCTWA
chrV	19910220	19910370	0.00618	GGCGCTGCTWA
chrV	19914340	19914490	0.00366	GGCGCTGCTWA
chrV	19933380	19933530	0.00366	GGCGCTGCTWA
chrV	19933380	19933530	0.00618	GGCGCTGCTWA
chrV	19933940	19934090	0.00618	GGCGCTGCTWA
chrV	19933940	19934090	0.0231	GGCGCTGCTWA
chrV	19945463	19945590	0.00366	GGCGCTGCTWA
chrV	19945463	19945590	0.00618	GGCGCTGCTWA
chrV	19945800	19945950	0.00366	GGCGCTGCTWA
chrV	19947320	19947470	0.00366	GGCGCTGCTWA
chrV	19947320	19947470	0.0231	GGCGCTGCTWA
chrV	19948060	19948210	0.00366	GGCGCTGCTWA
chrV	19948060	19948210	0.0231	GGCGCTGCTWA
chrV	19952820	19952970	0.00366	GGCGCTGCTWA
chrV	19952820	19952970	0.00618	GGCGCTGCTWA
chrV	20086180	20086330	0.00366	GGCGCTGCTWA
chrV	20086640	20086790	0.00366	GGCGCTGCTWA
chrV	20086860	20087010	0.00366	GGCGCTGCTWA
chrV	20089740	20089890	0.00366	GGCGCTGCTWA
chrV	20089740	20089890	0.00618	GGCGCTGCTWA
chrV	20091860	20092010	0.00366	GGCGCTGCTWA
chrV	20091860	20092010	0.00866	GGCGCTGCTWA
chrV	20099340	20099490	0.00366	GGCGCTGCTWA
chrV	20099340	20099490	0.0231	GGCGCTGCTWA
chrV	20099340	20099490	0.029	GGCGCTGCTWA
chrV	20099720	20099870	0.00366	GGCGCTGCTWA
chrV	20101760	20101910	0.00366	GGCGCTGCTWA

chrV	20101760	20101910	0.00618	GGCGCTGCTWA
chrV	20102280	20102430	0.00366	GGCGCTGCTWA
chrV	20102280	20102430	0.00618	GGCGCTGCTWA
chrV	20102840	20102990	0.00366	GGCGCTGCTWA
chrV	20102840	20102990	0.00618	GGCGCTGCTWA
chrV	20103480	20103630	0.00366	GGCGCTGCTWA
chrV	20240040	20240190	0.00366	GGCGCTGCTWA
chrV	20240040	20240190	0.00618	GGCGCTGCTWA
chrV	20240580	20240730	0.00366	GGCGCTGCTWA
chrV	20240580	20240730	0.00618	GGCGCTGCTWA
chrV	20248080	20248230	0.00366	GGCGCTGCTWA
chrV	20248080	20248230	0.0231	GGCGCTGCTWA
chrV	20248520	20248670	0.00366	GGCGCTGCTWA
chrV	20250340	20250490	0.00366	GGCGCTGCTWA
chrV	20250340	20250490	0.0231	GGCGCTGCTWA
chrV	20262940	20263090	0.00366	GGCGCTGCTWA
chrV	20263960	20264110	0.00366	GGCGCTGCTWA
chrV	20265140	20265290	0.00366	GGCGCTGCTWA
chrV	20265140	20265290	0.0231	GGCGCTGCTWA
chrV	20265620	20265770	0.00366	GGCGCTGCTWA
chrV	20265620	20265770	0.00618	GGCGCTGCTWA
chrV	20265620	20265770	0.029	GGCGCTGCTWA
chrV	20268260	20268410	0.00366	GGCGCTGCTWA
chrV	20270540	20270690	0.00366	GGCGCTGCTWA
chrV	20271080	20271230	0.00366	GGCGCTGCTWA
chrV	20271460	20271610	0.00366	GGCGCTGCTWA
chrV	20272980	20273130	0.00366	GGCGCTGCTWA
chrV	20273640	20273790	0.00366	GGCGCTGCTWA
chrV	20274000	20274150	0.00366	GGCGCTGCTWA
chrV	20274700	20274850	0.00366	GGCGCTGCTWA
chrV	20275220	20275333	0.0231	GGCGCTGCTWA
chrV	92460	92610	0.0166	GGCGCTGCTWA
chrX	15275220	15275370	0.029	GGCGCTGCTWA
chrX	161000	161150	0.00366	GGCGCTGCTWA
chrX	162320	162470	0.00366	GGCGCTGCTWA
chrX	162320	162470	0.00618	GGCGCTGCTWA
chrX	164360	164510	0.00366	GGCGCTGCTWA
chrX	164360	164510	0.0166	GGCGCTGCTWA
chrX	164660	164810	0.00366	GGCGCTGCTWA
chrX	164660	164810	0.0166	GGCGCTGCTWA
chrX	164980	165130	0.00366	GGCGCTGCTWA
chrX	165380	165530	0.00366	GGCGCTGCTWA
chrX	184400	184550	0.00366	GGCGCTGCTWA
chrX	188500	188650	0.00366	GGCGCTGCTWA
chrX	188860	189010	0.00366	GGCGCTGCTWA
chrX	189140	189290	0.00366	GGCGCTGCTWA
chrX	189420	189570	0.00366	GGCGCTGCTWA

chrX	189900	190050	0.00366	GGCGCTGCTWA
chrX	4669000	4669150	0.00366	GGCGCTGCTWA
chrX	4669360	4669510	0.00366	GGCGCTGCTWA
chrI	11127580	11127730	0.0174	GGGNTCGAACC
chrI	11499220	11499370	0.0196	GGGNTCGAACC
chrI	11500800	11500950	0.0174	GGGNTCGAACC
chrI	11530220	11530284	0.0174	GGGNTCGAACC
chrI	11555320	11555470	0.0131	GGGNTCGAACC
chrI	2690160	2690310	0.0239	GGGNTCGAACC
chrI	852060	852210	0.0196	GGGNTCGAACC
chrII	1088420	1088570	0.0131	GGGNTCGAACC
chrII	11959333	11959410	0.0239	GGGNTCGAACC
chrII	11960741	11960890	0.0131	GGGNTCGAACC
chrII	12346680	12346830	0.0131	GGGNTCGAACC
chrII	12346680	12346830	0.0174	GGGNTCGAACC
chrII	1362540	1362690	0.0131	GGGNTCGAACC
chrII	1474440	1474590	0.0131	GGGNTCGAACC
chrII	1475060	1475210	0.0174	GGGNTCGAACC
chrII	1476020	1476170	0.0131	GGGNTCGAACC
chrII	1478060	1478210	0.0131	GGGNTCGAACC
chrII	1478680	1478830	0.0131	GGGNTCGAACC
chrII	1481040	1481190	0.0239	GGGNTCGAACC
chrII	163520	163670	0.0131	GGGNTCGAACC
chrII	2206820	2206970	0.0131	GGGNTCGAACC
chrII	2445260	2445312	0.0131	GGGNTCGAACC
chrII	2719340	2719490	0.0131	GGGNTCGAACC
chrII	2720980	2721130	0.0131	GGGNTCGAACC
chrII	2722140	2722290	0.0131	GGGNTCGAACC
chrII	5577180	5577330	0.0196	GGGNTCGAACC
chrII	754300	754450	0.0239	GGGNTCGAACC
chrIII	1032540	1032690	0.0131	GGGNTCGAACC
chrIII	1040620	1040770	0.0239	GGGNTCGAACC
chrIII	1042820	1042970	0.0239	GGGNTCGAACC
chrIII	10957840	10957990	0.0196	GGGNTCGAACC
chrIII	10960460	10960610	0.0174	GGGNTCGAACC
chrIII	1601440	1601590	0.0196	GGGNTCGAACC
chrIII	1664840	1664990	0.0174	GGGNTCGAACC
chrIII	1744560	1744710	0.0174	GGGNTCGAACC
chrIII	2123000	2123150	0.0239	GGGNTCGAACC
chrIII	2124500	2124650	0.0239	GGGNTCGAACC
chrIII	2125520	2125670	0.0239	GGGNTCGAACC
chrIII	2130520	2130670	0.0131	GGGNTCGAACC
chrIII	2131100	2131250	0.0131	GGGNTCGAACC
chrIII	2304180	2304330	0.0239	GGGNTCGAACC
chrIII	265260	265410	0.0196	GGGNTCGAACC
chrIII	277060	277210	0.0196	GGGNTCGAACC
chrIII	279480	279630	0.0196	GGGNTCGAACC

chrIII	2888420	2888570	0.0174 GGGNTCGAACC
chrIII	2889800	2889950	0.0131 GGGNTCGAACC
chrIII	3107620	3107722	0.0174 GGGNTCGAACC
chrIII	3112140	3112290	0.0174 GGGNTCGAACC
chrIII	3186960	3187088	0.0174 GGGNTCGAACC
chrIII	3368060	3368210	0.0131 GGGNTCGAACC
chrIII	5637340	5637490	0.0131 GGGNTCGAACC
chrIV	109860	110002	0.0196 GGGNTCGAACC
chrIV	1355305	1355450	0.0131 GGGNTCGAACC
chrIV	1365840	1365990	0.0174 GGGNTCGAACC
chrIV	1383380	1383530	0.0196 GGGNTCGAACC
chrIV	1389400	1389550	0.0131 GGGNTCGAACC
chrIV	1464620	1464770	0.0239 GGGNTCGAACC
chrIV	1475480	1475630	0.0174 GGGNTCGAACC
chrIV	1478500	1478650	0.0196 GGGNTCGAACC
chrIV	1479380	1479530	0.0196 GGGNTCGAACC
chrIV	14838200	14838350	0.0196 GGGNTCGAACC
chrIV	1484100	1484250	0.0174 GGGNTCGAACC
chrIV	1490200	1490350	0.0131 GGGNTCGAACC
chrIV	15183200	15183350	0.0174 GGGNTCGAACC
chrIV	2602960	2603110	0.0196 GGGNTCGAACC
chrIV	2960380	2960530	0.0421 GGGNTCGAACC
chrIV	6481116	6481230	0.0196 GGGNTCGAACC
chrV	1076920	1077070	0.0174 GGGNTCGAACC
chrV	12303599	12303670	0.0131 GGGNTCGAACC
chrV	15515486	15515590	0.0196 GGGNTCGAACC
chrV	15525020	15525170	0.0239 GGGNTCGAACC
chrV	16370122	16370230	0.0421 GGGNTCGAACC
chrV	17659980	17660130	0.0131 GGGNTCGAACC
chrV	17660800	17660950	0.0131 GGGNTCGAACC
chrV	17662920	17663070	0.0239 GGGNTCGAACC
chrV	17668040	17668190	0.0131 GGGNTCGAACC
chrV	17684660	17684768	0.0131 GGGNTCGAACC
chrV	17686580	17686730	0.0131 GGGNTCGAACC
chrV	17690400	17690550	0.0131 GGGNTCGAACC
chrV	17716140	17716290	0.0174 GGGNTCGAACC
chrV	17906280	17906430	0.0131 GGGNTCGAACC
chrV	17930740	17930890	0.0131 GGGNTCGAACC
chrV	17931940	17932090	0.0131 GGGNTCGAACC
chrV	17933340	17933490	0.0196 GGGNTCGAACC
chrV	17947340	17947490	0.0131 GGGNTCGAACC
chrV	17948100	17948250	0.0131 GGGNTCGAACC
chrV	18370100	18370250	0.0174 GGGNTCGAACC
chrV	18460760	18460910	0.0131 GGGNTCGAACC
chrV	18622620	18622770	0.0131 GGGNTCGAACC
chrV	18625319	18625410	0.0131 GGGNTCGAACC
chrV	18804700	18804850	0.0174 GGGNTCGAACC

chrV	18809040	18809190	0.0174	GGGNTCGAACC
chrV	18810700	18810850	0.0131	GGGNTCGAACC
chrV	18848669	18848810	0.0131	GGGNTCGAACC
chrV	18900700	18900850	0.0174	GGGNTCGAACC
chrV	18912580	18912730	0.0131	GGGNTCGAACC
chrV	18913240	18913390	0.0196	GGGNTCGAACC
chrV	18914060	18914210	0.0131	GGGNTCGAACC
chrV	19177960	19178110	0.0131	GGGNTCGAACC
chrV	19521360	19521510	0.0131	GGGNTCGAACC
chrV	19559600	19559750	0.0239	GGGNTCGAACC
chrV	19560100	19560250	0.0196	GGGNTCGAACC
chrV	19578420	19578570	0.0196	GGGNTCGAACC
chrV	19581900	19582050	0.0196	GGGNTCGAACC
chrV	19585880	19586030	0.0131	GGGNTCGAACC
chrV	19586180	19586330	0.0131	GGGNTCGAACC
chrV	19586940	19587090	0.0131	GGGNTCGAACC
chrV	19592560	19592710	0.0131	GGGNTCGAACC
chrV	19595740	19595890	0.0239	GGGNTCGAACC
chrV	19598220	19598370	0.0131	GGGNTCGAACC
chrV	19598520	19598670	0.0131	GGGNTCGAACC
chrV	19599180	19599330	0.0131	GGGNTCGAACC
chrV	19600340	19600490	0.0131	GGGNTCGAACC
chrV	19618425	19618470	0.0131	GGGNTCGAACC
chrV	19624020	19624170	0.0131	GGGNTCGAACC
chrV	19656220	19656370	0.0131	GGGNTCGAACC
chrV	19665440	19665590	0.0131	GGGNTCGAACC
chrV	19665880	19666030	0.0174	GGGNTCGAACC
chrV	19702380	19702530	0.0239	GGGNTCGAACC
chrV	19703863	19703950	0.0131	GGGNTCGAACC
chrV	19704700	19704850	0.0131	GGGNTCGAACC
chrV	19706700	19706850	0.0131	GGGNTCGAACC
chrV	20016540	20016690	0.0174	GGGNTCGAACC
chrV	20021080	20021230	0.0174	GGGNTCGAACC
chrV	20027333	20027390	0.0131	GGGNTCGAACC
chrV	20119860	20120010	0.0131	GGGNTCGAACC
chrV	20123680	20123830	0.0196	GGGNTCGAACC
chrV	20124460	20124610	0.0131	GGGNTCGAACC
chrV	20125240	20125390	0.0174	GGGNTCGAACC
chrV	20126120	20126270	0.0196	GGGNTCGAACC
chrV	20134900	20135050	0.0174	GGGNTCGAACC
chrV	20138760	20138910	0.0174	GGGNTCGAACC
chrV	20217220	20217370	0.0174	GGGNTCGAACC
chrV	20218220	20218370	0.0196	GGGNTCGAACC
chrV	20219540	20219690	0.0196	GGGNTCGAACC
chrV	20221340	20221490	0.0239	GGGNTCGAACC
chrV	20234540	20234690	0.0196	GGGNTCGAACC
chrV	20279420	20279570	0.0131	GGGNTCGAACC

chrV	20333560	20333710	0.0131	GGGNTCGAACC
chrV	20334560	20334710	0.0131	GGGNTCGAACC
chrX	12843540	12843690	0.0174	GGGNTCGAACC
chrX	13713560	13713710	0.0174	GGGNTCGAACC
chrX	13730200	13730350	0.0174	GGGNTCGAACC
chrX	13782100	13782250	0.0174	GGGNTCGAACC
chrX	15236080	15236230	0.0174	GGGNTCGAACC
chrX	16002820	16002970	0.0196	GGGNTCGAACC
chrX	16003420	16003570	0.0196	GGGNTCGAACC
chrX	16893780	16893930	0.0239	GGGNTCGAACC
chrX	8151520	8151670	0.0131	GGGNTCGAACC
chrX	86840	86990	0.0239	GGGNTCGAACC
chrI	12084480	12084630	0.0458	GTGCGTCCGGY
chrI	14632220	14632370	0.0367	GTGCGTCCGGY
chrI	4124000	4124150	0.0458	GTGCGTCCGGY
chrI	8761200	8761350	0.0367	GTGCGTCCGGY
chrII	3634800	3634950	0.0367	GTGCGTCCGGY
chrIII	10242471	10242610	0.0367	GTGCGTCCGGY
chrIII	10576180	10576330	0.0367	GTGCGTCCGGY
chrIII	11789540	11789690	0.0458	GTGCGTCCGGY
chrIII	3229640	3229790	0.0367	GTGCGTCCGGY
chrIII	3229640	3229790	0.0458	GTGCGTCCGGY
chrIV	14377340	14377490	0.0367	GTGCGTCCGGY
chrIV	14932780	14932930	0.0367	GTGCGTCCGGY
chrIV	15168548	15168670	0.0367	GTGCGTCCGGY
chrIV	15688360	15688510	0.0367	GTGCGTCCGGY
chrIV	15688600	15688750	0.0367	GTGCGTCCGGY
chrIV	15692740	15692890	0.0367	GTGCGTCCGGY
chrIV	15853780	15853930	0.0458	GTGCGTCCGGY
chrIV	15862820	15862970	0.0367	GTGCGTCCGGY
chrIV	16209440	16209590	0.0367	GTGCGTCCGGY
chrIV	16233244	16233370	0.0367	GTGCGTCCGGY
chrIV	16553140	16553290	0.0367	GTGCGTCCGGY
chrIV	16571380	16571530	0.0458	GTGCGTCCGGY
chrIV	17222300	17222450	0.0367	GTGCGTCCGGY
chrIV	5950060	5950210	0.0367	GTGCGTCCGGY
chrV	13992000	13992150	0.0367	GTGCGTCCGGY
chrV	16471760	16471910	0.0367	GTGCGTCCGGY
chrV	20705320	20705470	0.0367	GTGCGTCCGGY
chrV	6657840	6657990	0.0367	GTGCGTCCGGY
chrX	10280440	10280590	0.0367	GTGCGTCCGGY
chrX	11993100	11993250	0.0458	GTGCGTCCGGY
chrX	14410040	14410190	0.0367	GTGCGTCCGGY
chrX	176340	176490	0.0458	GTGCGTCCGGY
chrI	10666960	10667110	0.0251	GTGTTTGCGKA
chrI	11110880	11111030	0.0251	GTGTTTGCGKA
chrI	12206660	12206810	0.0251	GTGTTTGCGKA

chrI	12743300	12743450	0.0251	GTGTTTGCGKA
chrI	4186000	4186150	0.0251	GTGTTTGCGKA
chrI	5871940	5872090	0.0251	GTGTTTGCGKA
chrI	8702340	8702478	0.0274	GTGTTTGCGKA
chrII	11638540	11638690	0.0251	GTGTTTGCGKA
chrII	1179323	1179410	0.0251	GTGTTTGCGKA
chrII	1181460	1181610	0.0251	GTGTTTGCGKA
chrII	1189540	1189690	0.0251	GTGTTTGCGKA
chrII	1199800	1199950	0.0251	GTGTTTGCGKA
chrII	1245080	1245230	0.0251	GTGTTTGCGKA
chrII	1299720	1299870	0.0251	GTGTTTGCGKA
chrII	1300500	1300650	0.0251	GTGTTTGCGKA
chrII	1302220	1302370	0.0251	GTGTTTGCGKA
chrII	1360740	1360890	0.0251	GTGTTTGCGKA
chrII	1361060	1361210	0.0251	GTGTTTGCGKA
chrII	13888320	13888470	0.0274	GTGTTTGCGKA
chrII	13908660	13908810	0.0251	GTGTTTGCGKA
chrII	13965767	13965910	0.0251	GTGTTTGCGKA
chrII	156043	156190	0.0274	GTGTTTGCGKA
chrII	2200280	2200430	0.0251	GTGTTTGCGKA
chrII	4044460	4044610	0.0251	GTGTTTGCGKA
chrII	4323040	4323190	0.0274	GTGTTTGCGKA
chrII	5429820	5429970	0.0251	GTGTTTGCGKA
chrII	6416980	6417130	0.0496	GTGTTTGCGKA
chrII	7111780	7111930	0.0251	GTGTTTGCGKA
chrII	7132034	7132110	0.0274	GTGTTTGCGKA
chrII	727320	727470	0.0274	GTGTTTGCGKA
chrIII	11036160	11036310	0.0251	GTGTTTGCGKA
chrIII	11317055	11317170	0.0274	GTGTTTGCGKA
chrIII	1202240	1202390	0.0251	GTGTTTGCGKA
chrIII	1202240	1202390	0.0274	GTGTTTGCGKA
chrIII	12874740	12874890	0.0251	GTGTTTGCGKA
chrIII	1513940	1514090	0.0251	GTGTTTGCGKA
chrIII	1747820	1747970	0.0251	GTGTTTGCGKA
chrIII	1778620	1778770	0.0251	GTGTTTGCGKA
chrIII	1781820	1781970	0.0251	GTGTTTGCGKA
chrIII	1844020	1844170	0.0251	GTGTTTGCGKA
chrIII	1866440	1866590	0.0251	GTGTTTGCGKA
chrIII	1962160	1962310	0.0274	GTGTTTGCGKA
chrIII	2048780	2048930	0.0251	GTGTTTGCGKA
chrIII	2194880	2195030	0.0251	GTGTTTGCGKA
chrIII	2197160	2197310	0.0251	GTGTTTGCGKA
chrIII	235300	235450	0.0274	GTGTTTGCGKA
chrIII	2377160	2377310	0.0251	GTGTTTGCGKA
chrIII	2892860	2893010	0.0251	GTGTTTGCGKA
chrIII	2959040	2959190	0.0251	GTGTTTGCGKA
chrIII	3040800	3040950	0.0251	GTGTTTGCGKA

chrIII	3195280	3195430	0.0398	GTGTTTGCGKA
chrIII	4150974	4151030	0.0251	GTGTTTGCGKA
chrIII	5906140	5906290	0.0251	GTGTTTGCGKA
chrIII	6590360	6590510	0.0398	GTGTTTGCGKA
chrIII	8020960	8021110	0.0251	GTGTTTGCGKA
chrIII	8051560	8051710	0.0398	GTGTTTGCGKA
chrIII	89789	89910	0.0251	GTGTTTGCGKA
chrIV	1009717	1009770	0.0251	GTGTTTGCGKA
chrIV	11320020	11320170	0.0274	GTGTTTGCGKA
chrIV	1194860	1195010	0.0274	GTGTTTGCGKA
chrIV	12226000	12226150	0.0398	GTGTTTGCGKA
chrIV	13231420	13231570	0.0274	GTGTTTGCGKA
chrIV	14605200	14605350	0.0274	GTGTTTGCGKA
chrIV	14656720	14656870	0.0251	GTGTTTGCGKA
chrIV	15183200	15183350	0.0398	GTGTTTGCGKA
chrIV	15875800	15875920	0.0251	GTGTTTGCGKA
chrIV	2275701	2275830	0.0251	GTGTTTGCGKA
chrIV	240440	240552	0.0274	GTGTTTGCGKA
chrIV	3399180	3399330	0.0251	GTGTTTGCGKA
chrIV	4085960	4086110	0.0251	GTGTTTGCGKA
chrIV	4213280	4213430	0.0496	GTGTTTGCGKA
chrIV	4588480	4588630	0.0496	GTGTTTGCGKA
chrIV	572600	572723	0.0274	GTGTTTGCGKA
chrIV	5848080	5848230	0.0274	GTGTTTGCGKA
chrIV	7947000	7947150	0.0251	GTGTTTGCGKA
chrIV	9021440	9021590	0.0274	GTGTTTGCGKA
chrIV	9096233	9096330	0.0274	GTGTTTGCGKA
chrV	17900961	17901090	0.0251	GTGTTTGCGKA
chrV	18125400	18125550	0.0251	GTGTTTGCGKA
chrV	18339260	18339410	0.0274	GTGTTTGCGKA
chrV	18532460	18532610	0.0274	GTGTTTGCGKA
chrV	18532760	18532910	0.0274	GTGTTTGCGKA
chrV	18549180	18549330	0.0398	GTGTTTGCGKA
chrV	18689843	18689970	0.0251	GTGTTTGCGKA
chrV	19333480	19333630	0.0274	GTGTTTGCGKA
chrV	19334720	19334870	0.0274	GTGTTTGCGKA
chrV	19886320	19886470	0.0274	GTGTTTGCGKA
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chrV	19888740	19888890	0.0274	GTGTTTGCGKA
chrV	19891600	19891750	0.0274	GTGTTTGCGKA
chrV	19893200	19893350	0.0274	GTGTTTGCGKA
chrV	19894200	19894350	0.0274	GTGTTTGCGKA
chrV	19903960	19904110	0.0274	GTGTTTGCGKA
chrV	19917100	19917250	0.0274	GTGTTTGCGKA
chrV	19918540	19918690	0.0274	GTGTTTGCGKA
chrV	19920420	19920570	0.0274	GTGTTTGCGKA
chrV	19920720	19920870	0.0274	GTGTTTGCGKA

chrV	19921020	19921170	0.0274	GTGTTTGCGKA
chrV	19949400	19949550	0.0251	GTGTTTGCGKA
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chrV	6101320	6101470	0.0251	GTGTTTGCGKA
chrX	10419760	10419910	0.0251	GTGTTTGCGKA
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chrX	11124620	11124770	0.0496	GTGTTTGCGKA
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chrX	181120	181270	0.0274	GTGTTTGCGKA
chrX	25020	25170	0.0251	GTGTTTGCGKA
chrX	2704460	2704610	0.0251	GTGTTTGCGKA
chrX	36300	36450	0.0251	GTGTTTGCGKA
chrX	4635784	4635930	0.0274	GTGTTTGCGKA
chrX	6097600	6097750	0.0251	GTGTTTGCGKA
chrX	9441580	9441730	0.0251	GTGTTTGCGKA
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chrI	8761200	8761350	0.0483	GYACAGCCCTA
chrIII	10242471	10242610	0.0483	GYACAGCCCTA
chrIII	10576180	10576330	0.0483	GYACAGCCCTA
chrIII	3433540	3433690	0.0483	GYACAGCCCTA
chrIV	1061760	1061910	0.0483	GYACAGCCCTA
chrIV	14377340	14377490	0.0483	GYACAGCCCTA
chrIV	14932780	14932930	0.0483	GYACAGCCCTA
chrIV	15168548	15168670	0.0483	GYACAGCCCTA
chrIV	15688360	15688510	0.0483	GYACAGCCCTA
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chrIV	15692740	15692890	0.0483	GYACAGCCCTA
chrIV	15862820	15862970	0.0483	GYACAGCCCTA
chrIV	16209440	16209590	0.0483	GYACAGCCCTA
chrIV	16233244	16233370	0.0483	GYACAGCCCTA
chrIV	16233520	16233670	0.0483	GYACAGCCCTA
chrIV	16553140	16553290	0.0483	GYACAGCCCTA
chrIV	17222300	17222450	0.0483	GYACAGCCCTA
chrIV	5950060	5950210	0.0483	GYACAGCCCTA
chrV	13992000	13992150	0.0483	GYACAGCCCTA
chrV	14396340	14396490	0.0483	GYACAGCCCTA
chrV	16471760	16471910	0.0483	GYACAGCCCTA
chrV	6657840	6657990	0.0483	GYACAGCCCTA
chrX	10280440	10280590	0.0483	GYACAGCCCTA
chrX	8429560	8429710	0.0483	GYACAGCCCTA
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chrI	3906360	3906510	0.0217	MAACAACAACAA
chrI	5314680	5314830	0.0303	MAACAACAACAA

chrI	8159760	8159910	0.0141	MAACAACAACAA
chrI	9831780	9831930	0.0141	MAACAACAACAA
chrII	11003940	11004090	0.0389	MAACAACAACAA
chrII	11072660	11072810	0.0141	MAACAACAACAA
chrII	12378880	12379030	0.0217	MAACAACAACAA
chrII	1242520	1242670	0.0217	MAACAACAACAA
chrII	13379040	13379127	0.0141	MAACAACAACAA
chrII	14361256	14361304	0.0141	MAACAACAACAA
chrII	14674440	14674590	0.0141	MAACAACAACAA
chrII	4417520	4417670	0.0141	MAACAACAACAA
chrII	4575620	4575770	0.0141	MAACAACAACAA
chrII	7677960	7678110	0.0141	MAACAACAACAA
chrIII	11239860	11240010	0.0141	MAACAACAACAA
chrIII	215740	215890	0.0303	MAACAACAACAA
chrIII	4525040	4525190	0.0141	MAACAACAACAA
chrIII	5623460	5623610	0.0141	MAACAACAACAA
chrIII	862040	862190	0.0217	MAACAACAACAA
chrIV	10870440	10870590	0.0389	MAACAACAACAA
chrIV	12774200	12774262	0.0217	MAACAACAACAA
chrIV	13461140	13461290	0.0141	MAACAACAACAA
chrIV	16919180	16919330	0.0217	MAACAACAACAA
chrIV	4024840	4024990	0.0141	MAACAACAACAA
chrIV	4024840	4024990	0.0389	MAACAACAACAA
chrIV	5052520	5052670	0.0389	MAACAACAACAA
chrIV	9088460	9088610	0.0141	MAACAACAACAA
chrV	10015260	10015410	0.0141	MAACAACAACAA
chrV	10019080	10019230	0.0217	MAACAACAACAA
chrV	12460800	12460950	0.0141	MAACAACAACAA
chrV	15844940	15845090	0.0141	MAACAACAACAA
chrV	18177380	18177530	0.0141	MAACAACAACAA
chrV	27720	27870	0.0141	MAACAACAACAA
chrV	6343640	6343790	0.0217	MAACAACAACAA
chrV	87180	87330	0.0217	MAACAACAACAA
chrX	10620000	10620150	0.0217	MAACAACAACAA
chrX	1110480	1110630	0.0217	MAACAACAACAA
chrX	12897020	12897170	0.0141	MAACAACAACAA
chrX	1940160	1940310	0.0141	MAACAACAACAA
chrX	2210400	2210550	0.0217	MAACAACAACAA
chrX	4790324	4790430	0.0141	MAACAACAACAA
chrX	5195940	5196090	0.0217	MAACAACAACAA
chrX	6541340	6541490	0.0217	MAACAACAACAA
chrX	6803280	6803378	0.0141	MAACAACAACAA
chrX	7645240	7645390	0.0141	MAACAACAACAA
chrX	7844980	7845046	0.0217	MAACAACAACAA
chrX	8233060	8233210	0.0217	MAACAACAACAA
chrX	8233660	8233810	0.0141	MAACAACAACAA
chrX	8444480	8444630	0.0141	MAACAACAACAA

chrI	10149980	10150130	0.00454	TACAAACTAYA
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chrI	10978056	10978110	0.00454	TACAAACTAYA
chrI	10980880	10981007	0.00454	TACAAACTAYA
chrI	10980880	10981007	0.0427	TACAAACTAYA
chrI	10988140	10988290	0.00454	TACAAACTAYA
chrI	11005740	11005890	0.00454	TACAAACTAYA
chrI	11005740	11005890	0.0427	TACAAACTAYA
chrI	11009560	11009710	0.00454	TACAAACTAYA
chrI	11009560	11009710	0.0427	TACAAACTAYA
chrI	11016320	11016368	0.0099	TACAAACTAYA
chrI	11038160	11038310	0.00454	TACAAACTAYA
chrI	11050480	11050630	0.00454	TACAAACTAYA
chrI	11118440	11118590	0.00454	TACAAACTAYA
chrI	11118440	11118590	0.0184	TACAAACTAYA
chrI	11118440	11118590	0.0427	TACAAACTAYA
chrI	11120960	11121110	0.00454	TACAAACTAYA
chrI	11125360	11125510	0.00454	TACAAACTAYA
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chrI	11133160	11133310	0.00454	TACAAACTAYA
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chrI	11223460	11223610	0.00454	TACAAACTAYA
chrI	11225028	11225080	0.00454	TACAAACTAYA
chrI	12245220	12245370	0.00454	TACAAACTAYA
chrI	12772240	12772390	0.00454	TACAAACTAYA
chrI	12772240	12772390	0.0427	TACAAACTAYA
chrI	12800240	12800298	0.00454	TACAAACTAYA
chrI	12800940	12800999	0.00454	TACAAACTAYA
chrI	12837360	12837413	0.00454	TACAAACTAYA
chrI	12857441	12857503	0.00454	TACAAACTAYA
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chrI	12983567	12983610	0.00454	TACAAACTAYA
chrI	13025640	13025790	0.00454	TACAAACTAYA
chrI	13029360	13029510	0.00454	TACAAACTAYA
chrI	13045537	13045650	0.00454	TACAAACTAYA
chrI	13045537	13045650	0.0184	TACAAACTAYA
chrI	13045537	13045650	0.0427	TACAAACTAYA
chrI	13414400	13414550	0.00454	TACAAACTAYA
chrI	13415540	13415690	0.00454	TACAAACTAYA
chrI	13415540	13415690	0.0427	TACAAACTAYA
chrI	13416520	13416670	0.00454	TACAAACTAYA

chrI	13419460	13419605	0.0184	TACAAACTAYA
chrI	13419460	13419605	0.0427	TACAAACTAYA
chrI	13470820	13470970	0.00454	TACAAACTAYA
chrI	13493098	13493145	0.00454	TACAAACTAYA
chrI	13493098	13493145	0.0099	TACAAACTAYA
chrI	13499840	13499990	0.00454	TACAAACTAYA
chrI	13515880	13516030	0.00454	TACAAACTAYA
chrI	13523480	13523630	0.00454	TACAAACTAYA
chrI	13525600	13525750	0.00454	TACAAACTAYA
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chrI	13527780	13527901	0.00454	TACAAACTAYA
chrI	13573500	13573650	0.00454	TACAAACTAYA
chrI	13593780	13593930	0.00454	TACAAACTAYA
chrI	13607460	13607610	0.00454	TACAAACTAYA
chrI	13627340	13627490	0.00454	TACAAACTAYA
chrI	13629680	13629830	0.00454	TACAAACTAYA
chrI	13632210	13632270	0.00454	TACAAACTAYA
chrI	13640800	13640910	0.00454	TACAAACTAYA
chrI	13673640	13673790	0.00454	TACAAACTAYA
chrI	13673900	13674050	0.00454	TACAAACTAYA
chrI	13864080	13864230	0.00454	TACAAACTAYA
chrI	14102560	14102710	0.00454	TACAAACTAYA
chrI	14279940	14280090	0.00454	TACAAACTAYA
chrI	14413850	14413990	0.00454	TACAAACTAYA
chrI	14433480	14433522	0.00454	TACAAACTAYA
chrI	14552556	14552630	0.00454	TACAAACTAYA
chrI	2539440	2539590	0.00454	TACAAACTAYA
chrI	2539760	2539910	0.00454	TACAAACTAYA
chrI	2539760	2539910	0.0099	TACAAACTAYA
chrI	2539760	2539910	0.0427	TACAAACTAYA
chrI	2950680	2950830	0.0099	TACAAACTAYA
chrI	7748240	7748390	0.0099	TACAAACTAYA
chrI	776660	776810	0.00454	TACAAACTAYA
chrI	777140	777290	0.00454	TACAAACTAYA
chrI	777140	777290	0.0099	TACAAACTAYA
chrI	8113160	8113310	0.0184	TACAAACTAYA
chrI	9837200	9837350	0.0427	TACAAACTAYA
chrII	12320480	12320630	0.00454	TACAAACTAYA
chrII	1303150	1303210	0.00454	TACAAACTAYA
chrII	1303960	1304110	0.00454	TACAAACTAYA
chrII	1305384	1305490	0.00454	TACAAACTAYA
chrII	1308380	1308530	0.00454	TACAAACTAYA
chrII	1312120	1312270	0.00454	TACAAACTAYA
chrII	1328049	1328110	0.00454	TACAAACTAYA
chrII	1328380	1328530	0.00454	TACAAACTAYA
chrII	1328380	1328530	0.0099	TACAAACTAYA
chrII	13529920	13530070	0.00454	TACAAACTAYA

chrII	13529920	13530070	0.0427	TACAAACTAYA
chrII	13612860	13612999	0.00454	TACAAACTAYA
chrII	13665520	13665670	0.00454	TACAAACTAYA
chrII	1373660	1373781	0.00454	TACAAACTAYA
chrII	1384540	1384690	0.00454	TACAAACTAYA
chrII	1384540	1384690	0.0099	TACAAACTAYA
chrII	1384540	1384690	0.0184	TACAAACTAYA
chrII	1384540	1384690	0.0427	TACAAACTAYA
chrII	13950380	13950530	0.00454	TACAAACTAYA
chrII	13964160	13964310	0.00454	TACAAACTAYA
chrII	1404820	1404970	0.00454	TACAAACTAYA
chrII	1408600	1408750	0.00454	TACAAACTAYA
chrII	1409260	1409306	0.00454	TACAAACTAYA
chrII	1435880	1436030	0.00454	TACAAACTAYA
chrII	1442293	1442350	0.00454	TACAAACTAYA
chrII	14447260	14447410	0.00454	TACAAACTAYA
chrII	241480	241630	0.00454	TACAAACTAYA
chrII	247100	247250	0.00454	TACAAACTAYA
chrII	249824	249871	0.00454	TACAAACTAYA
chrII	2601920	2602070	0.0427	TACAAACTAYA
chrII	2630280	2630430	0.00454	TACAAACTAYA
chrII	2630280	2630430	0.0427	TACAAACTAYA
chrII	287560	287710	0.00454	TACAAACTAYA
chrII	287560	287710	0.0427	TACAAACTAYA
chrII	289680	289763	0.00454	TACAAACTAYA
chrII	3627580	3627730	0.00454	TACAAACTAYA
chrII	3627580	3627730	0.0427	TACAAACTAYA
chrII	466780	466930	0.00454	TACAAACTAYA
chrII	472900	473015	0.00454	TACAAACTAYA
chrII	474740	474890	0.00454	TACAAACTAYA
chrII	486540	486690	0.00454	TACAAACTAYA
chrII	488880	489030	0.00454	TACAAACTAYA
chrII	708700	708850	0.00454	TACAAACTAYA
chrII	745300	745450	0.00454	TACAAACTAYA
chrII	745300	745450	0.0427	TACAAACTAYA
chrII	7683527	7683650	0.0427	TACAAACTAYA
chrII	942560	942710	0.00454	TACAAACTAYA
chrII	9602060	9602210	0.0427	TACAAACTAYA
chrIII	204900	205050	0.00454	TACAAACTAYA
chrIII	3438160	3438310	0.0427	TACAAACTAYA
chrIII	5617560	5617710	0.00454	TACAAACTAYA
chrIV	1140120	1140270	0.00454	TACAAACTAYA
chrIV	1517020	1517170	0.00454	TACAAACTAYA
chrIV	1517020	1517170	0.0184	TACAAACTAYA
chrIV	1624620	1624770	0.00454	TACAAACTAYA
chrV	10084120	10084270	0.00454	TACAAACTAYA
chrV	12908760	12908910	0.0427	TACAAACTAYA

chrV	145601	145670	0.00454	TACAAACTAYA
chrV	17144220	17144370	0.00454	TACAAACTAYA
chrV	18042355	18042470	0.00454	TACAAACTAYA
chrV	18053040	18053190	0.00454	TACAAACTAYA
chrV	18354280	18354430	0.00454	TACAAACTAYA
chrV	18354280	18354430	0.0099	TACAAACTAYA
chrV	18354280	18354430	0.0184	TACAAACTAYA
chrV	18877880	18878030	0.00454	TACAAACTAYA
chrV	18878380	18878530	0.00454	TACAAACTAYA
chrV	18878740	18878890	0.00454	TACAAACTAYA
chrV	18883740	18883890	0.00454	TACAAACTAYA
chrV	18886460	18886610	0.0427	TACAAACTAYA
chrV	18887140	18887290	0.00454	TACAAACTAYA
chrV	18887140	18887290	0.0427	TACAAACTAYA
chrV	18887560	18887710	0.00454	TACAAACTAYA
chrV	18889160	18889310	0.00454	TACAAACTAYA
chrV	18893060	18893210	0.00454	TACAAACTAYA
chrV	18894080	18894230	0.00454	TACAAACTAYA
chrV	18895748	18895870	0.00454	TACAAACTAYA
chrV	18968360	18968510	0.00454	TACAAACTAYA
chrV	18968360	18968510	0.0427	TACAAACTAYA
chrV	18982440	18982590	0.00454	TACAAACTAYA
chrV	18987060	18987210	0.00454	TACAAACTAYA
chrV	18989740	18989890	0.00454	TACAAACTAYA
chrV	18991820	18991970	0.00454	TACAAACTAYA
chrV	18992080	18992230	0.00454	TACAAACTAYA
chrV	18992520	18992670	0.00454	TACAAACTAYA
chrV	18997560	18997710	0.00454	TACAAACTAYA
chrV	18999100	18999250	0.00454	TACAAACTAYA
chrV	18999940	19000090	0.00454	TACAAACTAYA
chrV	19118040	19118190	0.00454	TACAAACTAYA
chrV	19119739	19119850	0.00454	TACAAACTAYA
chrV	19119940	19120090	0.00454	TACAAACTAYA
chrV	19120380	19120530	0.00454	TACAAACTAYA
chrV	19122480	19122630	0.00454	TACAAACTAYA
chrV	19123000	19123150	0.00454	TACAAACTAYA
chrV	19123560	19123710	0.00454	TACAAACTAYA
chrV	19123560	19123710	0.0427	TACAAACTAYA
chrV	19124380	19124530	0.00454	TACAAACTAYA
chrV	19191240	19191390	0.00454	TACAAACTAYA
chrV	19199560	19199710	0.00454	TACAAACTAYA
chrV	19199800	19199950	0.00454	TACAAACTAYA
chrV	19200240	19200390	0.00454	TACAAACTAYA
chrV	19200240	19200390	0.0427	TACAAACTAYA
chrV	19200760	19200910	0.00454	TACAAACTAYA
chrV	19550340	19550490	0.00454	TACAAACTAYA
chrV	19550340	19550490	0.0427	TACAAACTAYA

chrV	19551660	19551810	0.00454	TACAAACTAYA
chrV	19552040	19552190	0.00454	TACAAACTAYA
chrV	19553520	19553670	0.00454	TACAAACTAYA
chrV	19553520	19553670	0.0184	TACAAACTAYA
chrV	19910220	19910370	0.00454	TACAAACTAYA
chrV	19914340	19914490	0.00454	TACAAACTAYA
chrV	19933380	19933530	0.00454	TACAAACTAYA
chrV	19933940	19934090	0.00454	TACAAACTAYA
chrV	19945463	19945590	0.00454	TACAAACTAYA
chrV	19945800	19945950	0.00454	TACAAACTAYA
chrV	19947320	19947470	0.00454	TACAAACTAYA
chrV	19948060	19948210	0.00454	TACAAACTAYA
chrV	19952820	19952970	0.00454	TACAAACTAYA
chrV	20086180	20086330	0.00454	TACAAACTAYA
chrV	20086640	20086790	0.00454	TACAAACTAYA
chrV	20086860	20087010	0.00454	TACAAACTAYA
chrV	20089740	20089890	0.00454	TACAAACTAYA
chrV	20091860	20092010	0.00454	TACAAACTAYA
chrV	20099340	20099490	0.00454	TACAAACTAYA
chrV	20099720	20099870	0.00454	TACAAACTAYA
chrV	20101760	20101910	0.00454	TACAAACTAYA
chrV	20102280	20102430	0.00454	TACAAACTAYA
chrV	20102840	20102990	0.00454	TACAAACTAYA
chrV	20240040	20240190	0.00454	TACAAACTAYA
chrV	20240580	20240730	0.00454	TACAAACTAYA
chrV	20248080	20248230	0.00454	TACAAACTAYA
chrV	20248520	20248670	0.00454	TACAAACTAYA
chrV	20250340	20250490	0.00454	TACAAACTAYA
chrV	20262940	20263090	0.00454	TACAAACTAYA
chrV	20263960	20264110	0.00454	TACAAACTAYA
chrV	20265140	20265290	0.00454	TACAAACTAYA
chrV	20265620	20265770	0.00454	TACAAACTAYA
chrV	20268260	20268410	0.00454	TACAAACTAYA
chrV	20268260	20268410	0.0427	TACAAACTAYA
chrV	20270540	20270690	0.00454	TACAAACTAYA
chrV	20271460	20271610	0.00454	TACAAACTAYA
chrV	20272980	20273130	0.00454	TACAAACTAYA
chrV	20273640	20273790	0.00454	TACAAACTAYA
chrV	20274000	20274150	0.00454	TACAAACTAYA
chrV	20274700	20274850	0.00454	TACAAACTAYA
chrV	20275220	20275333	0.00454	TACAAACTAYA
chrV	20500051	20500110	0.00454	TACAAACTAYA
chrV	2570420	2570555	0.00454	TACAAACTAYA
chrV	2617587	2617630	0.00454	TACAAACTAYA
chrV	2717880	2718030	0.00454	TACAAACTAYA
chrV	2717880	2718030	0.0184	TACAAACTAYA
chrV	2717880	2718030	0.0427	TACAAACTAYA

chrV	2901080	2901230	0.00454	TACAAACTAYA
chrV	3634820	3634970	0.0427	TACAAACTAYA
chrV	3642491	3642610	0.00454	TACAAACTAYA
chrV	3645880	3646030	0.00454	TACAAACTAYA
chrV	3645880	3646030	0.0427	TACAAACTAYA
chrV	3646280	3646430	0.00454	TACAAACTAYA
chrV	3651560	3651660	0.00454	TACAAACTAYA
chrV	3651560	3651660	0.0427	TACAAACTAYA
chrV	3654360	3654510	0.00454	TACAAACTAYA
chrV	3654640	3654790	0.00454	TACAAACTAYA
chrV	3654640	3654790	0.0427	TACAAACTAYA
chrV	3657200	3657324	0.00454	TACAAACTAYA
chrV	379128	379250	0.00454	TACAAACTAYA
chrV	3794860	3794962	0.00454	TACAAACTAYA
chrV	3794860	3794962	0.0184	TACAAACTAYA
chrV	3794860	3794962	0.0427	TACAAACTAYA
chrX	12510100	12510250	0.0184	TACAAACTAYA
chrX	15957440	15957590	0.0427	TACAAACTAYA
chrX	161000	161150	0.00454	TACAAACTAYA
chrX	162320	162470	0.00454	TACAAACTAYA
chrX	164360	164510	0.00454	TACAAACTAYA
chrX	164660	164810	0.00454	TACAAACTAYA
chrX	164660	164810	0.0427	TACAAACTAYA
chrX	164980	165130	0.00454	TACAAACTAYA
chrX	164980	165130	0.0427	TACAAACTAYA
chrX	165380	165530	0.00454	TACAAACTAYA
chrX	165380	165530	0.0427	TACAAACTAYA
chrX	184400	184550	0.00454	TACAAACTAYA
chrX	188500	188650	0.00454	TACAAACTAYA
chrX	188860	189010	0.00454	TACAAACTAYA
chrX	189140	189290	0.00454	TACAAACTAYA
chrX	189420	189570	0.00454	TACAAACTAYA
chrX	189900	190050	0.00454	TACAAACTAYA
chrX	2041620	2041770	0.0427	TACAAACTAYA
chrX	3420	3570	0.00454	TACAAACTAYA
chrI	1033540	1033690	0.018	TGCGCCTTTAR
chrI	1038260	1038410	0.018	TGCGCCTTTAR
chrI	1041020	1041170	0.018	TGCGCCTTTAR
chrI	10588060	10588177	0.018	TGCGCCTTTAR
chrI	1156120	1156270	0.018	TGCGCCTTTAR
chrI	11611400	11611550	0.018	TGCGCCTTTAR
chrI	12806860	12807010	0.018	TGCGCCTTTAR
chrI	12903620	12903770	0.018	TGCGCCTTTAR
chrI	13337780	13337853	0.018	TGCGCCTTTAR
chrI	13653920	13654029	0.018	TGCGCCTTTAR
chrI	13951760	13951910	0.018	TGCGCCTTTAR
chrI	13965540	13965690	0.018	TGCGCCTTTAR

chrI	1832641	1832770	0.018 TGCGCCTTTAR
chrI	2313060	2313210	0.018 TGCGCCTTTAR
chrI	2723520	2723670	0.018 TGCGCCTTTAR
chrI	2905760	2905910	0.018 TGCGCCTTTAR
chrI	355481	355538	0.018 TGCGCCTTTAR
chrI	3817360	3817510	0.018 TGCGCCTTTAR
chrI	4175020	4175170	0.018 TGCGCCTTTAR
chrI	5272100	5272250	0.018 TGCGCCTTTAR
chrI	5763100	5763250	0.018 TGCGCCTTTAR
chrI	6369800	6369950	0.018 TGCGCCTTTAR
chrI	6519580	6519730	0.018 TGCGCCTTTAR
chrI	67720	67870	0.018 TGCGCCTTTAR
chrI	9287140	9287290	0.018 TGCGCCTTTAR
chrI	9937480	9937630	0.018 TGCGCCTTTAR
chrII	11097400	11097550	0.018 TGCGCCTTTAR
chrII	11591640	11591790	0.018 TGCGCCTTTAR
chrII	11974080	11974230	0.018 TGCGCCTTTAR
chrII	12224960	12225110	0.018 TGCGCCTTTAR
chrII	12880420	12880570	0.018 TGCGCCTTTAR
chrII	13619660	13619810	0.018 TGCGCCTTTAR
chrII	13622200	13622350	0.018 TGCGCCTTTAR
chrII	14247260	14247410	0.0291 TGCGCCTTTAR
chrII	7037800	7037950	0.0291 TGCGCCTTTAR
chrII	7394460	7394610	0.018 TGCGCCTTTAR
chrII	8970340	8970490	0.018 TGCGCCTTTAR
chrII	9365240	9365390	0.0414 TGCGCCTTTAR
chrII	9647480	9647630	0.018 TGCGCCTTTAR
chrIII	10404269	10404390	0.018 TGCGCCTTTAR
chrIII	10594540	10594690	0.018 TGCGCCTTTAR
chrIII	10872019	10872070	0.018 TGCGCCTTTAR
chrIII	11922200	11922350	0.018 TGCGCCTTTAR
chrIII	12366944	12367070	0.018 TGCGCCTTTAR
chrIII	13173480	13173630	0.018 TGCGCCTTTAR
chrIII	1758480	1758630	0.018 TGCGCCTTTAR
chrIII	1864131	1864190	0.018 TGCGCCTTTAR
chrIII	2461200	2461350	0.018 TGCGCCTTTAR
chrIII	3160340	3160490	0.018 TGCGCCTTTAR
chrIII	3396260	3396410	0.018 TGCGCCTTTAR
chrIII	4028129	4028230	0.018 TGCGCCTTTAR
chrIII	4822226	4822370	0.018 TGCGCCTTTAR
chrIII	5081120	5081270	0.018 TGCGCCTTTAR
chrIII	5382001	5382150	0.018 TGCGCCTTTAR
chrIII	5591860	5592010	0.018 TGCGCCTTTAR
chrIII	5726320	5726470	0.018 TGCGCCTTTAR
chrIII	6206320	6206470	0.018 TGCGCCTTTAR
chrIII	6471920	6472070	0.018 TGCGCCTTTAR
chrIII	6563744	6563890	0.0291 TGCGCCTTTAR

chrIII	6566480	6566630	0.0291	TGCGCCTTTAR
chrIII	6608160	6608310	0.018	TGCGCCTTTAR
chrIII	7237960	7238110	0.0291	TGCGCCTTTAR
chrIII	8472642	8472750	0.0291	TGCGCCTTTAR
chrIV	10367980	10368130	0.018	TGCGCCTTTAR
chrIV	12294820	12294970	0.018	TGCGCCTTTAR
chrIV	12632320	12632470	0.018	TGCGCCTTTAR
chrIV	12694468	12694552	0.0414	TGCGCCTTTAR
chrIV	13512240	13512390	0.018	TGCGCCTTTAR
chrIV	14452660	14452810	0.018	TGCGCCTTTAR
chrIV	14455160	14455310	0.018	TGCGCCTTTAR
chrIV	15037040	15037190	0.018	TGCGCCTTTAR
chrIV	15783440	15783590	0.018	TGCGCCTTTAR
chrIV	1600960	1601110	0.018	TGCGCCTTTAR
chrIV	16759460	16759610	0.0291	TGCGCCTTTAR
chrIV	16872180	16872330	0.018	TGCGCCTTTAR
chrIV	3031440	3031590	0.018	TGCGCCTTTAR
chrIV	425680	425830	0.018	TGCGCCTTTAR
chrIV	4393660	4393810	0.018	TGCGCCTTTAR
chrIV	4658840	4658990	0.0291	TGCGCCTTTAR
chrIV	4660400	4660550	0.018	TGCGCCTTTAR
chrIV	5280280	5280430	0.018	TGCGCCTTTAR
chrIV	6117920	6118070	0.018	TGCGCCTTTAR
chrIV	6347900	6348050	0.018	TGCGCCTTTAR
chrIV	6910160	6910310	0.018	TGCGCCTTTAR
chrIV	7924220	7924350	0.018	TGCGCCTTTAR
chrV	14457220	14457370	0.018	TGCGCCTTTAR
chrV	14832720	14832870	0.018	TGCGCCTTTAR
chrV	14832880	14833030	0.018	TGCGCCTTTAR
chrV	15115440	15115590	0.0291	TGCGCCTTTAR
chrV	16373941	16374010	0.018	TGCGCCTTTAR
chrV	18627520	18627670	0.018	TGCGCCTTTAR
chrV	19473340	19473490	0.018	TGCGCCTTTAR
chrV	19916200	19916350	0.018	TGCGCCTTTAR
chrV	20269840	20269990	0.018	TGCGCCTTTAR
chrV	20479260	20479410	0.018	TGCGCCTTTAR
chrV	4175720	4175870	0.018	TGCGCCTTTAR
chrX	12607640	12607790	0.0291	TGCGCCTTTAR
chrX	15921820	15921970	0.0291	TGCGCCTTTAR
chrX	182320	182470	0.018	TGCGCCTTTAR
chrX	260480	260630	0.018	TGCGCCTTTAR

Intergenic DHS Motifs

ce10 Chr	Start	End	q-value	Motif
chrI	581380	581530	0.0472	AAAATCATATG
chrII	15186080	15186230	0.0472	AAAATCATATG
chrII	777020	777170	0.0472	AAAATCATATG
chrIII	1008000	1008150	0.0472	AAAATCATATG
chrIII	12804800	12804950	0.0472	AAAATCATATG
chrIII	1327860	1328010	0.0472	AAAATCATATG
chrIV	1379900	1380050	0.0472	AAAATCATATG
chrIV	15789960	15790110	0.0472	AAAATCATATG
chrIV	17071280	17071430	0.0472	AAAATCATATG
chrV	14585980	14586130	0.0472	AAAATCATATG
chrV	14586400	14586550	0.0472	AAAATCATATG
chrV	14588880	14589030	0.0472	AAAATCATATG
chrV	14589420	14589570	0.0472	AAAATCATATG
chrV	14589920	14590070	0.0472	AAAATCATATG
chrV	14590240	14590390	0.0472	AAAATCATATG
chrV	15683620	15683770	0.0472	AAAATCATATG
chrV	15684920	15685070	0.0472	AAAATCATATG
chrV	16525860	16526010	0.0472	AAAATCATATG
chrV	1705120	1705270	0.0472	AAAATCATATG
chrV	1706080	1706230	0.0472	AAAATCATATG
chrV	18237580	18237730	0.0472	AAAATCATATG
chrV	19480980	19481130	0.0472	AAAATCATATG
chrV	4990820	4990970	0.0472	AAAATCATATG
chrX	1720960	1721110	0.0472	AAAATCATATG
chrX	1881480	1881630	0.0472	AAAATCATATG
chrX	2538420	2538570	0.0472	AAAATCATATG
chrI	11602960	11603110	0.0268	AAAATTCMAAA
chrI	12432400	12432550	0.0268	AAAATTCMAAA
chrI	1331640	1331790	0.0342	AAAATTCMAAA
chrI	1331980	1332130	0.0342	AAAATTCMAAA
chrI	14952800	14952950	0.0268	AAAATTCMAAA
chrI	2211040	2211190	0.0268	AAAATTCMAAA
chrI	278160	278310	0.0439	AAAATTCMAAA
chrI	4795220	4795370	0.0268	AAAATTCMAAA
chrI	581380	581530	0.0268	AAAATTCMAAA
chrI	6333440	6333590	0.0268	AAAATTCMAAA
chrI	6981380	6981530	0.0268	AAAATTCMAAA
chrI	7419040	7419190	0.0268	AAAATTCMAAA
chrI	9111680	9111830	0.0268	AAAATTCMAAA
chrII	10278060	10278210	0.0268	AAAATTCMAAA
chrII	11353580	11353730	0.0439	AAAATTCMAAA
chrII	1362540	1362690	0.0268	AAAATTCMAAA
chrII	15186080	15186230	0.0268	AAAATTCMAAA
chrII	1657680	1657830	0.0268	AAAATTCMAAA
chrII	2403500	2403650	0.0342	AAAATTCMAAA

chrII	2517700	2517850	0.0342 AAAATTCMAAA
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chrIII	1327860	1328010	0.0268 AAAATTCMAAA
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chrV	14590240	14590390	0.0268 AAAATTCMAAA
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chrV	15683620	15683770	0.0268 AAAATTCMAAA
chrV	15684920	15685070	0.0268 AAAATTCMAAA
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chrV	1706080	1706230	0.0268 AAAATTCMAAA
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chrX	14378500	14378650	0.0342 AAAATTCMAAA
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chrX	1720960	1721110	0.0268 AAAATTCMAAA
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chrX	2992320	2992470	0.0342 AAAATTCMAAA
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chrI	12225220	12225370	0.0367 ACAYACAH
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chrI	14693020	14693170	0.0367 ACAYACAH
chrI	14845760	14845910	0.0367 ACAYACAH
chrI	1559140	1559290	0.0367 ACAYACAH
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chrI	3916760	3916910	0.0367 ACAYACAH
chrI	4218380	4218530	0.0367 ACAYACAH
chrI	4406040	4406190	0.0367 ACAYACAH
chrI	4435000	4435150	0.0367 ACAYACAH
chrI	4577640	4577790	0.0367 ACAYACAH
chrI	4699500	4699650	0.0367 ACAYACAH
chrI	5072300	5072450	0.0367 ACAYACAH
chrI	5095500	5095650	0.0367 ACAYACAH
chrI	524540	524690	0.0367 ACAYACAH
chrI	5389120	5389270	0.0367 ACAYACAH
chrI	5870700	5870850	0.0367 ACAYACAH
chrI	6151640	6151790	0.0367 ACAYACAH
chrI	6198540	6198690	0.0367 ACAYACAH
chrI	6330640	6330790	0.0367 ACAYACAH
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chrI	6712900	6713050	0.0367 ACAYACAH
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chrI	7479220	7479370	0.0367 ACAYACAH
chrI	7611800	7611950	0.0367 ACAYACAH
chrI	788120	788270	0.0367 ACAYACAH
chrI	789460	789610	0.0367 ACAYACAH
chrI	8045280	8045430	0.0367 ACAYACAH
chrI	8100200	8100350	0.0367 ACAYACAH
chrI	9122360	9122510	0.0367 ACAYACAH
chrI	9167280	9167430	0.0367 ACAYACAH
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chrI	9331720	9331870	0.0367 ACAYACAH
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chrI	9915080	9915230	0.0367 ACAYACAH
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chrII	10433340	10433490	0.0367 ACAYACAH
chrII	10505060	10505210	0.0367 ACAYACAH
chrII	10578520	10578670	0.0367 ACAYACAH
chrII	10674320	10674470	0.0367 ACAYACAH
chrII	10804600	10804750	0.0367 ACAYACAH
chrII	10966140	10966290	0.0367 ACAYACAH
chrII	11156540	11156690	0.0367 ACAYACAH
chrII	11221840	11221990	0.0367 ACAYACAH
chrII	11351780	11351930	0.0367 ACAYACAH
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chrII	11785900	11786050	0.0367 ACAYACAH
chrII	11938760	11938910	0.0367 ACAYACAH
chrII	12503580	12503730	0.0367 ACAYACAH
chrII	12665160	12665310	0.0367 ACAYACAH
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chrII	13936000	13936150	0.0367 ACAYACAH
chrII	14004040	14004190	0.0367 ACAYACAH
chrII	14027460	14027610	0.0367 ACAYACAH
chrII	14041480	14041630	0.0367 ACAYACAH
chrII	14053280	14053430	0.0367 ACAYACAH
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chrII	14195540	14195690	0.0367 ACAYACAH
chrII	14244560	14244710	0.0367 ACAYACAH
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chrII	2854940	2855090	0.0367 ACAYACAH
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chrII	4151800	4151950	0.0367 ACAYACAH
chrII	4291860	4292010	0.0367 ACAYACAH
chrII	4389480	4389630	0.0367 ACAYACAH
chrII	4747200	4747350	0.0367 ACAYACAH
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chrII	6782960	6783110	0.0367 ACAYACAH
chrII	6833980	6834130	0.0367 ACAYACAH
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chrIV	6129320	6129470	0.0367 ACAYACAH
chrIV	6356720	6356870	0.0367 ACAYACAH
chrIV	641300	641450	0.0367 ACAYACAH
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chrIV	8866200	8866350	0.0367 ACAYACAH
chrIV	922300	922450	0.0367 ACAYACAH
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chrV	20250340	20250490	0.00268	ACTACAAACTAC
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chrI	1271060	1271210	0.0233	BGGGGGGGGG
chrI	13031040	13031190	0.0233	BGGGGGGGGG
chrI	13373100	13373250	0.047	BGGGGGGGGG
chrI	13498980	13499130	0.00906	BGGGGGGGGG
chrI	13498980	13499130	0.047	BGGGGGGGGG
chrI	13650800	13650950	0.000999	BGGGGGGGGG
chrI	13650800	13650950	0.00292	BGGGGGGGGG

chrI	13650800	13650950	0.0134	BGGGGGGGGG
chrI	13650800	13650950	0.0176	BGGGGGGGGG
chrI	13650800	13650950	0.0281	BGGGGGGGGG
chrI	13977380	13977530	0.0233	BGGGGGGGGG
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chrI	14147740	14147890	0.0134	BGGGGGGGGG
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chrI	14170740	14170890	0.000999	BGGGGGGGGG
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chrI	14526720	14526870	0.0233	BGGGGGGGGG
chrI	159060	159210	0.000999	BGGGGGGGGG
chrI	159060	159210	0.00207	BGGGGGGGGG
chrI	159060	159210	0.0134	BGGGGGGGGG
chrI	159060	159210	0.0334	BGGGGGGGGG
chrI	2125240	2125390	0.0373	BGGGGGGGGG
chrI	2211820	2211970	0.000999	BGGGGGGGGG
chrI	2211820	2211970	0.00207	BGGGGGGGGG
chrI	2211820	2211970	0.00906	BGGGGGGGGG
chrI	2211820	2211970	0.0449	BGGGGGGGGG
chrI	2577420	2577570	0.00906	BGGGGGGGGG
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chrI	2662600	2662750	0.0233	BGGGGGGGGG
chrI	2695540	2695690	0.000999	BGGGGGGGGG
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chrI	2695540	2695690	0.0134	BGGGGGGGGG
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chrI	270360	270510	0.000999	BGGGGGGGGG
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chrI	9315480	9315630	0.047	BGGGGGGGGG
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chrI	9803940	9804090	0.0334	BGGGGGGGGG
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chrII	11806020	11806170	0.0334	BGGGGGGGGG
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chrIII	2871960	2872110	0.0334	BGGGGGGGGG
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chrIII	34260	34410	0.00363	BGGGGGGGGG
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chrIII	3481080	3481230	0.0233	BGGGGGGGGG
chrIII	3665820	3665970	0.0134	BGGGGGGGGG
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chrIII	384820	384970	0.0233	BGGGGGGGGG
chrIII	3977080	3977230	0.000999	BGGGGGGGGG
chrIII	3977080	3977230	0.00207	BGGGGGGGGG
chrIII	3977080	3977230	0.00906	BGGGGGGGGG

chrIII	3993960	3994110	0.047	BGGGGGGGGG
chrIII	4049220	4049370	0.00363	BGGGGGGGGG
chrIII	4049220	4049370	0.00906	BGGGGGGGGG
chrIII	4049220	4049370	0.047	BGGGGGGGGG
chrIII	434440	434590	0.00906	BGGGGGGGGG
chrIII	434440	434590	0.0233	BGGGGGGGGG
chrIII	517560	517710	0.0373	BGGGGGGGGG
chrIII	5472800	5472950	0.0233	BGGGGGGGGG
chrIII	552540	552690	0.00906	BGGGGGGGGG
chrIII	552540	552690	0.0373	BGGGGGGGGG
chrIII	5688340	5688490	0.047	BGGGGGGGGG
chrIII	5814300	5814450	0.000999	BGGGGGGGGG
chrIII	5814300	5814450	0.00363	BGGGGGGGGG
chrIII	5814300	5814450	0.0176	BGGGGGGGGG
chrIII	5814300	5814450	0.0373	BGGGGGGGGG
chrIII	657300	657450	0.000999	BGGGGGGGGG
chrIII	657300	657450	0.00363	BGGGGGGGGG
chrIII	657300	657450	0.00906	BGGGGGGGGG
chrIII	657300	657450	0.0176	BGGGGGGGGG
chrIII	6586900	6587050	0.000999	BGGGGGGGGG
chrIII	6586900	6587050	0.00363	BGGGGGGGGG
chrIII	6586900	6587050	0.00906	BGGGGGGGGG
chrIII	6586900	6587050	0.0134	BGGGGGGGGG
chrIII	6586900	6587050	0.0233	BGGGGGGGGG
chrIII	67180	67330	0.0134	BGGGGGGGGG
chrIII	67180	67330	0.0408	BGGGGGGGGG
chrIII	6742700	6742850	0.0233	BGGGGGGGGG
chrIII	7032780	7032930	0.000999	BGGGGGGGGG
chrIII	7032780	7032930	0.00363	BGGGGGGGGG
chrIII	7032780	7032930	0.0176	BGGGGGGGGG
chrIII	7032780	7032930	0.0233	BGGGGGGGGG
chrIII	754660	754810	0.0373	BGGGGGGGGG
chrIII	7672920	7673070	0.000999	BGGGGGGGGG
chrIII	7672920	7673070	0.00207	BGGGGGGGGG
chrIII	7672920	7673070	0.0334	BGGGGGGGGG
chrIII	7812300	7812450	0.0408	BGGGGGGGGG
chrIII	8201780	8201930	0.000999	BGGGGGGGGG
chrIII	8201780	8201930	0.00363	BGGGGGGGGG
chrIII	8201780	8201930	0.0134	BGGGGGGGGG
chrIII	8201780	8201930	0.047	BGGGGGGGGG
chrIII	8940080	8940230	0.0408	BGGGGGGGGG
chrIII	9176060	9176210	0.00906	BGGGGGGGGG
chrIII	9176060	9176210	0.0233	BGGGGGGGGG
chrIII	9567420	9567570	0.000999	BGGGGGGGGG
chrIII	9567420	9567570	0.00292	BGGGGGGGGG
chrIII	9567420	9567570	0.00906	BGGGGGGGGG
chrIII	9567420	9567570	0.0134	BGGGGGGGGG

chrIII	9567420	9567570	0.0281	BGGGGGGGGG
chrIII	9619440	9619590	0.0233	BGGGGGGGGG
chrIII	9619440	9619590	0.0449	BGGGGGGGGG
chrIV	10175080	10175230	0.000999	BGGGGGGGGG
chrIV	10175080	10175230	0.00363	BGGGGGGGGG
chrIV	10175080	10175230	0.00906	BGGGGGGGGG
chrIV	10175080	10175230	0.0134	BGGGGGGGGG
chrIV	10175080	10175230	0.0233	BGGGGGGGGG
chrIV	1044320	1044470	0.0233	BGGGGGGGGG
chrIV	10613860	10614010	0.0134	BGGGGGGGGG
chrIV	10613860	10614010	0.0408	BGGGGGGGGG
chrIV	1064580	1064730	0.0449	BGGGGGGGGG
chrIV	10807920	10808070	0.047	BGGGGGGGGG
chrIV	10828700	10828850	0.0334	BGGGGGGGGG
chrIV	10972940	10973090	0.0233	BGGGGGGGGG
chrIV	11168000	11168150	0.000999	BGGGGGGGGG
chrIV	11168000	11168150	0.00207	BGGGGGGGGG
chrIV	11168000	11168150	0.0176	BGGGGGGGGG
chrIV	11168000	11168150	0.0334	BGGGGGGGGG
chrIV	11812600	11812750	0.000999	BGGGGGGGGG
chrIV	11812600	11812750	0.00363	BGGGGGGGGG
chrIV	11812600	11812750	0.00906	BGGGGGGGGG
chrIV	11812600	11812750	0.0134	BGGGGGGGGG
chrIV	11812600	11812750	0.047	BGGGGGGGGG
chrIV	12012540	12012690	0.0176	BGGGGGGGGG
chrIV	12012540	12012690	0.0334	BGGGGGGGGG
chrIV	12180380	12180530	0.0176	BGGGGGGGGG
chrIV	12188620	12188770	0.0176	BGGGGGGGGG
chrIV	1260820	1260970	0.0134	BGGGGGGGGG
chrIV	12617280	12617430	0.000999	BGGGGGGGGG
chrIV	12617280	12617430	0.00363	BGGGGGGGGG
chrIV	12617280	12617430	0.0176	BGGGGGGGGG
chrIV	12617280	12617430	0.047	BGGGGGGGGG
chrIV	12771660	12771810	0.0408	BGGGGGGGGG
chrIV	12803340	12803490	0.000999	BGGGGGGGGG
chrIV	12803340	12803490	0.00363	BGGGGGGGGG
chrIV	12803340	12803490	0.0134	BGGGGGGGGG
chrIV	12803340	12803490	0.0233	BGGGGGGGGG
chrIV	128700	128850	0.000999	BGGGGGGGGG
chrIV	128700	128850	0.00207	BGGGGGGGGG
chrIV	128700	128850	0.00906	BGGGGGGGGG
chrIV	128700	128850	0.0176	BGGGGGGGGG
chrIV	13219620	13219770	0.0373	BGGGGGGGGG
chrIV	1361920	1362070	0.0134	BGGGGGGGGG
chrIV	1361920	1362070	0.0373	BGGGGGGGGG
chrIV	1361920	1362070	0.0408	BGGGGGGGGG
chrIV	13689740	13689890	0.000999	BGGGGGGGGG

chrIV	13689740	13689890	0.00207	BGGGGGGGGG
chrIV	13689740	13689890	0.00906	BGGGGGGGGG
chrIV	13689740	13689890	0.0176	BGGGGGGGGG
chrIV	13699200	13699350	0.000999	BGGGGGGGGG
chrIV	13699200	13699350	0.00363	BGGGGGGGGG
chrIV	13699200	13699350	0.00906	BGGGGGGGGG
chrIV	13699200	13699350	0.0449	BGGGGGGGGG
chrIV	13699200	13699350	0.047	BGGGGGGGGG
chrIV	1371360	1371510	0.0334	BGGGGGGGGG
chrIV	1377720	1377870	0.000999	BGGGGGGGGG
chrIV	1377720	1377870	0.00292	BGGGGGGGGG
chrIV	1377720	1377870	0.00906	BGGGGGGGGG
chrIV	1377720	1377870	0.0408	BGGGGGGGGG
chrIV	14390360	14390510	0.000999	BGGGGGGGGG
chrIV	14390360	14390510	0.00363	BGGGGGGGGG
chrIV	14390360	14390510	0.00906	BGGGGGGGGG
chrIV	14390360	14390510	0.0134	BGGGGGGGGG
chrIV	14390360	14390510	0.0373	BGGGGGGGGG
chrIV	14606620	14606770	0.00906	BGGGGGGGGG
chrIV	14606620	14606770	0.047	BGGGGGGGGG
chrIV	14729380	14729530	0.000999	BGGGGGGGGG
chrIV	14729380	14729530	0.00363	BGGGGGGGGG
chrIV	14729380	14729530	0.0176	BGGGGGGGGG
chrIV	14729380	14729530	0.047	BGGGGGGGGG
chrIV	15061420	15061570	0.00906	BGGGGGGGGG
chrIV	15061420	15061570	0.047	BGGGGGGGGG
chrIV	15245460	15245610	0.000999	BGGGGGGGGG
chrIV	15245460	15245610	0.00207	BGGGGGGGGG
chrIV	15245460	15245610	0.0176	BGGGGGGGGG
chrIV	15245460	15245610	0.0449	BGGGGGGGGG
chrIV	15513220	15513370	0.000999	BGGGGGGGGG
chrIV	15513220	15513370	0.00363	BGGGGGGGGG
chrIV	15513220	15513370	0.0176	BGGGGGGGGG
chrIV	15513220	15513370	0.047	BGGGGGGGGG
chrIV	15814460	15814610	0.000999	BGGGGGGGGG
chrIV	15814460	15814610	0.00363	BGGGGGGGGG
chrIV	15814460	15814610	0.00906	BGGGGGGGGG
chrIV	15814460	15814610	0.0233	BGGGGGGGGG
chrIV	16162920	16163070	0.0373	BGGGGGGGGG
chrIV	16385240	16385390	0.0233	BGGGGGGGGG
chrIV	16423240	16423390	0.0281	BGGGGGGGGG
chrIV	16495560	16495710	0.0233	BGGGGGGGGG
chrIV	1657120	1657270	0.0408	BGGGGGGGGG
chrIV	1657120	1657270	0.0449	BGGGGGGGGG
chrIV	16658760	16658910	0.000999	BGGGGGGGGG
chrIV	16658760	16658910	0.00363	BGGGGGGGGG
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chrIV	16658760	16658910	0.0373	BGGGGGGGGG
chrIV	16659560	16659710	0.000999	BGGGGGGGGG
chrIV	16659560	16659710	0.00292	BGGGGGGGGG
chrIV	16659560	16659710	0.00906	BGGGGGGGGG
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chrIV	17166720	17166870	0.00906	BGGGGGGGGG
chrIV	17166720	17166870	0.047	BGGGGGGGGG
chrIV	1738400	1738550	0.000999	BGGGGGGGGG
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chrIV	1766000	1766150	0.00906	BGGGGGGGGG
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chrIV	2417140	2417290	0.0233	BGGGGGGGGG
chrIV	2429180	2429330	0.00906	BGGGGGGGGG
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chrIV	2429180	2429330	0.047	BGGGGGGGGG
chrIV	2475540	2475690	0.000999	BGGGGGGGGG
chrIV	2475540	2475690	0.00292	BGGGGGGGGG
chrIV	2475540	2475690	0.0176	BGGGGGGGGG
chrIV	2475540	2475690	0.0281	BGGGGGGGGG
chrIV	2679260	2679410	0.000999	BGGGGGGGGG
chrIV	2679260	2679410	0.00207	BGGGGGGGGG
chrIV	2679260	2679410	0.00906	BGGGGGGGGG
chrIV	2679260	2679410	0.0134	BGGGGGGGGG
chrIV	2679260	2679410	0.0281	BGGGGGGGGG
chrIV	2679260	2679410	0.0334	BGGGGGGGGG
chrIV	2853880	2854030	0.047	BGGGGGGGGG
chrIV	3277000	3277150	0.0373	BGGGGGGGGG
chrIV	3352220	3352370	0.047	BGGGGGGGGG
chrIV	3497540	3497690	0.000999	BGGGGGGGGG
chrIV	3497540	3497690	0.00363	BGGGGGGGGG
chrIV	3497540	3497690	0.00906	BGGGGGGGGG
chrIV	3497540	3497690	0.047	BGGGGGGGGG
chrIV	3670140	3670290	0.0176	BGGGGGGGGG
chrIV	3670140	3670290	0.0449	BGGGGGGGGG
chrIV	3678800	3678950	0.00363	BGGGGGGGGG
chrIV	3678800	3678950	0.047	BGGGGGGGGG
chrIV	3767880	3768030	0.0373	BGGGGGGGGG
chrIV	376840	376990	0.000999	BGGGGGGGGG
chrIV	376840	376990	0.00363	BGGGGGGGGG
chrIV	376840	376990	0.0176	BGGGGGGGGG
chrIV	376840	376990	0.0233	BGGGGGGGGG
chrIV	3768820	3768970	0.0233	BGGGGGGGGG
chrIV	3852760	3852910	0.00906	BGGGGGGGGG
chrIV	3852760	3852910	0.047	BGGGGGGGGG
chrIV	3898800	3898950	0.000999	BGGGGGGGGG

chrIV	3898800	3898950	0.00363	BGGGGGGGGG
chrIV	3898800	3898950	0.00906	BGGGGGGGGG
chrIV	3898800	3898950	0.047	BGGGGGGGGG
chrIV	4029480	4029630	0.0233	BGGGGGGGGG
chrIV	4674480	4674630	0.000999	BGGGGGGGGG
chrIV	4674480	4674630	0.00363	BGGGGGGGGG
chrIV	4674480	4674630	0.00906	BGGGGGGGGG
chrIV	4674480	4674630	0.0134	BGGGGGGGGG
chrIV	4674480	4674630	0.047	BGGGGGGGGG
chrIV	4675980	4676130	0.000999	BGGGGGGGGG
chrIV	4675980	4676130	0.00363	BGGGGGGGGG
chrIV	4675980	4676130	0.00906	BGGGGGGGGG
chrIV	4675980	4676130	0.0134	BGGGGGGGGG
chrIV	4675980	4676130	0.0233	BGGGGGGGGG
chrIV	4904940	4905090	0.000999	BGGGGGGGGG
chrIV	4904940	4905090	0.00363	BGGGGGGGGG
chrIV	4904940	4905090	0.00906	BGGGGGGGGG
chrIV	4904940	4905090	0.0134	BGGGGGGGGG
chrIV	4904940	4905090	0.0373	BGGGGGGGGG
chrIV	5266340	5266490	0.0233	BGGGGGGGGG
chrIV	5964720	5964870	0.047	BGGGGGGGGG
chrIV	634780	634930	0.0373	BGGGGGGGGG
chrIV	647420	647570	0.0134	BGGGGGGGGG
chrIV	647420	647570	0.0281	BGGGGGGGGG
chrIV	648800	648950	0.000999	BGGGGGGGGG
chrIV	648800	648950	0.00363	BGGGGGGGGG
chrIV	648800	648950	0.00906	BGGGGGGGGG
chrIV	648800	648950	0.0176	BGGGGGGGGG
chrIV	648800	648950	0.047	BGGGGGGGGG
chrIV	70140	70290	0.047	BGGGGGGGGG
chrIV	72900	73050	0.0134	BGGGGGGGGG
chrIV	72900	73050	0.0408	BGGGGGGGGG
chrIV	7845580	7845730	0.0176	BGGGGGGGGG
chrIV	7845580	7845730	0.0334	BGGGGGGGGG
chrIV	8031200	8031350	0.0281	BGGGGGGGGG
chrIV	8629900	8630050	0.047	BGGGGGGGGG
chrIV	8947160	8947310	0.000999	BGGGGGGGGG
chrIV	8947160	8947310	0.00292	BGGGGGGGGG
chrIV	8947160	8947310	0.0176	BGGGGGGGGG
chrIV	8947160	8947310	0.0281	BGGGGGGGGG
chrIV	8948720	8948870	0.000999	BGGGGGGGGG
chrIV	8948720	8948870	0.00363	BGGGGGGGGG
chrIV	8948720	8948870	0.0176	BGGGGGGGGG
chrIV	8948720	8948870	0.047	BGGGGGGGGG
chrIV	9534440	9534590	0.047	BGGGGGGGGG
chrV	10818300	10818450	0.000999	BGGGGGGGGG
chrV	10818300	10818450	0.00207	BGGGGGGGGG

chrV	12423740	12423890	0.047	BGGGGGGGGG
chrV	12538580	12538730	0.0281	BGGGGGGGGG
chrV	13001660	13001810	0.000999	BGGGGGGGGG
chrV	13001660	13001810	0.00363	BGGGGGGGGG
chrV	13001660	13001810	0.00906	BGGGGGGGGG
chrV	13001660	13001810	0.0373	BGGGGGGGGG
chrV	1313320	1313470	0.0176	BGGGGGGGGG
chrV	1313320	1313470	0.0334	BGGGGGGGGG
chrV	1319660	1319810	0.00906	BGGGGGGGGG
chrV	1319660	1319810	0.0373	BGGGGGGGGG
chrV	1320640	1320790	0.00363	BGGGGGGGGG
chrV	1320640	1320790	0.0134	BGGGGGGGGG
chrV	1320640	1320790	0.0373	BGGGGGGGGG
chrV	13231300	13231450	0.00906	BGGGGGGGGG
chrV	13231300	13231450	0.047	BGGGGGGGGG
chrV	13649300	13649450	0.00906	BGGGGGGGGG
chrV	13649300	13649450	0.0373	BGGGGGGGGG
chrV	13649300	13649450	0.047	BGGGGGGGGG
chrV	1372980	1373130	0.000999	BGGGGGGGGG
chrV	1372980	1373130	0.00363	BGGGGGGGGG
chrV	1372980	1373130	0.00906	BGGGGGGGGG
chrV	1372980	1373130	0.047	BGGGGGGGGG
chrV	14368520	14368670	0.000999	BGGGGGGGGG
chrV	14368520	14368670	0.00292	BGGGGGGGGG
chrV	14368520	14368670	0.0176	BGGGGGGGGG
chrV	14368520	14368670	0.0408	BGGGGGGGGG
chrV	14638680	14638830	0.0334	BGGGGGGGGG
chrV	1480840	1480990	0.000999	BGGGGGGGGG
chrV	1480840	1480990	0.00207	BGGGGGGGGG
chrV	1480840	1480990	0.00906	BGGGGGGGGG
chrV	14967760	14967910	0.047	BGGGGGGGGG
chrV	1575760	1575910	0.047	BGGGGGGGGG
chrV	1627360	1627510	0.00906	BGGGGGGGGG
chrV	1627360	1627510	0.047	BGGGGGGGGG
chrV	16904120	16904270	0.000999	BGGGGGGGGG
chrV	16904120	16904270	0.00363	BGGGGGGGGG
chrV	16904120	16904270	0.00906	BGGGGGGGGG
chrV	16904120	16904270	0.0233	BGGGGGGGGG
chrV	17678020	17678170	0.0233	BGGGGGGGGG
chrV	17723260	17723410	0.047	BGGGGGGGGG
chrV	18140	18290	0.0373	BGGGGGGGGG
chrV	18490520	18490670	0.047	BGGGGGGGGG
chrV	18515180	18515330	0.000999	BGGGGGGGGG
chrV	18515180	18515330	0.00292	BGGGGGGGGG
chrV	18515180	18515330	0.0134	BGGGGGGGGG
chrV	18515180	18515330	0.0176	BGGGGGGGGG
chrV	18583880	18584030	0.000999	BGGGGGGGGG

chrV	18583880	18584030	0.00363	BGGGGGGGGG
chrV	18583880	18584030	0.00906	BGGGGGGGGG
chrV	18583880	18584030	0.0233	BGGGGGGGGG
chrV	18669700	18669850	0.000999	BGGGGGGGGG
chrV	18669700	18669850	0.00363	BGGGGGGGGG
chrV	18669700	18669850	0.00906	BGGGGGGGGG
chrV	18669700	18669850	0.0233	BGGGGGGGGG
chrV	19051480	19051630	0.047	BGGGGGGGGG
chrV	19171020	19171170	0.000999	BGGGGGGGGG
chrV	19171020	19171170	0.00207	BGGGGGGGGG
chrV	19171020	19171170	0.00906	BGGGGGGGGG
chrV	19171020	19171170	0.0176	BGGGGGGGGG
chrV	19171020	19171170	0.0334	BGGGGGGGGG
chrV	19394460	19394610	0.0281	BGGGGGGGGG
chrV	19473960	19474110	0.000999	BGGGGGGGGG
chrV	19473960	19474110	0.00363	BGGGGGGGGG
chrV	19473960	19474110	0.00906	BGGGGGGGGG
chrV	19473960	19474110	0.0373	BGGGGGGGGG
chrV	19534360	19534510	0.000999	BGGGGGGGGG
chrV	19534360	19534510	0.00207	BGGGGGGGGG
chrV	19534360	19534510	0.00906	BGGGGGGGGG
chrV	19534360	19534510	0.0176	BGGGGGGGGG
chrV	19742860	19743010	0.00363	BGGGGGGGGG
chrV	19742860	19743010	0.00906	BGGGGGGGGG
chrV	19742860	19743010	0.047	BGGGGGGGGG
chrV	20011240	20011390	0.00906	BGGGGGGGGG
chrV	20011240	20011390	0.0233	BGGGGGGGGG
chrV	20016020	20016170	0.047	BGGGGGGGGG
chrV	20065240	20065390	0.000999	BGGGGGGGGG
chrV	20065240	20065390	0.00207	BGGGGGGGGG
chrV	20065240	20065390	0.00906	BGGGGGGGGG
chrV	20065240	20065390	0.0176	BGGGGGGGGG
chrV	20065240	20065390	0.0449	BGGGGGGGGG
chrV	20122700	20122850	0.000999	BGGGGGGGGG
chrV	20122700	20122850	0.00207	BGGGGGGGGG
chrV	20122700	20122850	0.00906	BGGGGGGGGG
chrV	20122700	20122850	0.0334	BGGGGGGGGG
chrV	20172380	20172530	0.0334	BGGGGGGGGG
chrV	20301460	20301610	0.000999	BGGGGGGGGG
chrV	20301460	20301610	0.00292	BGGGGGGGGG
chrV	20301460	20301610	0.0176	BGGGGGGGGG
chrV	20301460	20301610	0.0408	BGGGGGGGGG
chrV	20424340	20424490	0.0233	BGGGGGGGGG
chrV	20424340	20424490	0.0449	BGGGGGGGGG
chrV	20684520	20684670	0.00906	BGGGGGGGGG
chrV	20684520	20684670	0.0233	BGGGGGGGGG
chrV	20684520	20684670	0.047	BGGGGGGGGG

chrV	20761880	20762030	0.0233	BGGGGGGGGG
chrV	260360	260510	0.000999	BGGGGGGGGG
chrV	260360	260510	0.00363	BGGGGGGGGG
chrV	260360	260510	0.00906	BGGGGGGGGG
chrV	260360	260510	0.0233	BGGGGGGGGG
chrV	3185520	3185670	0.0233	BGGGGGGGGG
chrV	3677300	3677450	0.0334	BGGGGGGGGG
chrV	3704000	3704150	0.0233	BGGGGGGGGG
chrV	4155600	4155750	0.000999	BGGGGGGGGG
chrV	4155600	4155750	0.00207	BGGGGGGGGG
chrV	4155600	4155750	0.00906	BGGGGGGGGG
chrV	4214040	4214190	0.047	BGGGGGGGGG
chrV	4333120	4333270	0.000999	BGGGGGGGGG
chrV	4333120	4333270	0.00207	BGGGGGGGGG
chrV	4333120	4333270	0.0176	BGGGGGGGGG
chrV	4491700	4491850	0.000999	BGGGGGGGGG
chrV	4491700	4491850	0.00363	BGGGGGGGGG
chrV	4491700	4491850	0.0134	BGGGGGGGGG
chrV	4491700	4491850	0.047	BGGGGGGGGG
chrV	4493700	4493850	0.0233	BGGGGGGGGG
chrV	4493700	4493850	0.0334	BGGGGGGGGG
chrV	4968140	4968290	0.0449	BGGGGGGGGG
chrV	5195240	5195390	0.0334	BGGGGGGGGG
chrV	5200140	5200290	0.000999	BGGGGGGGGG
chrV	5200140	5200290	0.00207	BGGGGGGGGG
chrV	5200140	5200290	0.00906	BGGGGGGGGG
chrV	5218080	5218230	0.00906	BGGGGGGGGG
chrV	5218080	5218230	0.0373	BGGGGGGGGG
chrV	5218080	5218230	0.047	BGGGGGGGGG
chrV	5862920	5863070	0.0176	BGGGGGGGGG
chrV	5862920	5863070	0.0449	BGGGGGGGGG
chrV	6545080	6545230	0.0233	BGGGGGGGGG
chrV	7171480	7171630	0.0176	BGGGGGGGGG
chrV	7728340	7728490	0.0134	BGGGGGGGGG
chrV	9571880	9572030	0.047	BGGGGGGGGG
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chrX	10691360	10691510	0.000999	BGGGGGGGGG
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chrX	11110900	11111050	0.047	BGGGGGGGGG
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chrX	16483980	16484130	0.000999	BGGGGGGGGG
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chrX	16525740	16525890	0.000999	BGGGGGGGGG
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chrX	16778580	16778730	0.000999	BGGGGGGGGG
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chrX	279380	279530	0.000999	BGGGGGGGGG
chrX	279380	279530	0.00207	BGGGGGGGGG
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chrX	3156360	3156510	0.047	BGGGGGGGGG
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chrX	3472900	3473050	0.00207	BGGGGGGGGG
chrX	3472900	3473050	0.00906	BGGGGGGGGG
chrX	3472900	3473050	0.0176	BGGGGGGGGG
chrX	3472900	3473050	0.0334	BGGGGGGGGG
chrX	3507880	3508030	0.0334	BGGGGGGGGG
chrX	3638340	3638490	0.047	BGGGGGGGGG
chrX	3796660	3796810	0.00363	BGGGGGGGGG
chrX	3796660	3796810	0.00906	BGGGGGGGGG
chrX	3796660	3796810	0.0233	BGGGGGGGGG
chrX	3837340	3837490	0.000999	BGGGGGGGGG
chrX	3837340	3837490	0.00363	BGGGGGGGGG
chrX	3837340	3837490	0.00906	BGGGGGGGGG
chrX	3837340	3837490	0.047	BGGGGGGGGG
chrX	3900640	3900790	0.000999	BGGGGGGGGG
chrX	3900640	3900790	0.00292	BGGGGGGGGG
chrX	3900640	3900790	0.0134	BGGGGGGGGG
chrX	3900640	3900790	0.0281	BGGGGGGGGG
chrX	3995400	3995550	0.0134	BGGGGGGGGG
chrX	3995400	3995550	0.0281	BGGGGGGGGG
chrX	4074340	4074490	0.000999	BGGGGGGGGG
chrX	4074340	4074490	0.00292	BGGGGGGGGG
chrX	4074340	4074490	0.0134	BGGGGGGGGG
chrX	4171460	4171610	0.000999	BGGGGGGGGG
chrX	4171460	4171610	0.00207	BGGGGGGGGG
chrX	4171460	4171610	0.00906	BGGGGGGGGG
chrX	4171460	4171610	0.0176	BGGGGGGGGG
chrX	4171460	4171610	0.0334	BGGGGGGGGG
chrX	4219180	4219330	0.000999	BGGGGGGGGG
chrX	4219180	4219330	0.00363	BGGGGGGGGG
chrX	4219180	4219330	0.00906	BGGGGGGGGG
chrX	4219180	4219330	0.0176	BGGGGGGGGG
chrX	4219180	4219330	0.047	BGGGGGGGGG
chrX	4224540	4224690	0.000999	BGGGGGGGGG
chrX	4224540	4224690	0.00207	BGGGGGGGGG
chrX	4224540	4224690	0.0176	BGGGGGGGGG
chrX	4224540	4224690	0.0449	BGGGGGGGGG
chrX	434360	434510	0.00363	BGGGGGGGGG
chrX	434360	434510	0.00906	BGGGGGGGGG

chrX	434360	434510	0.0233	BGGGGGGGGG
chrX	435480	435630	0.000999	BGGGGGGGGG
chrX	435480	435630	0.00363	BGGGGGGGGG
chrX	435480	435630	0.00906	BGGGGGGGGG
chrX	435480	435630	0.047	BGGGGGGGGG
chrX	4385240	4385390	0.000999	BGGGGGGGGG
chrX	4385240	4385390	0.00906	BGGGGGGGGG
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chrX	4419380	4419530	0.00207	BGGGGGGGGG
chrX	4419380	4419530	0.0134	BGGGGGGGGG
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chrX	4419380	4419530	0.0334	BGGGGGGGGG
chrX	4606320	4606470	0.047	BGGGGGGGGG
chrX	4699780	4699930	0.00906	BGGGGGGGGG
chrX	4699780	4699930	0.047	BGGGGGGGGG
chrX	4702280	4702430	0.000999	BGGGGGGGGG
chrX	4702280	4702430	0.00207	BGGGGGGGGG
chrX	4702280	4702430	0.00906	BGGGGGGGGG
chrX	4702280	4702430	0.0176	BGGGGGGGGG
chrX	4702280	4702430	0.0334	BGGGGGGGGG
chrX	4762980	4763130	0.00906	BGGGGGGGGG
chrX	4762980	4763130	0.047	BGGGGGGGGG
chrX	4813140	4813290	0.0334	BGGGGGGGGG
chrX	4899820	4899970	0.000999	BGGGGGGGGG
chrX	4899820	4899970	0.00363	BGGGGGGGGG
chrX	4899820	4899970	0.00906	BGGGGGGGGG
chrX	4899820	4899970	0.0176	BGGGGGGGGG
chrX	4899820	4899970	0.047	BGGGGGGGGG
chrX	4917520	4917670	0.0373	BGGGGGGGGG
chrX	4959260	4959410	0.000999	BGGGGGGGGG
chrX	4959260	4959410	0.00363	BGGGGGGGGG
chrX	4959260	4959410	0.00906	BGGGGGGGGG
chrX	4959260	4959410	0.0233	BGGGGGGGGG
chrX	5099900	5100050	0.047	BGGGGGGGGG
chrX	5562640	5562790	0.047	BGGGGGGGGG
chrX	5661400	5661550	0.0233	BGGGGGGGGG
chrX	5661400	5661550	0.0334	BGGGGGGGGG
chrX	5701600	5701750	0.0408	BGGGGGGGGG
chrX	5814160	5814310	0.000999	BGGGGGGGGG
chrX	5814160	5814310	0.00363	BGGGGGGGGG
chrX	5814160	5814310	0.00906	BGGGGGGGGG
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chrX	590720	590870	0.000999	BGGGGGGGGG
chrX	590720	590870	0.00292	BGGGGGGGGG
chrX	590720	590870	0.0134	BGGGGGGGGG
chrX	590720	590870	0.0281	BGGGGGGGGG
chrX	6028820	6028970	0.00906	BGGGGGGGGG

chrX	6028820	6028970	0.047	BGGGGGGGGG
chrX	6040860	6041150	0.000999	BGGGGGGGGG
chrX	6040860	6041150	0.00292	BGGGGGGGGG
chrX	6040860	6041150	0.0134	BGGGGGGGGG
chrX	6040860	6041150	0.0176	BGGGGGGGGG
chrX	6040860	6041150	0.0281	BGGGGGGGGG
chrX	6155400	6155550	0.000999	BGGGGGGGGG
chrX	6155400	6155550	0.00207	BGGGGGGGGG
chrX	6155400	6155550	0.0176	BGGGGGGGGG
chrX	6166560	6166770	0.000999	BGGGGGGGGG
chrX	6166560	6166770	0.00207	BGGGGGGGGG
chrX	6166560	6166770	0.00906	BGGGGGGGGG
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chrX	621800	621950	0.00363	BGGGGGGGGG
chrX	621800	621950	0.00906	BGGGGGGGGG
chrX	621800	621950	0.0134	BGGGGGGGGG
chrX	621800	621950	0.0373	BGGGGGGGGG
chrX	6247600	6247750	0.000999	BGGGGGGGGG
chrX	6247600	6247750	0.00363	BGGGGGGGGG
chrX	6247600	6247750	0.00906	BGGGGGGGGG
chrX	6247600	6247750	0.0176	BGGGGGGGGG
chrX	6247600	6247750	0.047	BGGGGGGGGG
chrX	6487140	6487290	0.00906	BGGGGGGGGG
chrX	6487140	6487290	0.0233	BGGGGGGGGG
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chrX	6912020	6912170	0.000999	BGGGGGGGGG
chrX	6912020	6912170	0.00363	BGGGGGGGGG
chrX	6912020	6912170	0.00906	BGGGGGGGGG
chrX	6912020	6912170	0.0134	BGGGGGGGGG
chrX	6912020	6912170	0.0233	BGGGGGGGGG
chrX	6958940	6959090	0.00906	BGGGGGGGGG
chrX	6958940	6959090	0.047	BGGGGGGGGG
chrX	7280960	7281110	0.0176	BGGGGGGGGG
chrX	7299500	7299650	0.0176	BGGGGGGGGG
chrX	7299500	7299650	0.0449	BGGGGGGGGG
chrX	7534640	7534790	0.047	BGGGGGGGGG
chrX	8400300	8400450	0.000999	BGGGGGGGGG
chrX	8400300	8400450	0.00292	BGGGGGGGGG
chrX	8400300	8400450	0.0134	BGGGGGGGGG
chrX	857800	857950	0.00906	BGGGGGGGGG
chrX	857800	857950	0.0373	BGGGGGGGGG
chrX	8769940	8770090	0.000999	BGGGGGGGGG
chrX	8769940	8770090	0.00363	BGGGGGGGGG
chrX	8769940	8770090	0.00906	BGGGGGGGGG
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chrX	8892360	8892510	0.00906	BGGGGGGGGG
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chrX	8952080	8952230	0.0281	BGGGGGGGGG
chrX	908140	908290	0.0408	BGGGGGGGGG
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chrI	10014260	10014410	0.0309	CACACARAC
chrI	10235200	10235350	0.0309	CACACARAC
chrI	10497980	10498130	0.0309	CACACARAC
chrI	10540580	10540730	0.0309	CACACARAC
chrI	10822520	10822670	0.0309	CACACARAC
chrI	10866600	10866750	0.0309	CACACARAC
chrI	11200380	11200530	0.0309	CACACARAC
chrI	11200380	11200530	0.0388	CACACARAC
chrI	11205540	11205690	0.0309	CACACARAC
chrI	11501140	11501290	0.0309	CACACARAC
chrI	11559300	11559450	0.0309	CACACARAC
chrI	12225220	12225370	0.0309	CACACARAC
chrI	12574120	12574270	0.0309	CACACARAC
chrI	12574120	12574270	0.0388	CACACARAC
chrI	12920780	12920930	0.0309	CACACARAC
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chrI	13501000	13501150	0.0309	CACACARAC
chrI	14511620	14511770	0.0309	CACACARAC
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chrI	14845760	14845910	0.0309	CACACARAC
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chrI	2125240	2125390	0.0309	CACACARAC
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chrI	275780	275930	0.0309	CACACARAC
chrI	278160	278310	0.0309	CACACARAC
chrI	2835860	2836010	0.0309	CACACARAC
chrI	2857700	2857850	0.0309	CACACARAC
chrI	3404260	3404410	0.0309	CACACARAC
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chrI	4218380	4218530	0.0309	CACACARAC
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chrI	524540	524690	0.0309	CACACARAC
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chrI	7709100	7709250	0.0309	CACACARAC
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chrI	9122360	9122510	0.0309	CACACARAC
chrI	9167280	9167430	0.0309	CACACARAC
chrI	9307640	9307790	0.0309	CACACARAC
chrI	9331720	9331870	0.0309	CACACARAC
chrI	9732660	9732810	0.0309	CACACARAC
chrI	9753180	9753330	0.0388	CACACARAC
chrI	9790820	9790970	0.0309	CACACARAC
chrI	9915080	9915230	0.0309	CACACARAC
chrI	9917160	9917310	0.0388	CACACARAC
chrI	9939600	9939750	0.0309	CACACARAC
chrII	10074760	10074910	0.0309	CACACARAC
chrII	10079800	10079950	0.0309	CACACARAC
chrII	10281960	10282110	0.0309	CACACARAC
chrII	10373520	10373670	0.0388	CACACARAC
chrII	10382940	10383090	0.0309	CACACARAC
chrII	10433340	10433490	0.0309	CACACARAC
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chrII	10804600	10804750	0.0309	CACACARAC
chrII	11221840	11221990	0.0309	CACACARAC
chrII	11351780	11351930	0.0309	CACACARAC
chrII	1135200	1135350	0.0309	CACACARAC
chrII	1162640	1162790	0.0309	CACACARAC
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chrII	11938760	11938910	0.0309	CACACARAC
chrII	12503580	12503730	0.0309	CACACARAC
chrII	12665160	12665310	0.0309	CACACARAC
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chrII	13029160	13029310	0.0388	CACACARAC
chrII	13077920	13078190	0.0309	CACACARAC
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chrII	13351940	13352090	0.0309	CACACARAC
chrII	134040	134190	0.0388	CACACARAC
chrII	13936000	13936150	0.0309	CACACARAC
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chrII	14244560	14244710	0.0309	CACACARAC
chrII	14273740	14273890	0.0309	CACACARAC
chrII	14468740	14468890	0.0309	CACACARAC
chrII	14572540	14572690	0.0388	CACACARAC
chrII	14674440	14674590	0.0309	CACACARAC
chrII	15074840	15074990	0.0309	CACACARAC
chrII	15255880	15256030	0.0388	CACACARAC
chrII	158440	158590	0.0309	CACACARAC
chrII	1658320	1658470	0.0309	CACACARAC
chrII	263640	263790	0.0309	CACACARAC
chrII	2854940	2855090	0.0309	CACACARAC
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chrII	334120	334270	0.0309	CACACARAC
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chrII	4389480	4389630	0.0309	CACACARAC
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chrII	5257220	5257370	0.0309	CACACARAC
chrII	5264440	5264590	0.0309	CACACARAC
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chrII	6028680	6028830	0.0309	CACACARAC
chrII	626020	626170	0.0309	CACACARAC
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chrII	9208880	9209030	0.0388	CACACARAC
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chrII	9273360	9273510	0.0388	CACACARAC
chrII	9281620	9281770	0.0309	CACACARAC
chrII	9284560	9284710	0.0309	CACACARAC
chrII	9480700	9480850	0.0309	CACACARAC
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chrIII	10518660	10518810	0.0309	CACACARAC
chrIII	10584580	10584730	0.0309	CACACARAC
chrIII	10634600	10634750	0.0309	CACACARAC
chrIII	11251780	11251930	0.0309	CACACARAC
chrIII	11947520	11947670	0.0309	CACACARAC
chrIII	12006140	12006290	0.0309	CACACARAC
chrIII	12009740	12009890	0.0309	CACACARAC
chrIII	12090280	12090430	0.0309	CACACARAC
chrIII	12100680	12100830	0.0309	CACACARAC
chrIII	12132500	12132650	0.0309	CACACARAC
chrIII	12148180	12148330	0.0309	CACACARAC
chrIII	12583480	12583630	0.0309	CACACARAC
chrIII	12860040	12860190	0.0309	CACACARAC
chrIII	12894200	12894350	0.0309	CACACARAC
chrIII	13600660	13600810	0.0309	CACACARAC
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chrIII	1682340	1682490	0.0309	CACACARAC
chrIII	1854100	1854250	0.0309	CACACARAC
chrIII	2077500	2077650	0.0309	CACACARAC
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chrIII	3677440	3677590	0.0309	CACACARAC
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chrIII	3993960	3994110	0.0309	CACACARAC
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chrIII	5085600	5085750	0.0309	CACACARAC
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chrIII	5437500	5437650	0.0309	CACACARAC
chrIII	5524860	5525010	0.0309	CACACARAC
chrIII	5688340	5688490	0.0309	CACACARAC
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chrIII	6741160	6741310	0.0388	CACACARAC
chrIII	6985140	6985290	0.0388	CACACARAC
chrIII	7291160	7291310	0.0309	CACACARAC
chrIII	7570440	7570590	0.0388	CACACARAC
chrIII	7847020	7847170	0.0309	CACACARAC
chrIII	8127000	8127150	0.0309	CACACARAC
chrIII	8211680	8211830	0.0309	CACACARAC
chrIII	8425200	8425350	0.0309	CACACARAC
chrIII	8658520	8658670	0.0309	CACACARAC
chrIII	8842420	8842570	0.0309	CACACARAC
chrIII	8983040	8983190	0.0309	CACACARAC
chrIII	9133640	9133790	0.0309	CACACARAC
chrIII	9346140	9346290	0.0388	CACACARAC
chrIII	958840	958990	0.0309	CACACARAC
chrIII	9643520	9643670	0.0309	CACACARAC
chrIII	9645060	9645210	0.0388	CACACARAC
chrIII	9744500	9744650	0.0309	CACACARAC
chrIII	9744500	9744650	0.0388	CACACARAC
chrIII	9873680	9873830	0.0309	CACACARAC
chrIV	10063660	10063810	0.0309	CACACARAC
chrIV	10175080	10175230	0.0309	CACACARAC
chrIV	1044320	1044470	0.0309	CACACARAC
chrIV	10574660	10574810	0.0309	CACACARAC
chrIV	11167100	11167250	0.0388	CACACARAC
chrIV	11700420	11700570	0.0309	CACACARAC
chrIV	1216000	1216150	0.0309	CACACARAC
chrIV	1224860	1225010	0.0388	CACACARAC
chrIV	12467940	12468090	0.0309	CACACARAC
chrIV	12733460	12733610	0.0309	CACACARAC
chrIV	13002140	13002290	0.0309	CACACARAC
chrIV	13169540	13169690	0.0309	CACACARAC
chrIV	13219620	13219770	0.0309	CACACARAC

chrIV	1363100	1363250	0.0309	CACACARAC
chrIV	13877800	13877950	0.0309	CACACARAC
chrIV	1420240	1420390	0.0309	CACACARAC
chrIV	14260940	14261090	0.0309	CACACARAC
chrIV	14267280	14267430	0.0309	CACACARAC
chrIV	14449260	14449410	0.0309	CACACARAC
chrIV	14449260	14449410	0.0388	CACACARAC
chrIV	14470040	14470190	0.0309	CACACARAC
chrIV	14507040	14507190	0.0309	CACACARAC
chrIV	14594340	14594490	0.0309	CACACARAC
chrIV	14605200	14605350	0.0309	CACACARAC
chrIV	14675840	14675990	0.0309	CACACARAC
chrIV	152620	152770	0.0309	CACACARAC
chrIV	1538900	1539050	0.0309	CACACARAC
chrIV	15814080	15814230	0.0309	CACACARAC
chrIV	17175820	17175970	0.0388	CACACARAC
chrIV	1797300	1797450	0.0309	CACACARAC
chrIV	1895140	1895290	0.0388	CACACARAC
chrIV	1901120	1901270	0.0309	CACACARAC
chrIV	2061800	2061950	0.0309	CACACARAC
chrIV	2072880	2073030	0.0309	CACACARAC
chrIV	2083280	2083430	0.0309	CACACARAC
chrIV	2173060	2173210	0.0309	CACACARAC
chrIV	2173060	2173210	0.0388	CACACARAC
chrIV	2217260	2217410	0.0309	CACACARAC
chrIV	2417140	2417290	0.0309	CACACARAC
chrIV	2728260	2728410	0.0309	CACACARAC
chrIV	2940400	2940550	0.0309	CACACARAC
chrIV	3030060	3030210	0.0309	CACACARAC
chrIV	3256020	3256170	0.0309	CACACARAC
chrIV	3768820	3768970	0.0388	CACACARAC
chrIV	3824860	3825010	0.0309	CACACARAC
chrIV	3844080	3844230	0.0388	CACACARAC
chrIV	3845800	3845950	0.0309	CACACARAC
chrIV	3847460	3847610	0.0309	CACACARAC
chrIV	4052400	4052550	0.0309	CACACARAC
chrIV	4407300	4407450	0.0309	CACACARAC
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chrIV	6129320	6129470	0.0309	CACACARAC
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chrIV	826560	826710	0.0309	CACACARAC
chrIV	8281540	8281690	0.0309	CACACARAC
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chrIV	8794100	8794250	0.0309	CACACARAC
chrIV	8920440	8920590	0.0388	CACACARAC
chrIV	922300	922450	0.0309	CACACARAC
chrIV	9269040	9269190	0.0388	CACACARAC
chrIV	9425780	9425930	0.0309	CACACARAC
chrIV	9458460	9458610	0.0309	CACACARAC
chrIV	9538360	9538510	0.0388	CACACARAC
chrIV	9718540	9718690	0.0309	CACACARAC
chrIV	9906520	9906670	0.0309	CACACARAC
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chrV	10706120	10706270	0.0309	CACACARAC
chrV	1140380	1140530	0.0309	CACACARAC
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chrV	12357740	12357890	0.0309	CACACARAC
chrV	12540540	12540690	0.0309	CACACARAC
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chrV	13253180	13253330	0.0309	CACACARAC
chrV	13656640	13656790	0.0309	CACACARAC
chrV	14368520	14368670	0.0309	CACACARAC
chrV	14491180	14491330	0.0309	CACACARAC
chrV	14503200	14503350	0.0309	CACACARAC
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chrV	14620520	14620670	0.0388	CACACARAC
chrV	14638680	14638830	0.0309	CACACARAC
chrV	1474000	1474150	0.0309	CACACARAC
chrV	14850620	14850770	0.0309	CACACARAC
chrV	14932900	14933050	0.0309	CACACARAC
chrV	14932900	14933050	0.0388	CACACARAC
chrV	15169260	15169410	0.0309	CACACARAC
chrV	15664080	15664230	0.0309	CACACARAC
chrV	16351040	16351190	0.0309	CACACARAC
chrV	16814960	16815110	0.0309	CACACARAC

chrV	17412800	17412950	0.0309	CACACARAC
chrV	17786480	17786630	0.0309	CACACARAC
chrV	18583880	18584030	0.0309	CACACARAC
chrV	1885200	1885350	0.0309	CACACARAC
chrV	19055240	19055390	0.0388	CACACARAC
chrV	19125800	19125950	0.0309	CACACARAC
chrV	19285920	19286070	0.0309	CACACARAC
chrV	1934360	1934510	0.0309	CACACARAC
chrV	19473960	19474110	0.0309	CACACARAC
chrV	19499600	19499750	0.0309	CACACARAC
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chrV	20418840	20418990	0.0309	CACACARAC
chrV	20662640	20662790	0.0309	CACACARAC
chrV	20666580	20666730	0.0309	CACACARAC
chrV	20710720	20710870	0.0309	CACACARAC
chrV	2681380	2681530	0.0309	CACACARAC
chrV	2681380	2681530	0.0388	CACACARAC
chrV	2966980	2967130	0.0309	CACACARAC
chrV	3677300	3677450	0.0309	CACACARAC
chrV	4775380	4775530	0.0309	CACACARAC
chrV	4968140	4968290	0.0388	CACACARAC
chrV	5288900	5289050	0.0388	CACACARAC
chrV	5296200	5296350	0.0309	CACACARAC
chrV	5298300	5298450	0.0309	CACACARAC
chrV	5299240	5299390	0.0309	CACACARAC
chrV	5572000	5572150	0.0309	CACACARAC
chrV	5746340	5746490	0.0309	CACACARAC
chrV	5918660	5918810	0.0309	CACACARAC
chrV	6234160	6234310	0.0309	CACACARAC
chrV	6571220	6571370	0.0309	CACACARAC
chrV	6658860	6659010	0.0309	CACACARAC
chrV	6672640	6672790	0.0309	CACACARAC
chrV	6699920	6700070	0.0309	CACACARAC
chrV	6726580	6726730	0.0309	CACACARAC
chrV	6738780	6738930	0.0309	CACACARAC
chrV	6795740	6795890	0.0309	CACACARAC
chrV	6857620	6857770	0.0309	CACACARAC
chrV	7819800	7819950	0.0388	CACACARAC
chrV	7909320	7909470	0.0309	CACACARAC
chrV	7978840	7978990	0.0309	CACACARAC
chrV	8170660	8170810	0.0309	CACACARAC
chrV	8286600	8286750	0.0309	CACACARAC
chrV	8450560	8450710	0.0309	CACACARAC
chrV	8767320	8767470	0.0388	CACACARAC

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chrV	9247520	9247670	0.0309	CACACARAC
chrV	9295760	9295910	0.0309	CACACARAC
chrV	9361540	9361690	0.0309	CACACARAC
chrV	9664740	9664890	0.0309	CACACARAC
chrX	10162860	10163010	0.0309	CACACARAC
chrX	10163800	10163950	0.0309	CACACARAC
chrX	10392240	10392390	0.0309	CACACARAC
chrX	10568560	10568710	0.0388	CACACARAC
chrX	1081940	1082090	0.0309	CACACARAC
chrX	10935880	10936030	0.0309	CACACARAC
chrX	11191940	11192090	0.0309	CACACARAC
chrX	11248120	11248270	0.0309	CACACARAC
chrX	11547780	11547930	0.0388	CACACARAC
chrX	11598860	11599010	0.0309	CACACARAC
chrX	11665300	11665450	0.0309	CACACARAC
chrX	11665300	11665450	0.0388	CACACARAC
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chrX	12690360	12690510	0.0309	CACACARAC
chrX	12828020	12828170	0.0388	CACACARAC
chrX	12840580	12840730	0.0309	CACACARAC
chrX	12904360	12904510	0.0309	CACACARAC
chrX	12904360	12904510	0.0388	CACACARAC
chrX	1319900	1320050	0.0309	CACACARAC
chrX	13199840	13199990	0.0309	CACACARAC
chrX	13574200	13574350	0.0309	CACACARAC
chrX	13657440	13657590	0.0388	CACACARAC
chrX	13739580	13739730	0.0388	CACACARAC
chrX	1383660	1383810	0.0309	CACACARAC
chrX	13945600	13945750	0.0309	CACACARAC
chrX	13958600	13958750	0.0309	CACACARAC
chrX	13973880	13974030	0.0309	CACACARAC
chrX	14024620	14024770	0.0309	CACACARAC
chrX	14032160	14032310	0.0309	CACACARAC
chrX	14342000	14342150	0.0309	CACACARAC
chrX	14367180	14367330	0.0309	CACACARAC
chrX	14458980	14459130	0.0309	CACACARAC
chrX	14506020	14506170	0.0309	CACACARAC
chrX	14506020	14506170	0.0388	CACACARAC
chrX	14719980	14720130	0.0309	CACACARAC
chrX	15307900	15308050	0.0309	CACACARAC
chrX	1532080	1532230	0.0309	CACACARAC
chrX	15327300	15327450	0.0309	CACACARAC
chrX	15335140	15335290	0.0309	CACACARAC
chrX	15340380	15340530	0.0309	CACACARAC
chrX	15365300	15365450	0.0309	CACACARAC

chrX	15433160	15433310	0.0309	CACACARAC
chrX	15553080	15553230	0.0388	CACACARAC
chrX	15680180	15680330	0.0309	CACACARAC
chrX	15791980	15792130	0.0388	CACACARAC
chrX	16098120	16098270	0.0309	CACACARAC
chrX	16098120	16098270	0.0388	CACACARAC
chrX	16133860	16134010	0.0309	CACACARAC
chrX	16147660	16147810	0.0309	CACACARAC
chrX	16147660	16147810	0.0388	CACACARAC
chrX	16156940	16157090	0.0309	CACACARAC
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chrX	16486840	16486990	0.0309	CACACARAC
chrX	16564520	16564670	0.0309	CACACARAC
chrX	16566380	16566530	0.0309	CACACARAC
chrX	16612340	16612490	0.0309	CACACARAC
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chrX	16821760	16821910	0.0388	CACACARAC
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chrX	17203520	17203670	0.0309	CACACARAC
chrX	17236260	17236410	0.0309	CACACARAC
chrX	17246900	17247050	0.0309	CACACARAC
chrX	17317140	17317290	0.0309	CACACARAC
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chrX	2142240	2142390	0.0309	CACACARAC
chrX	2151400	2151550	0.0309	CACACARAC
chrX	2210400	2210550	0.0309	CACACARAC
chrX	2212400	2212550	0.0388	CACACARAC
chrX	2288000	2288150	0.0309	CACACARAC
chrX	2291280	2291430	0.0309	CACACARAC
chrX	2328840	2328990	0.0309	CACACARAC
chrX	2353520	2353670	0.0309	CACACARAC
chrX	2355080	2355230	0.0388	CACACARAC
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chrX	2885400	2885550	0.0388	CACACARAC
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chrX	2901200	2901350	0.0388	CACACARAC
chrX	2924320	2924470	0.0309	CACACARAC
chrX	3023960	3024110	0.0309	CACACARAC
chrX	3067140	3067290	0.0309	CACACARAC
chrX	3200780	3200930	0.0309	CACACARAC
chrX	3329280	3329430	0.0309	CACACARAC

chrX	3331300	3331450	0.0388	CACACARAC
chrX	3430920	3431070	0.0309	CACACARAC
chrX	3469600	3469750	0.0309	CACACARAC
chrX	3472320	3472470	0.0309	CACACARAC
chrX	3835800	3835950	0.0388	CACACARAC
chrX	3898800	3898950	0.0309	CACACARAC
chrX	3985680	3985830	0.0309	CACACARAC
chrX	4132340	4132490	0.0309	CACACARAC
chrX	4160240	4160390	0.0309	CACACARAC
chrX	4222400	4222550	0.0309	CACACARAC
chrX	4375600	4375750	0.0309	CACACARAC
chrX	4375600	4375750	0.0388	CACACARAC
chrX	4385080	4385230	0.0309	CACACARAC
chrX	4388300	4388450	0.0309	CACACARAC
chrX	4450000	4450150	0.0309	CACACARAC
chrX	4576380	4576530	0.0309	CACACARAC
chrX	4606320	4606470	0.0309	CACACARAC
chrX	4731080	4731230	0.0309	CACACARAC
chrX	4731080	4731230	0.0388	CACACARAC
chrX	4762980	4763130	0.0309	CACACARAC
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chrX	5182780	5182930	0.0309	CACACARAC
chrX	5475180	5475330	0.0309	CACACARAC
chrX	5658080	5658230	0.0309	CACACARAC
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chrX	6151360	6151510	0.0388	CACACARAC
chrX	625260	625410	0.0309	CACACARAC
chrX	6254320	6254470	0.0388	CACACARAC
chrX	6349540	6349690	0.0309	CACACARAC
chrX	6349540	6349690	0.0388	CACACARAC
chrX	637980	638130	0.0309	CACACARAC
chrX	6402720	6402870	0.0309	CACACARAC
chrX	667920	668070	0.0309	CACACARAC
chrX	6736560	6736710	0.0309	CACACARAC
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chrX	7332940	7333090	0.0388	CACACARAC
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chrX	8308500	8308650	0.0309	CACACARAC
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chrX	8464120	8464270	0.0309	CACACARAC
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chrX	932900	933050	0.0309	CACACARAC
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chrI	1100640	1100790	0.048	CCCCCWCC
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chrI	11204600	11204750	0.048	CCCCCWCC
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chrI	11298100	11298250	0.048	CCCCCWCC
chrI	11446420	11446570	0.048	CCCCCWCC
chrI	11501140	11501290	0.048	CCCCCWCC
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chrI	12043440	12043590	0.048	CCCCCWCC
chrI	12325700	12325850	0.048	CCCCCWCC
chrI	123940	124090	0.048	CCCCCWCC
chrI	12481120	12481270	0.048	CCCCCWCC
chrI	1271060	1271210	0.048	CCCCCWCC
chrI	12771580	12771730	0.048	CCCCCWCC
chrI	13498980	13499130	0.048	CCCCCWCC
chrI	13547320	13547470	0.048	CCCCCWCC
chrI	13650800	13650950	0.048	CCCCCWCC
chrI	13982700	13982850	0.048	CCCCCWCC
chrI	14147740	14147890	0.048	CCCCCWCC
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chrI	14179700	14179850	0.048	CCCCCWCC
chrI	14212900	14213050	0.048	CCCCCWCC
chrI	14248860	14249010	0.048	CCCCCWCC
chrI	14344220	14344370	0.048	CCCCCWCC
chrI	14346740	14346890	0.048	CCCCCWCC

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chrI	14526720	14526870	0.048	CCCCCWCC
chrI	14804960	14805110	0.048	CCCCCWCC
chrI	159060	159210	0.048	CCCCCWCC
chrI	2211820	2211970	0.048	CCCCCWCC
chrI	2695540	2695690	0.048	CCCCCWCC
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chrI	2745940	2746090	0.048	CCCCCWCC
chrI	2958740	2958890	0.048	CCCCCWCC
chrI	2970900	2971050	0.048	CCCCCWCC
chrI	2976320	2976470	0.048	CCCCCWCC
chrI	316660	316810	0.048	CCCCCWCC
chrI	3313240	3313390	0.048	CCCCCWCC
chrI	35400	35550	0.048	CCCCCWCC
chrI	3916760	3916910	0.048	CCCCCWCC
chrI	4317240	4317390	0.048	CCCCCWCC
chrI	438100	438250	0.048	CCCCCWCC
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chrI	5294540	5294690	0.048	CCCCCWCC
chrI	6770060	6770210	0.048	CCCCCWCC
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chrX	3225080	3225230	0.048	CCCCCWCC
chrX	3314080	3314230	0.048	CCCCCWCC
chrX	3469600	3469750	0.048	CCCCCWCC
chrX	3472900	3473050	0.048	CCCCCWCC
chrX	3506960	3507110	0.048	CCCCCWCC
chrX	3507880	3508030	0.048	CCCCCWCC
chrX	3618940	3619090	0.048	CCCCCWCC
chrX	3796660	3796810	0.048	CCCCCWCC
chrX	3837340	3837490	0.048	CCCCCWCC
chrX	3900640	3900790	0.048	CCCCCWCC
chrX	3956840	3956990	0.048	CCCCCWCC
chrX	4074340	4074490	0.048	CCCCCWCC
chrX	4089200	4089350	0.048	CCCCCWCC
chrX	4160240	4160390	0.048	CCCCCWCC
chrX	4171460	4171610	0.048	CCCCCWCC
chrX	4219180	4219330	0.048	CCCCCWCC
chrX	4224540	4224690	0.048	CCCCCWCC

chrX	4225280	4225430	0.048	CCCCCWCC
chrX	434360	434510	0.048	CCCCCWCC
chrX	435480	435630	0.048	CCCCCWCC
chrX	4383960	4384110	0.048	CCCCCWCC
chrX	4385240	4385390	0.048	CCCCCWCC
chrX	4419380	4419530	0.048	CCCCCWCC
chrX	4554080	4554230	0.048	CCCCCWCC
chrX	4606320	4606470	0.048	CCCCCWCC
chrX	4699780	4699930	0.048	CCCCCWCC
chrX	4702280	4702430	0.048	CCCCCWCC
chrX	4762980	4763130	0.048	CCCCCWCC
chrX	4899820	4899970	0.048	CCCCCWCC
chrX	4917520	4917670	0.048	CCCCCWCC
chrX	4938880	4939030	0.048	CCCCCWCC
chrX	4959260	4959410	0.048	CCCCCWCC
chrX	5099900	5100050	0.048	CCCCCWCC
chrX	5466420	5466570	0.048	CCCCCWCC
chrX	5518540	5518690	0.048	CCCCCWCC
chrX	5659640	5659790	0.048	CCCCCWCC
chrX	5661400	5661550	0.048	CCCCCWCC
chrX	5701600	5701750	0.048	CCCCCWCC
chrX	5711060	5711210	0.048	CCCCCWCC
chrX	5773600	5773750	0.048	CCCCCWCC
chrX	5814160	5814310	0.048	CCCCCWCC
chrX	5816280	5816430	0.048	CCCCCWCC
chrX	590720	590870	0.048	CCCCCWCC
chrX	6028820	6028970	0.048	CCCCCWCC
chrX	6040860	6041150	0.048	CCCCCWCC
chrX	6155400	6155550	0.048	CCCCCWCC
chrX	6166560	6166770	0.048	CCCCCWCC
chrX	621800	621950	0.048	CCCCCWCC
chrX	6247600	6247750	0.048	CCCCCWCC
chrX	6487140	6487290	0.048	CCCCCWCC
chrX	6516440	6516590	0.048	CCCCCWCC
chrX	6551280	6551430	0.048	CCCCCWCC
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chrX	6912020	6912170	0.048	CCCCCWCC
chrX	6958940	6959090	0.048	CCCCCWCC
chrX	6962500	6962650	0.048	CCCCCWCC
chrX	714540	714690	0.048	CCCCCWCC
chrX	7217280	7217430	0.048	CCCCCWCC
chrX	7280960	7281110	0.048	CCCCCWCC
chrX	8400300	8400450	0.048	CCCCCWCC
chrX	857800	857950	0.048	CCCCCWCC
chrX	8769940	8770090	0.048	CCCCCWCC
chrX	8892360	8892510	0.048	CCCCCWCC
chrX	8905240	8905390	0.048	CCCCCWCC

chrX	9067160	9067310	0.048 CCCCCWCC
chrX	9301860	9302010	0.048 CCCCCWCC
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chrI	1790960	1791110	0.0421 CRCAATTTTGA
chrI	2209940	2210090	0.0421 CRCAATTTTGA
chrI	2211040	2211190	0.0421 CRCAATTTTGA
chrI	95720	95870	0.0421 CRCAATTTTGA
chrII	13307120	13307270	0.0421 CRCAATTTTGA
chrII	13614180	13614330	0.0421 CRCAATTTTGA
chrII	13698520	13698670	0.0421 CRCAATTTTGA
chrII	14219140	14219290	0.0421 CRCAATTTTGA
chrII	1425140	1425290	0.0421 CRCAATTTTGA
chrII	14953780	14953930	0.0421 CRCAATTTTGA
chrII	15049580	15049730	0.0421 CRCAATTTTGA
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chrII	339960	340110	0.0421 CRCAATTTTGA
chrII	373980	374130	0.0421 CRCAATTTTGA
chrII	754300	754450	0.0421 CRCAATTTTGA
chrIII	13208040	13208190	0.0421 CRCAATTTTGA
chrIII	13208520	13208670	0.0421 CRCAATTTTGA
chrIII	1581180	1581330	0.0421 CRCAATTTTGA
chrIII	1703000	1703150	0.0421 CRCAATTTTGA
chrIII	716760	716910	0.0421 CRCAATTTTGA
chrIV	504260	504410	0.0421 CRCAATTTTGA
chrV	11444500	11444650	0.0421 CRCAATTTTGA
chrV	2929000	2929150	0.0421 CRCAATTTTGA
chrI	10002700	10002850	0.0355 CTCTHTYTC
chrI	10104240	10104390	0.0461 CTCTHTYTC
chrI	10174840	10174990	0.0461 CTCTHTYTC
chrI	10231680	10231830	0.0297 CTCTHTYTC
chrI	10232560	10232710	0.0111 CTCTHTYTC
chrI	10282760	10282910	0.0297 CTCTHTYTC
chrI	10393080	10393230	0.0297 CTCTHTYTC
chrI	10403880	10404030	0.0421 CTCTHTYTC
chrI	10406180	10406330	0.0111 CTCTHTYTC
chrI	10491100	10491250	0.0111 CTCTHTYTC
chrI	10491100	10491250	0.0461 CTCTHTYTC
chrI	10748560	10748710	0.019 CTCTHTYTC
chrI	10748560	10748710	0.0249 CTCTHTYTC
chrI	1100640	1100790	0.0111 CTCTHTYTC
chrI	1100640	1100790	0.0355 CTCTHTYTC
chrI	11138480	11138630	0.0297 CTCTHTYTC
chrI	11666080	11666230	0.019 CTCTHTYTC
chrI	11666080	11666230	0.0355 CTCTHTYTC
chrI	11674980	11675130	0.0461 CTCTHTYTC
chrI	11937360	11937510	0.019 CTCTHTYTC
chrI	11937360	11937510	0.0249 CTCTHTYTC

chrI	11940020	11940170	0.0297	CTCTHTYTC
chrI	11963060	11963210	0.0111	CTCTHTYTC
chrI	11976900	11977050	0.0111	CTCTHTYTC
chrI	12179520	12179670	0.0111	CTCTHTYTC
chrI	12194220	12194370	0.0111	CTCTHTYTC
chrI	12545780	12545930	0.0461	CTCTHTYTC
chrI	12548080	12548230	0.0297	CTCTHTYTC
chrI	12920780	12920930	0.019	CTCTHTYTC
chrI	12921040	12921190	0.019	CTCTHTYTC
chrI	1295580	1295730	0.0297	CTCTHTYTC
chrI	13025640	13025790	0.0297	CTCTHTYTC
chrI	13064060	13064210	0.019	CTCTHTYTC
chrI	13065900	13066050	0.0249	CTCTHTYTC
chrI	13324540	13324690	0.0297	CTCTHTYTC
chrI	13324540	13324690	0.0461	CTCTHTYTC
chrI	13359140	13359290	0.0249	CTCTHTYTC
chrI	13371380	13371530	0.0297	CTCTHTYTC
chrI	13475580	13475730	0.0111	CTCTHTYTC
chrI	13495160	13495310	0.0111	CTCTHTYTC
chrI	13547320	13547470	0.0111	CTCTHTYTC
chrI	13650800	13650950	0.0111	CTCTHTYTC
chrI	13650800	13650950	0.0355	CTCTHTYTC
chrI	13843640	13843790	0.019	CTCTHTYTC
chrI	14069880	14070030	0.0297	CTCTHTYTC
chrI	14071980	14072130	0.019	CTCTHTYTC
chrI	14344220	14344370	0.0297	CTCTHTYTC
chrI	14388960	14389110	0.0111	CTCTHTYTC
chrI	14511620	14511770	0.0111	CTCTHTYTC
chrI	14511620	14511770	0.0421	CTCTHTYTC
chrI	14526720	14526870	0.019	CTCTHTYTC
chrI	14526720	14526870	0.0249	CTCTHTYTC
chrI	14566460	14566610	0.0111	CTCTHTYTC
chrI	14609220	14609370	0.0111	CTCTHTYTC
chrI	14612720	14612870	0.0355	CTCTHTYTC
chrI	14663320	14663470	0.0111	CTCTHTYTC
chrI	14801780	14801930	0.0297	CTCTHTYTC
chrI	14971740	14971890	0.019	CTCTHTYTC
chrI	14993200	14993350	0.0461	CTCTHTYTC
chrI	1559140	1559290	0.019	CTCTHTYTC
chrI	1562680	1562830	0.0111	CTCTHTYTC
chrI	159060	159210	0.019	CTCTHTYTC
chrI	159060	159210	0.0249	CTCTHTYTC
chrI	1679000	1679150	0.0297	CTCTHTYTC
chrI	169700	169850	0.0297	CTCTHTYTC
chrI	2125240	2125390	0.0111	CTCTHTYTC
chrI	2518960	2519110	0.019	CTCTHTYTC
chrI	2577420	2577570	0.0297	CTCTHTYTC

chrI	2659860	2660010	0.019	CTCTHTYTC
chrI	2659860	2660010	0.0249	CTCTHTYTC
chrI	2728820	2728970	0.0111	CTCTHTYTC
chrI	275780	275930	0.0111	CTCTHTYTC
chrI	277140	277290	0.0111	CTCTHTYTC
chrI	2801920	2802070	0.0249	CTCTHTYTC
chrI	2856480	2856630	0.0111	CTCTHTYTC
chrI	2960620	2960770	0.0111	CTCTHTYTC
chrI	2962040	2962190	0.0249	CTCTHTYTC
chrI	2967740	2967890	0.0111	CTCTHTYTC
chrI	2978460	2978610	0.0111	CTCTHTYTC
chrI	3313240	3313390	0.0111	CTCTHTYTC
chrI	35400	35550	0.0111	CTCTHTYTC
chrI	3793480	3793630	0.0461	CTCTHTYTC
chrI	3822740	3822890	0.0111	CTCTHTYTC
chrI	3824360	3824510	0.019	CTCTHTYTC
chrI	3824360	3824510	0.0249	CTCTHTYTC
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chrI	3845920	3846070	0.0111	CTCTHTYTC
chrI	3916760	3916910	0.0111	CTCTHTYTC
chrI	3955540	3955690	0.0297	CTCTHTYTC
chrI	3992500	3992650	0.0297	CTCTHTYTC
chrI	3993600	3993750	0.019	CTCTHTYTC
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chrI	4699500	4699650	0.019	CTCTHTYTC
chrI	4700540	4700690	0.0297	CTCTHTYTC
chrI	4787920	4788070	0.019	CTCTHTYTC
chrI	4880340	4880490	0.0461	CTCTHTYTC
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chrI	4914860	4915010	0.019	CTCTHTYTC
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chrI	4941400	4941550	0.0249	CTCTHTYTC
chrI	5072300	5072450	0.0111	CTCTHTYTC
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chrI	5140340	5140490	0.0111	CTCTHTYTC
chrI	5189120	5189270	0.0249	CTCTHTYTC
chrI	5294540	5294690	0.0111	CTCTHTYTC
chrI	5316280	5316430	0.0111	CTCTHTYTC
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chrI	548120	548270	0.019	CTCTHTYTC
chrI	5597900	5598050	0.019	CTCTHTYTC
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chrI	6334960	6335110	0.0111	CTCTHTYTC
chrI	6459620	6459770	0.0111	CTCTHTYTC
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chrI	6692940	6693090	0.0249	CTCTHTYTC
chrI	6769000	6769150	0.019	CTCTHTYTC
chrI	6769000	6769150	0.0421	CTCTHTYTC
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chrI	6914140	6914290	0.0111	CTCTHTYTC
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chrI	7037020	7037170	0.0111	CTCTHTYTC
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chrI	7552420	7552570	0.0111	CTCTHTYTC
chrI	7659320	7659470	0.0111	CTCTHTYTC
chrI	7709100	7709250	0.0421	CTCTHTYTC

chrI	785300	785450	0.0111	CTCTHTYTC
chrI	788120	788270	0.0297	CTCTHTYTC
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chrI	8004180	8004330	0.0249	CTCTHTYTC
chrI	8013440	8013590	0.019	CTCTHTYTC
chrI	8120840	8120990	0.0249	CTCTHTYTC
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chrI	8171680	8171830	0.0421	CTCTHTYTC
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chrI	8456040	8456190	0.0297	CTCTHTYTC
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chrI	9731400	9731550	0.019	CTCTHTYTC
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chrI	9753180	9753330	0.019	CTCTHTYTC
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chrII	10079800	10079950	0.0111	CTCTHTYTC
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chrII	10359440	10359590	0.0249	CTCTHTYTC
chrII	10504720	10504870	0.0111	CTCTHTYTC
chrII	10504720	10504870	0.0461	CTCTHTYTC
chrII	10542460	10542610	0.0355	CTCTHTYTC
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chrII	10734700	10734850	0.0111	CTCTHTYTC
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chrII	1086560	1086710	0.0111	CTCTHTYTC
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chrII	11200440	11200590	0.0111	CTCTHTYTC
chrII	11247880	11248030	0.019	CTCTHTYTC
chrII	11247880	11248030	0.0249	CTCTHTYTC
chrII	11268200	11268350	0.0249	CTCTHTYTC
chrII	11334760	11334910	0.0297	CTCTHTYTC
chrII	11391580	11391730	0.0111	CTCTHTYTC
chrII	11392440	11392590	0.019	CTCTHTYTC
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chrII	11396160	11396310	0.0111	CTCTHTYTC
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chrII	11401380	11401530	0.0421	CTCTHTYTC
chrII	11402480	11402630	0.019	CTCTHTYTC
chrII	11635720	11635870	0.0111	CTCTHTYTC
chrII	11636800	11636950	0.0297	CTCTHTYTC
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chrII	11756180	11756330	0.0297	CTCTHTYTC
chrII	11789660	11789810	0.019	CTCTHTYTC
chrII	11789660	11789810	0.0249	CTCTHTYTC
chrII	12008180	12008330	0.0297	CTCTHTYTC
chrII	12089640	12089790	0.0421	CTCTHTYTC
chrII	12102380	12102530	0.0111	CTCTHTYTC
chrII	122120	122270	0.0297	CTCTHTYTC
chrII	122120	122270	0.0421	CTCTHTYTC
chrII	12357520	12357670	0.0111	CTCTHTYTC
chrII	12382600	12382750	0.0297	CTCTHTYTC
chrII	1247040	1247190	0.0355	CTCTHTYTC
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chrII	13013540	13013690	0.0111	CTCTHTYTC
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chrII	13030000	13030150	0.0111	CTCTHTYTC
chrII	13167520	13167670	0.0111	CTCTHTYTC
chrII	13167520	13167670	0.0249	CTCTHTYTC
chrII	13218800	13218950	0.0297	CTCTHTYTC
chrII	13268380	13268530	0.0111	CTCTHTYTC

chrII	13335060	13335210	0.0111	CTCTHTYTC
chrII	13365980	13366130	0.0111	CTCTHTYTC
chrII	13365980	13366130	0.019	CTCTHTYTC
chrII	1360460	1360610	0.0111	CTCTHTYTC
chrII	13640220	13640370	0.0111	CTCTHTYTC
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chrII	15135200	15135350	0.0249	CTCTHTYTC
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chrII	15263160	15263310	0.0111	CTCTHTYTC
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chrII	9023720	9023870	0.0297	CTCTHTYTC
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chrIV	14384260	14384410	0.0249	CTCTHTYTC
chrIV	14385180	14385330	0.0111	CTCTHTYTC
chrIV	14449260	14449410	0.0297	CTCTHTYTC
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chrIV	14675840	14675990	0.0111	CTCTHTYTC
chrIV	14874860	14875010	0.0111	CTCTHTYTC
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chrIV	152620	152770	0.019	CTCTHTYTC
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chrX	13006500	13006650	0.0355	CTCTHTYTC

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chrX	13675520	13675670	0.0111	CTCTHTYTC
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chrX	13696260	13696410	0.0111	CTCTHTYTC
chrX	13696260	13696410	0.019	CTCTHTYTC
chrX	13696260	13696410	0.0249	CTCTHTYTC
chrX	13734040	13734190	0.0421	CTCTHTYTC
chrX	13735800	13735950	0.0297	CTCTHTYTC
chrX	13743440	13743590	0.0297	CTCTHTYTC
chrX	13743440	13743590	0.0461	CTCTHTYTC
chrX	13846540	13846690	0.0297	CTCTHTYTC
chrX	14000300	14000450	0.0297	CTCTHTYTC
chrX	14016820	14016970	0.019	CTCTHTYTC
chrX	14038760	14038910	0.0461	CTCTHTYTC
chrX	14146880	14147030	0.0421	CTCTHTYTC
chrX	14312380	14312530	0.0111	CTCTHTYTC
chrX	14330720	14330870	0.0297	CTCTHTYTC
chrX	14566140	14566290	0.0111	CTCTHTYTC
chrX	14609980	14610130	0.0297	CTCTHTYTC
chrX	14610480	14610630	0.019	CTCTHTYTC
chrX	14610480	14610630	0.0249	CTCTHTYTC
chrX	14786980	14787130	0.0355	CTCTHTYTC
chrX	14841140	14841290	0.0297	CTCTHTYTC
chrX	14841140	14841290	0.0461	CTCTHTYTC
chrX	15139080	15139230	0.0297	CTCTHTYTC
chrX	15166960	15167110	0.0421	CTCTHTYTC
chrX	15201760	15201910	0.0249	CTCTHTYTC
chrX	15215760	15215910	0.0297	CTCTHTYTC
chrX	15220420	15220570	0.0111	CTCTHTYTC
chrX	15231960	15232110	0.019	CTCTHTYTC
chrX	15307900	15308050	0.0111	CTCTHTYTC
chrX	15342240	15342390	0.0297	CTCTHTYTC
chrX	15378120	15378270	0.0111	CTCTHTYTC
chrX	15378120	15378270	0.0461	CTCTHTYTC
chrX	15420620	15420770	0.0461	CTCTHTYTC
chrX	15428480	15428630	0.0297	CTCTHTYTC
chrX	1546980	1547130	0.0249	CTCTHTYTC
chrX	1546980	1547130	0.0297	CTCTHTYTC
chrX	15487400	15487550	0.0249	CTCTHTYTC
chrX	15725000	15725150	0.0111	CTCTHTYTC
chrX	15725000	15725150	0.0297	CTCTHTYTC

chrX	1575340	1575490	0.0297	CTCTHTYTC
chrX	15795560	15795710	0.019	CTCTHTYTC
chrX	15795560	15795710	0.0249	CTCTHTYTC
chrX	15875680	15875830	0.0297	CTCTHTYTC
chrX	15878660	15878810	0.0421	CTCTHTYTC
chrX	15922860	15923010	0.019	CTCTHTYTC
chrX	15922860	15923010	0.0249	CTCTHTYTC
chrX	15972620	15972770	0.0249	CTCTHTYTC
chrX	16024660	16024810	0.0111	CTCTHTYTC
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chrX	16156940	16157090	0.0461	CTCTHTYTC
chrX	16211240	16211390	0.0111	CTCTHTYTC
chrX	16319740	16319890	0.0111	CTCTHTYTC
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chrX	1660140	1660290	0.0421	CTCTHTYTC
chrX	16647160	16647310	0.0297	CTCTHTYTC
chrX	16655120	16655270	0.0297	CTCTHTYTC
chrX	16704180	16704330	0.019	CTCTHTYTC
chrX	16771000	16771150	0.0355	CTCTHTYTC
chrX	16826500	16826650	0.0297	CTCTHTYTC
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chrX	16882640	16882790	0.0249	CTCTHTYTC
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chrX	16958100	16958250	0.0297	CTCTHTYTC
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chrX	17070200	17070350	0.0249	CTCTHTYTC
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chrX	17686560	17686710	0.0297	CTCTHTYTC
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chrX	2258600	2258750	0.0249	CTCTHTYTC
chrX	2292040	2292190	0.019	CTCTHTYTC
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chrX	2380900	2381050	0.0111	CTCTHTYTC
chrX	2380900	2381050	0.019	CTCTHTYTC
chrX	2380900	2381050	0.0249	CTCTHTYTC
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chrX	2516960	2517110	0.0249	CTCTHTYTC
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chrX	2767280	2767430	0.0249	CTCTHTYTC
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chrX	3327560	3327710	0.0249	CTCTHTYTC
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chrX	3472320	3472470	0.0355	CTCTHTYTC
chrX	348240	348390	0.0249	CTCTHTYTC
chrX	3512580	3512730	0.019	CTCTHTYTC
chrX	3512580	3512730	0.0249	CTCTHTYTC
chrX	3574880	3575030	0.019	CTCTHTYTC
chrX	3585260	3585410	0.019	CTCTHTYTC
chrX	3680640	3680790	0.019	CTCTHTYTC
chrX	3862580	3862730	0.019	CTCTHTYTC
chrX	3880100	3880250	0.0297	CTCTHTYTC
chrX	3881980	3882130	0.0297	CTCTHTYTC
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chrX	4207800	4207950	0.0249	CTCTHTYTC
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chrX	4383960	4384110	0.0111	CTCTHTYTC
chrX	4423540	4423690	0.0249	CTCTHTYTC
chrX	4487180	4487330	0.019	CTCTHTYTC
chrX	4488940	4489090	0.0249	CTCTHTYTC
chrX	4553540	4553690	0.0111	CTCTHTYTC
chrX	4575300	4575450	0.0421	CTCTHTYTC
chrX	4662580	4662730	0.019	CTCTHTYTC
chrX	469380	469530	0.0461	CTCTHTYTC
chrX	4882780	4882930	0.0249	CTCTHTYTC
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chrX	5117560	5117710	0.0297	CTCTHTYTC
chrX	5119400	5119550	0.019	CTCTHTYTC

chrX	5125940	5126090	0.0297	CTCTHTYTC
chrX	5262400	5262550	0.0111	CTCTHTYTC
chrX	5262400	5262550	0.0461	CTCTHTYTC
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chrX	5539100	5539250	0.019	CTCTHTYTC
chrX	5574480	5574630	0.0297	CTCTHTYTC
chrX	5816280	5816430	0.0297	CTCTHTYTC
chrX	5847360	5847510	0.0249	CTCTHTYTC
chrX	5979460	5979610	0.0461	CTCTHTYTC
chrX	6057700	6057850	0.0111	CTCTHTYTC
chrX	6166560	6166770	0.019	CTCTHTYTC
chrX	6166560	6166770	0.0249	CTCTHTYTC
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chrX	621800	621950	0.0249	CTCTHTYTC
chrX	6653240	6653390	0.019	CTCTHTYTC
chrX	6740660	6740810	0.0297	CTCTHTYTC
chrX	6776200	6776350	0.0421	CTCTHTYTC
chrX	6794600	6794750	0.0297	CTCTHTYTC
chrX	6796160	6796310	0.0297	CTCTHTYTC
chrX	6852120	6852270	0.019	CTCTHTYTC
chrX	685260	685410	0.0421	CTCTHTYTC
chrX	6878900	6879050	0.0355	CTCTHTYTC
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chrX	6962500	6962650	0.0355	CTCTHTYTC
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chrX	7131040	7131190	0.0249	CTCTHTYTC
chrX	7174140	7174290	0.019	CTCTHTYTC
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chrX	826040	826190	0.0355	CTCTHTYTC
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chrX	827580	827730	0.0111	CTCTHTYTC
chrX	8386040	8386190	0.0461	CTCTHTYTC
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chrX	8438680	8438830	0.0297 CTCTHTYTC
chrX	8505840	8505990	0.0297 CTCTHTYTC
chrX	852860	853010	0.0111 CTCTHTYTC
chrX	854380	854530	0.0111 CTCTHTYTC
chrX	8566000	8566150	0.019 CTCTHTYTC
chrX	857800	857950	0.0111 CTCTHTYTC
chrX	8763060	8763210	0.019 CTCTHTYTC
chrX	8770420	8770570	0.0461 CTCTHTYTC
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chrX	8882200	8882350	0.0111 CTCTHTYTC
chrX	8905240	8905390	0.019 CTCTHTYTC
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chrX	9543080	9543230	0.0249 CTCTHTYTC
chrX	9543080	9543230	0.0297 CTCTHTYTC
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chrX	9566800	9566950	0.0461 CTCTHTYTC
chrX	9582480	9582630	0.0111 CTCTHTYTC
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chrI	10720280	10720430	0.0191 CTGYGTCTC
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chrI	1132500	1132650	0.0191 CTGYGTCTC
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chrI	11693580	11693730	0.0191 CTGYGTCTC
chrI	11877200	11877350	0.0191 CTGYGTCTC
chrI	11986560	11986710	0.0367 CTGYGTCTC
chrI	12065380	12065530	0.0191 CTGYGTCTC
chrI	12164720	12164870	0.0191 CTGYGTCTC
chrI	12179520	12179670	0.0191 CTGYGTCTC

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chrI	13324540	13324690	0.0191	CTGYGTCTC
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chrI	13475580	13475730	0.0191	CTGYGTCTC
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chrI	13498980	13499130	0.0191	CTGYGTCTC
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chrI	13971520	13971670	0.0367	CTGYGTCTC
chrI	14143060	14143210	0.0191	CTGYGTCTC
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chrI	14612720	14612870	0.0191	CTGYGTCTC
chrI	14917460	14917610	0.0367	CTGYGTCTC
chrI	14960400	14960550	0.0191	CTGYGTCTC
chrI	1559140	1559290	0.0191	CTGYGTCTC
chrI	1717540	1717690	0.0191	CTGYGTCTC
chrI	2155520	2155670	0.0191	CTGYGTCTC
chrI	2277060	2277210	0.0191	CTGYGTCTC
chrI	2831480	2831630	0.0191	CTGYGTCTC
chrI	2960620	2960770	0.0191	CTGYGTCTC
chrI	2967740	2967890	0.0191	CTGYGTCTC
chrI	3334600	3334750	0.0191	CTGYGTCTC
chrI	3514380	3514530	0.0367	CTGYGTCTC
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chrI	4032600	4032750	0.0191	CTGYGTCTC
chrI	4557160	4557310	0.0191	CTGYGTCTC
chrI	4592340	4592490	0.0191	CTGYGTCTC
chrI	4663400	4663550	0.0367	CTGYGTCTC
chrI	4789920	4790070	0.0191	CTGYGTCTC
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chrI	5221000	5221150	0.0191	CTGYGTCTC
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chrI	548120	548270	0.0191	CTGYGTCTC
chrI	5519720	5519870	0.0367	CTGYGTCTC
chrI	5545660	5545810	0.0191	CTGYGTCTC
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chrI	6119640	6119790	0.0191	CTGYGTCTC
chrI	6398180	6398330	0.0191	CTGYGTCTC
chrI	6611320	6611470	0.0367	CTGYGTCTC
chrI	6835360	6835510	0.0191	CTGYGTCTC
chrI	70040	70190	0.0191	CTGYGTCTC
chrI	7147740	7147890	0.0191	CTGYGTCTC
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chrII	12355240	12355390	0.0191	CTGYGTCTC
chrII	12382600	12382750	0.0191	CTGYGTCTC
chrII	1247040	1247190	0.0191	CTGYGTCTC
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chrII	14645440	14645590	0.0191 CTGYGTCTC
chrII	1486700	1486850	0.0191 CTGYGTCTC
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chrII	15135200	15135350	0.0191 CTGYGTCTC
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chrII	221260	221410	0.0191 CTGYGTCTC
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chrII	2442340	2442490	0.0191 CTGYGTCTC
chrII	2804280	2804430	0.0191 CTGYGTCTC
chrII	2859980	2860130	0.0191 CTGYGTCTC
chrII	2962640	2962790	0.0191 CTGYGTCTC
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chrII	3547380	3547530	0.0191 CTGYGTCTC
chrII	3616720	3616870	0.0191 CTGYGTCTC
chrII	3621020	3621170	0.0191 CTGYGTCTC
chrII	3810720	3810870	0.0191 CTGYGTCTC
chrII	4019440	4019590	0.0191 CTGYGTCTC
chrII	4036920	4037070	0.0191 CTGYGTCTC
chrII	4185360	4185510	0.0191 CTGYGTCTC
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chrII	626020	626170	0.0191 CTGYGTCTC
chrII	6707520	6707670	0.0191 CTGYGTCTC
chrII	6729360	6729510	0.0191 CTGYGTCTC
chrII	6827480	6827630	0.0191 CTGYGTCTC
chrII	6858980	6859130	0.0367 CTGYGTCTC
chrII	6992960	6993110	0.0191 CTGYGTCTC
chrII	7176220	7176370	0.0191 CTGYGTCTC
chrII	7452980	7453130	0.0367 CTGYGTCTC
chrII	7471040	7471190	0.0191 CTGYGTCTC
chrII	7490120	7490270	0.0191 CTGYGTCTC
chrII	7623540	7623690	0.0191 CTGYGTCTC
chrII	7809160	7809310	0.0191 CTGYGTCTC
chrII	7886640	7886790	0.0191 CTGYGTCTC
chrII	7887360	7887510	0.0367 CTGYGTCTC

chrII	8587920	8588070	0.0191	CTGYGTCTC
chrII	8748080	8748230	0.0367	CTGYGTCTC
chrII	8844840	8844990	0.0191	CTGYGTCTC
chrII	9020800	9020950	0.0191	CTGYGTCTC
chrII	9264900	9265050	0.0367	CTGYGTCTC
chrII	9491040	9491190	0.0191	CTGYGTCTC
chrIII	10270780	10270930	0.0191	CTGYGTCTC
chrIII	10519980	10520130	0.0191	CTGYGTCTC
chrIII	10581600	10581750	0.0191	CTGYGTCTC
chrIII	10634600	10634750	0.0191	CTGYGTCTC
chrIII	10651740	10651890	0.0191	CTGYGTCTC
chrIII	10720140	10720290	0.0191	CTGYGTCTC
chrIII	10819700	10819850	0.0191	CTGYGTCTC
chrIII	11110780	11110930	0.0191	CTGYGTCTC
chrIII	11199400	11199550	0.0191	CTGYGTCTC
chrIII	11208380	11208530	0.0191	CTGYGTCTC
chrIII	11243400	11243550	0.0367	CTGYGTCTC
chrIII	11357460	11357610	0.0191	CTGYGTCTC
chrIII	11378380	11378530	0.0191	CTGYGTCTC
chrIII	11455460	11455610	0.0191	CTGYGTCTC
chrIII	11476440	11476590	0.0191	CTGYGTCTC
chrIII	11478540	11478690	0.0191	CTGYGTCTC
chrIII	11481520	11481670	0.0191	CTGYGTCTC
chrIII	11881560	11881710	0.0191	CTGYGTCTC
chrIII	1223880	1224030	0.0191	CTGYGTCTC
chrIII	1226420	1226570	0.0191	CTGYGTCTC
chrIII	12386040	12386190	0.0367	CTGYGTCTC
chrIII	12583480	12583630	0.0191	CTGYGTCTC
chrIII	12864400	12864550	0.0191	CTGYGTCTC
chrIII	13332500	13332650	0.0191	CTGYGTCTC
chrIII	13733860	13734010	0.0191	CTGYGTCTC
chrIII	1436900	1437050	0.0191	CTGYGTCTC
chrIII	1679520	1679670	0.0191	CTGYGTCTC
chrIII	1681100	1681250	0.0191	CTGYGTCTC
chrIII	1854100	1854250	0.0191	CTGYGTCTC
chrIII	2089580	2089730	0.0191	CTGYGTCTC
chrIII	2090880	2091030	0.0191	CTGYGTCTC
chrIII	2126060	2126210	0.0367	CTGYGTCTC
chrIII	2127600	2127750	0.0191	CTGYGTCTC
chrIII	2130140	2130290	0.0191	CTGYGTCTC
chrIII	220480	220630	0.0191	CTGYGTCTC
chrIII	25680	25830	0.0191	CTGYGTCTC
chrIII	2647660	2647810	0.0191	CTGYGTCTC
chrIII	2780420	2780570	0.0191	CTGYGTCTC
chrIII	2881240	2881390	0.0191	CTGYGTCTC
chrIII	2901300	2901450	0.0191	CTGYGTCTC
chrIII	3036140	3036290	0.0191	CTGYGTCTC

chrIII	3220380	3220530	0.0191 CTGYGTCTC
chrIII	3304640	3304790	0.0191 CTGYGTCTC
chrIII	34260	34410	0.0191 CTGYGTCTC
chrIII	3532020	3532170	0.0367 CTGYGTCTC
chrIII	3565040	3565190	0.0191 CTGYGTCTC
chrIII	3583480	3583630	0.0191 CTGYGTCTC
chrIII	3677440	3677590	0.0191 CTGYGTCTC
chrIII	4113600	4113750	0.0191 CTGYGTCTC
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chrIII	4483060	4483210	0.0191 CTGYGTCTC
chrIII	4515260	4515410	0.0191 CTGYGTCTC
chrIII	4560660	4560810	0.0191 CTGYGTCTC
chrIII	4666740	4666890	0.0191 CTGYGTCTC
chrIII	4782300	4782450	0.0191 CTGYGTCTC
chrIII	489980	490130	0.0191 CTGYGTCTC
chrIII	5421480	5421630	0.0191 CTGYGTCTC
chrIII	5766700	5766850	0.0191 CTGYGTCTC
chrIII	5836380	5836530	0.0191 CTGYGTCTC
chrIII	5900800	5900950	0.0191 CTGYGTCTC
chrIII	6078080	6078230	0.0191 CTGYGTCTC
chrIII	6117720	6117870	0.0191 CTGYGTCTC
chrIII	623860	624010	0.0191 CTGYGTCTC
chrIII	671180	671330	0.0191 CTGYGTCTC
chrIII	6742700	6742850	0.0191 CTGYGTCTC
chrIII	7032120	7032270	0.0191 CTGYGTCTC
chrIII	7166720	7166870	0.0191 CTGYGTCTC
chrIII	7193300	7193450	0.0191 CTGYGTCTC
chrIII	7719420	7719570	0.0191 CTGYGTCTC
chrIII	7958180	7958330	0.0191 CTGYGTCTC
chrIII	7999700	7999850	0.0367 CTGYGTCTC
chrIII	8201780	8201930	0.0191 CTGYGTCTC
chrIII	8425200	8425350	0.0367 CTGYGTCTC
chrIII	8451200	8451350	0.0191 CTGYGTCTC
chrIII	8461460	8461610	0.0191 CTGYGTCTC
chrIII	8556860	8557010	0.0191 CTGYGTCTC
chrIII	8713140	8713290	0.0367 CTGYGTCTC
chrIII	9177900	9178050	0.0191 CTGYGTCTC
chrIII	9279860	9280010	0.0191 CTGYGTCTC
chrIII	9667920	9668070	0.0191 CTGYGTCTC
chrIII	9744500	9744650	0.0191 CTGYGTCTC
chrIV	1067500	1067650	0.0191 CTGYGTCTC
chrIV	10697620	10697770	0.0191 CTGYGTCTC
chrIV	1070460	1070610	0.0191 CTGYGTCTC
chrIV	10807920	10808070	0.0191 CTGYGTCTC
chrIV	10975980	10976130	0.0191 CTGYGTCTC
chrIV	11125320	11125470	0.0191 CTGYGTCTC
chrIV	12012540	12012690	0.0191 CTGYGTCTC

chrIV	1213260	1213410	0.0191	CTGYGTCTC
chrIV	12621000	12621150	0.0191	CTGYGTCTC
chrIV	12633860	12634010	0.0191	CTGYGTCTC
chrIV	1274740	1274890	0.0191	CTGYGTCTC
chrIV	12771660	12771810	0.0191	CTGYGTCTC
chrIV	12799260	12799410	0.0191	CTGYGTCTC
chrIV	1286760	1286910	0.0191	CTGYGTCTC
chrIV	128700	128850	0.0191	CTGYGTCTC
chrIV	130260	130410	0.0191	CTGYGTCTC
chrIV	13169540	13169690	0.0191	CTGYGTCTC
chrIV	13748940	13749090	0.0191	CTGYGTCTC
chrIV	13826440	13826590	0.0191	CTGYGTCTC
chrIV	13887540	13887690	0.0191	CTGYGTCTC
chrIV	13927460	13927610	0.0367	CTGYGTCTC
chrIV	14128340	14128490	0.0191	CTGYGTCTC
chrIV	1420240	1420390	0.0191	CTGYGTCTC
chrIV	14264220	14264370	0.0191	CTGYGTCTC
chrIV	14391800	14391950	0.0191	CTGYGTCTC
chrIV	14445340	14445490	0.0191	CTGYGTCTC
chrIV	1455080	1455230	0.0367	CTGYGTCTC
chrIV	14729380	14729530	0.0191	CTGYGTCTC
chrIV	14877800	14877950	0.0367	CTGYGTCTC
chrIV	14959540	14959690	0.0191	CTGYGTCTC
chrIV	15107260	15107410	0.0191	CTGYGTCTC
chrIV	15984300	15984450	0.0191	CTGYGTCTC
chrIV	17209360	17209510	0.0191	CTGYGTCTC
chrIV	17215180	17215330	0.0191	CTGYGTCTC
chrIV	1783120	1783270	0.0191	CTGYGTCTC
chrIV	2083280	2083430	0.0191	CTGYGTCTC
chrIV	2213880	2214030	0.0191	CTGYGTCTC
chrIV	2316920	2317070	0.0191	CTGYGTCTC
chrIV	2665600	2665750	0.0191	CTGYGTCTC
chrIV	2774660	2774810	0.0191	CTGYGTCTC
chrIV	3031100	3031250	0.0191	CTGYGTCTC
chrIV	3160960	3161110	0.0191	CTGYGTCTC
chrIV	3278700	3278850	0.0191	CTGYGTCTC
chrIV	3351260	3351410	0.0191	CTGYGTCTC
chrIV	3384660	3384810	0.0191	CTGYGTCTC
chrIV	3413500	3413650	0.0191	CTGYGTCTC
chrIV	3784120	3784270	0.0191	CTGYGTCTC
chrIV	3824860	3825010	0.0191	CTGYGTCTC
chrIV	4394060	4394210	0.0191	CTGYGTCTC
chrIV	4407660	4407810	0.0191	CTGYGTCTC
chrIV	4781240	4781390	0.0191	CTGYGTCTC
chrIV	4781240	4781390	0.0367	CTGYGTCTC
chrIV	490300	490450	0.0191	CTGYGTCTC
chrIV	5435840	5435990	0.0367	CTGYGTCTC

chrIV	5765720	5765870	0.0191	CTGYGTCTC
chrIV	5817660	5817810	0.0191	CTGYGTCTC
chrIV	5926940	5927090	0.0191	CTGYGTCTC
chrIV	5927100	5927250	0.0191	CTGYGTCTC
chrIV	5964720	5964870	0.0191	CTGYGTCTC
chrIV	6013980	6014130	0.0191	CTGYGTCTC
chrIV	6035220	6035370	0.0191	CTGYGTCTC
chrIV	6140840	6140990	0.0191	CTGYGTCTC
chrIV	6512000	6512150	0.0191	CTGYGTCTC
chrIV	6648800	6648950	0.0367	CTGYGTCTC
chrIV	6956740	6956890	0.0191	CTGYGTCTC
chrIV	6988340	6988490	0.0191	CTGYGTCTC
chrIV	712740	712890	0.0191	CTGYGTCTC
chrIV	7391960	7392110	0.0191	CTGYGTCTC
chrIV	7452560	7452710	0.0191	CTGYGTCTC
chrIV	8051920	8052070	0.0191	CTGYGTCTC
chrIV	82320	82470	0.0191	CTGYGTCTC
chrIV	8324380	8324530	0.0191	CTGYGTCTC
chrIV	8660280	8660430	0.0367	CTGYGTCTC
chrIV	8762500	8762650	0.0191	CTGYGTCTC
chrIV	884820	884970	0.0191	CTGYGTCTC
chrIV	8866200	8866350	0.0191	CTGYGTCTC
chrIV	9079400	9079550	0.0191	CTGYGTCTC
chrIV	950080	950230	0.0191	CTGYGTCTC
chrIV	9534440	9534590	0.0191	CTGYGTCTC
chrIV	9961060	9961210	0.0191	CTGYGTCTC
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chrV	10466700	10466850	0.0367	CTGYGTCTC
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chrV	1151480	1151630	0.0191	CTGYGTCTC
chrV	11674020	11674170	0.0191	CTGYGTCTC
chrV	11844960	11845110	0.0367	CTGYGTCTC
chrV	1239460	1239610	0.0191	CTGYGTCTC
chrV	12538580	12538730	0.0191	CTGYGTCTC
chrV	13609940	13610090	0.0191	CTGYGTCTC
chrV	1366220	1366370	0.0191	CTGYGTCTC
chrV	14153560	14153710	0.0191	CTGYGTCTC
chrV	14849680	14849830	0.0191	CTGYGTCTC
chrV	1575760	1575910	0.0191	CTGYGTCTC
chrV	1627360	1627510	0.0191	CTGYGTCTC
chrV	16351040	16351190	0.0191	CTGYGTCTC
chrV	16355980	16356130	0.0191	CTGYGTCTC
chrV	16814960	16815110	0.0191	CTGYGTCTC
chrV	1694020	1694170	0.0367	CTGYGTCTC
chrV	16950160	16950310	0.0191	CTGYGTCTC
chrV	17583640	17583790	0.0191	CTGYGTCTC
chrV	17678020	17678170	0.0191	CTGYGTCTC

chrV	17732540	17732690	0.0191	CTGYGTCTC
chrV	1775300	1775450	0.0191	CTGYGTCTC
chrV	18340500	18340650	0.0191	CTGYGTCTC
chrV	185820	185970	0.0191	CTGYGTCTC
chrV	18589660	18589810	0.0191	CTGYGTCTC
chrV	18614620	18614770	0.0191	CTGYGTCTC
chrV	18782620	18782770	0.0367	CTGYGTCTC
chrV	19661420	19661570	0.0191	CTGYGTCTC
chrV	20417900	20418050	0.0191	CTGYGTCTC
chrV	20424340	20424490	0.0191	CTGYGTCTC
chrV	20712980	20713130	0.0191	CTGYGTCTC
chrV	20749100	20749250	0.0191	CTGYGTCTC
chrV	20778280	20778430	0.0191	CTGYGTCTC
chrV	3668280	3668430	0.0191	CTGYGTCTC
chrV	3704000	3704150	0.0191	CTGYGTCTC
chrV	4004700	4004850	0.0191	CTGYGTCTC
chrV	4590400	4590550	0.0191	CTGYGTCTC
chrV	4590400	4590550	0.0367	CTGYGTCTC
chrV	5991560	5991710	0.0191	CTGYGTCTC
chrV	6038500	6038650	0.0191	CTGYGTCTC
chrV	6227620	6227770	0.0191	CTGYGTCTC
chrV	6930440	6930590	0.0191	CTGYGTCTC
chrV	7759420	7759570	0.0367	CTGYGTCTC
chrV	7762460	7762610	0.0191	CTGYGTCTC
chrV	8255140	8255290	0.0191	CTGYGTCTC
chrV	8332320	8332470	0.0191	CTGYGTCTC
chrV	8403320	8403470	0.0367	CTGYGTCTC
chrV	8492880	8493030	0.0191	CTGYGTCTC
chrV	8594340	8594490	0.0191	CTGYGTCTC
chrV	8780220	8780370	0.0191	CTGYGTCTC
chrV	8785580	8785730	0.0191	CTGYGTCTC
chrV	8860	9010	0.0191	CTGYGTCTC
chrV	9219200	9219350	0.0191	CTGYGTCTC
chrV	9220520	9220670	0.0191	CTGYGTCTC
chrV	9269440	9269590	0.0367	CTGYGTCTC
chrV	9865180	9865330	0.0191	CTGYGTCTC
chrX	10176400	10176550	0.0191	CTGYGTCTC
chrX	10597600	10597750	0.0191	CTGYGTCTC
chrX	10642660	10642810	0.0191	CTGYGTCTC
chrX	10766080	10766230	0.0191	CTGYGTCTC
chrX	10990680	10990830	0.0191	CTGYGTCTC
chrX	11248120	11248270	0.0191	CTGYGTCTC
chrX	11439020	11439170	0.0191	CTGYGTCTC
chrX	13125060	13125210	0.0367	CTGYGTCTC
chrX	1319900	1320050	0.0191	CTGYGTCTC
chrX	13687080	13687230	0.0191	CTGYGTCTC
chrX	13811980	13812130	0.0191	CTGYGTCTC

chrX	14436140	14436290	0.0191	CTGYGTCTC
chrX	1454540	1454690	0.0191	CTGYGTCTC
chrX	14610480	14610630	0.0191	CTGYGTCTC
chrX	1529140	1529290	0.0191	CTGYGTCTC
chrX	15534280	15534430	0.0191	CTGYGTCTC
chrX	16331480	16331630	0.0191	CTGYGTCTC
chrX	16331940	16332090	0.0191	CTGYGTCTC
chrX	1659460	1659610	0.0191	CTGYGTCTC
chrX	1670060	1670210	0.0191	CTGYGTCTC
chrX	16872440	16872590	0.0191	CTGYGTCTC
chrX	16882640	16882790	0.0367	CTGYGTCTC
chrX	16889520	16889670	0.0367	CTGYGTCTC
chrX	16929620	16929770	0.0191	CTGYGTCTC
chrX	16959640	16959790	0.0191	CTGYGTCTC
chrX	17184400	17184550	0.0191	CTGYGTCTC
chrX	17271640	17271790	0.0191	CTGYGTCTC
chrX	17308760	17308910	0.0191	CTGYGTCTC
chrX	17369640	17369790	0.0367	CTGYGTCTC
chrX	17513560	17513710	0.0191	CTGYGTCTC
chrX	1961980	1962130	0.0367	CTGYGTCTC
chrX	2258600	2258750	0.0367	CTGYGTCTC
chrX	3049340	3049490	0.0191	CTGYGTCTC
chrX	319780	319930	0.0367	CTGYGTCTC
chrX	348240	348390	0.0191	CTGYGTCTC
chrX	4157960	4158110	0.0191	CTGYGTCTC
chrX	4207800	4207950	0.0367	CTGYGTCTC
chrX	4971520	4971670	0.0191	CTGYGTCTC
chrX	5565520	5565670	0.0367	CTGYGTCTC
chrX	5818300	5818450	0.0191	CTGYGTCTC
chrX	662100	662250	0.0191	CTGYGTCTC
chrX	826040	826190	0.0191	CTGYGTCTC
chrX	9320100	9320250	0.0191	CTGYGTCTC
chrX	9396500	9396650	0.0191	CTGYGTCTC
chrX	9822640	9822790	0.0191	CTGYGTCTC
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chrII	15186080	15186230	0.0258	CTTGTACGGAA
chrII	777020	777170	0.0258	CTTGTACGGAA
chrII	778400	778550	0.0258	CTTGTACGGAA
chrIII	11642560	11642710	0.0258	CTTGTACGGAA
chrIII	11646040	11646190	0.0258	CTTGTACGGAA
chrIII	1327860	1328010	0.0258	CTTGTACGGAA
chrIII	1366860	1367010	0.0258	CTTGTACGGAA
chrIV	15281480	15281630	0.0258	CTTGTACGGAA
chrIV	15789960	15790110	0.0258	CTTGTACGGAA
chrV	14585980	14586130	0.0258	CTTGTACGGAA
chrV	14588480	14588630	0.0258	CTTGTACGGAA
chrV	14588880	14589030	0.0258	CTTGTACGGAA

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chrV	14590240	14590390	0.0258	CTTGTACGGAA
chrV	15682460	15682610	0.0258	CTTGTACGGAA
chrV	15683620	15683770	0.0258	CTTGTACGGAA
chrV	15684920	15685070	0.0258	CTTGTACGGAA
chrV	16525860	16526010	0.0258	CTTGTACGGAA
chrV	1705120	1705270	0.0258	CTTGTACGGAA
chrV	1706080	1706230	0.0258	CTTGTACGGAA
chrV	18237580	18237730	0.0258	CTTGTACGGAA
chrV	19478440	19478590	0.0258	CTTGTACGGAA
chrV	4990820	4990970	0.0258	CTTGTACGGAA
chrX	2538420	2538570	0.0258	CTTGTACGGAA
chrI	12914780	12914930	0.0403	CTYCAGCTCC
chrI	5975120	5975270	0.0403	CTYCAGCTCC
chrI	5975440	5975590	0.0403	CTYCAGCTCC
chrI	5977280	5977430	0.0403	CTYCAGCTCC
chrI	676640	676790	0.0403	CTYCAGCTCC
chrI	678860	679010	0.0403	CTYCAGCTCC
chrII	12749780	12749930	0.0403	CTYCAGCTCC
chrII	3938020	3938170	0.0403	CTYCAGCTCC
chrII	5736800	5736950	0.0403	CTYCAGCTCC
chrII	6826900	6827050	0.0403	CTYCAGCTCC
chrII	7654060	7654210	0.0403	CTYCAGCTCC
chrIII	10792240	10792390	0.0403	CTYCAGCTCC
chrIII	10792920	10793070	0.0403	CTYCAGCTCC
chrIII	2496800	2496950	0.0403	CTYCAGCTCC
chrIII	8897880	8898030	0.0403	CTYCAGCTCC
chrIV	14779340	14779490	0.0403	CTYCAGCTCC
chrIV	14780000	14780150	0.0403	CTYCAGCTCC
chrIV	14780320	14780470	0.0403	CTYCAGCTCC
chrIV	2916440	2916590	0.0403	CTYCAGCTCC
chrIV	3366940	3367090	0.0403	CTYCAGCTCC
chrIV	3367460	3367610	0.0403	CTYCAGCTCC
chrIV	8049360	8049510	0.0403	CTYCAGCTCC
chrIV	8256040	8256190	0.0403	CTYCAGCTCC
chrIV	8258280	8258430	0.0403	CTYCAGCTCC
chrIV	9764800	9764950	0.0403	CTYCAGCTCC
chrV	18312960	18313110	0.0403	CTYCAGCTCC
chrV	18314460	18314610	0.0403	CTYCAGCTCC
chrV	19559600	19559750	0.0403	CTYCAGCTCC
chrV	2600980	2601130	0.0403	CTYCAGCTCC
chrX	13206940	13207090	0.0403	CTYCAGCTCC
chrX	13505260	13505410	0.0403	CTYCAGCTCC
chrX	1543500	1543650	0.0403	CTYCAGCTCC
chrX	7313720	7313870	0.0403	CTYCAGCTCC
chrI	1328720	1328870	0.0404	CYCAAAATTGA

chrI	13450860	13451010	0.0404	CYCAAAAATTGA
chrI	13585600	13585750	0.0404	CYCAAAAATTGA
chrI	14435920	14436070	0.0404	CYCAAAAATTGA
chrI	14436300	14436450	0.0404	CYCAAAAATTGA
chrI	1948680	1948830	0.0404	CYCAAAAATTGA
chrII	1186180	1186330	0.0404	CYCAAAAATTGA
chrII	12726240	12726390	0.0404	CYCAAAAATTGA
chrII	13614180	13614330	0.0404	CYCAAAAATTGA
chrII	13698520	13698670	0.0404	CYCAAAAATTGA
chrII	14219140	14219290	0.0404	CYCAAAAATTGA
chrII	15049580	15049730	0.0404	CYCAAAAATTGA
chrII	5310980	5311130	0.0404	CYCAAAAATTGA
chrIII	1581180	1581330	0.0404	CYCAAAAATTGA
chrIII	1703000	1703150	0.0404	CYCAAAAATTGA
chrIII	865920	866070	0.0404	CYCAAAAATTGA
chrIV	1795960	1796110	0.0404	CYCAAAAATTGA
chrIV	221440	221590	0.0404	CYCAAAAATTGA
chrIV	224500	224650	0.0404	CYCAAAAATTGA
chrIV	224820	224970	0.0404	CYCAAAAATTGA
chrIV	504260	504410	0.0404	CYCAAAAATTGA
chrV	11454980	11455130	0.0404	CYCAAAAATTGA
chrV	11969620	11969770	0.0497	CYCAAAAATTGA
chrV	19199560	19199710	0.0497	CYCAAAAATTGA
chrV	19199800	19199950	0.0497	CYCAAAAATTGA
chrV	19200240	19200390	0.0497	CYCAAAAATTGA
chrV	20011240	20011390	0.0404	CYCAAAAATTGA
chrV	20444280	20444430	0.0404	CYCAAAAATTGA
chrX	10934720	10934870	0.0404	CYCAAAAATTGA
chrX	161000	161150	0.0497	CYCAAAAATTGA
chrX	16224740	16224890	0.0497	CYCAAAAATTGA
chrX	164360	164510	0.0497	CYCAAAAATTGA
chrX	164660	164810	0.0497	CYCAAAAATTGA
chrX	164980	165130	0.0497	CYCAAAAATTGA
chrX	165380	165530	0.0497	CYCAAAAATTGA
chrI	10840040	10840190	0.0112	GCTCCGHGAGC
chrI	11559300	11559450	0.0217	GCTCCGHGAGC
chrI	11602960	11603110	0.0112	GCTCCGHGAGC
chrI	11603600	11603750	0.0112	GCTCCGHGAGC
chrI	11674980	11675130	0.0161	GCTCCGHGAGC
chrI	11945940	11946090	0.0112	GCTCCGHGAGC
chrI	11963060	11963210	0.0112	GCTCCGHGAGC
chrI	12179520	12179670	0.0112	GCTCCGHGAGC
chrI	14902880	14903030	0.0112	GCTCCGHGAGC
chrI	1582040	1582190	0.0161	GCTCCGHGAGC
chrI	3829760	3829910	0.0161	GCTCCGHGAGC
chrI	4525320	4525470	0.0189	GCTCCGHGAGC
chrI	4780420	4780570	0.0407	GCTCCGHGAGC

chrI	5226440	5226590	0.0112	GCTCCGHGAGC
chrI	6607980	6608130	0.0447	GCTCCGHGAGC
chrII	10076040	10076190	0.0161	GCTCCGHGAGC
chrII	10566540	10566690	0.0217	GCTCCGHGAGC
chrII	12371360	12371510	0.0112	GCTCCGHGAGC
chrII	12778420	12778570	0.0112	GCTCCGHGAGC
chrII	12797300	12797450	0.0161	GCTCCGHGAGC
chrII	14451940	14452090	0.0189	GCTCCGHGAGC
chrII	15264620	15264770	0.0112	GCTCCGHGAGC
chrII	3596100	3596250	0.0189	GCTCCGHGAGC
chrII	401300	401450	0.0112	GCTCCGHGAGC
chrIII	11203820	11203970	0.0407	GCTCCGHGAGC
chrIII	13037020	13037170	0.0112	GCTCCGHGAGC
chrIII	2089580	2089730	0.0161	GCTCCGHGAGC
chrIII	218040	218190	0.0112	GCTCCGHGAGC
chrIII	2548420	2548570	0.0112	GCTCCGHGAGC
chrIII	2902100	2902250	0.0161	GCTCCGHGAGC
chrIII	3031360	3031510	0.0161	GCTCCGHGAGC
chrIII	3140300	3140450	0.0189	GCTCCGHGAGC
chrIII	3322340	3322490	0.0112	GCTCCGHGAGC
chrIII	3542200	3542350	0.0112	GCTCCGHGAGC
chrIII	6403820	6403970	0.0217	GCTCCGHGAGC
chrIII	6741160	6741310	0.0112	GCTCCGHGAGC
chrIII	7661180	7661330	0.0161	GCTCCGHGAGC
chrIII	9344860	9345010	0.0161	GCTCCGHGAGC
chrIV	12636380	12636530	0.0112	GCTCCGHGAGC
chrIV	13851440	13851590	0.0189	GCTCCGHGAGC
chrIV	14874860	14875010	0.0189	GCTCCGHGAGC
chrIV	15494480	15494630	0.0112	GCTCCGHGAGC
chrIV	3030060	3030210	0.0217	GCTCCGHGAGC
chrIV	3654920	3655070	0.0112	GCTCCGHGAGC
chrIV	3774200	3774350	0.0189	GCTCCGHGAGC
chrIV	4035080	4035230	0.0189	GCTCCGHGAGC
chrIV	5962660	5962810	0.0189	GCTCCGHGAGC
chrIV	6135700	6135850	0.0112	GCTCCGHGAGC
chrIV	71840	71990	0.0217	GCTCCGHGAGC
chrIV	7522900	7523050	0.0189	GCTCCGHGAGC
chrIV	8283980	8284130	0.0161	GCTCCGHGAGC
chrIV	8324380	8324530	0.0161	GCTCCGHGAGC
chrV	11445420	11445570	0.0161	GCTCCGHGAGC
chrV	18490520	18490670	0.0112	GCTCCGHGAGC
chrV	19473960	19474110	0.0189	GCTCCGHGAGC
chrV	19546800	19546950	0.0189	GCTCCGHGAGC
chrV	20216580	20216730	0.0112	GCTCCGHGAGC
chrV	20417900	20418050	0.0112	GCTCCGHGAGC
chrV	4467300	4467450	0.0189	GCTCCGHGAGC
chrV	6337560	6337710	0.0112	GCTCCGHGAGC

chrV	6548360	6548510	0.0407	GCTCCGHGAGC
chrV	7747040	7747190	0.0161	GCTCCGHGAGC
chrV	7865740	7865890	0.0189	GCTCCGHGAGC
chrV	7873160	7873310	0.0217	GCTCCGHGAGC
chrV	7884620	7884770	0.0161	GCTCCGHGAGC
chrX	1332280	1332430	0.0112	GCTCCGHGAGC
chrX	7646100	7646250	0.0112	GCTCCGHGAGC
chrI	12227220	12227370	0.0156	GCTGATTGGTY
chrI	12612820	12612970	0.0235	GCTGATTGGTY
chrI	12613180	12613330	0.0156	GCTGATTGGTY
chrI	12613180	12613330	0.0235	GCTGATTGGTY
chrI	8477260	8477410	0.0156	GCTGATTGGTY
chrI	8477260	8477410	0.0235	GCTGATTGGTY
chrII	10667640	10667790	0.0156	GCTGATTGGTY
chrII	13321260	13321410	0.0156	GCTGATTGGTY
chrII	14045540	14045690	0.0156	GCTGATTGGTY
chrII	14275040	14275190	0.0235	GCTGATTGGTY
chrII	14275620	14275770	0.0235	GCTGATTGGTY
chrII	3691220	3691370	0.0156	GCTGATTGGTY
chrII	3692160	3692310	0.0156	GCTGATTGGTY
chrII	3828760	3828910	0.0156	GCTGATTGGTY
chrII	3918040	3918190	0.0156	GCTGATTGGTY
chrIII	10805160	10805310	0.0357	GCTGATTGGTY
chrIII	11898680	11898830	0.0156	GCTGATTGGTY
chrIII	12137480	12137630	0.0235	GCTGATTGGTY
chrIII	12552300	12552450	0.0156	GCTGATTGGTY
chrIII	12697860	12698010	0.0156	GCTGATTGGTY
chrIII	12973620	12973770	0.0156	GCTGATTGGTY
chrIII	3033680	3033830	0.0156	GCTGATTGGTY
chrIII	3635040	3635190	0.0235	GCTGATTGGTY
chrIII	5469140	5469290	0.0156	GCTGATTGGTY
chrIII	5920740	5920890	0.0156	GCTGATTGGTY
chrIII	8127520	8127670	0.0235	GCTGATTGGTY
chrIV	12999520	12999670	0.0156	GCTGATTGGTY
chrIV	13041500	13041650	0.0235	GCTGATTGGTY
chrIV	13878780	13878930	0.0235	GCTGATTGGTY
chrIV	14973900	14974050	0.0156	GCTGATTGGTY
chrV	1035140	1035290	0.0156	GCTGATTGGTY
chrV	13682540	13682690	0.0156	GCTGATTGGTY
chrV	14493760	14493910	0.0156	GCTGATTGGTY
chrV	14493760	14493910	0.0235	GCTGATTGGTY
chrV	15662460	15662610	0.0156	GCTGATTGGTY
chrV	17325000	17325150	0.0156	GCTGATTGGTY
chrV	17325000	17325150	0.0235	GCTGATTGGTY
chrV	285440	285590	0.0156	GCTGATTGGTY
chrV	3632720	3632870	0.0156	GCTGATTGGTY
chrV	7761960	7762110	0.0156	GCTGATTGGTY

chrX	1598440	1598590	0.0156	GCTGATTGGTY
chrX	1598440	1598590	0.0235	GCTGATTGGTY
chrI	10235200	10235350	0.0493	GCTGCTGCTB
chrI	10397520	10397670	0.038	GCTGCTGCTB
chrI	11202260	11202410	0.0189	GCTGCTGCTB
chrI	11202260	11202410	0.038	GCTGCTGCTB
chrI	12552880	12553030	0.0189	GCTGCTGCTB
chrI	1271060	1271210	0.0189	GCTGCTGCTB
chrI	13547320	13547470	0.0281	GCTGCTGCTB
chrI	229860	230010	0.038	GCTGCTGCTB
chrI	2605440	2605590	0.0189	GCTGCTGCTB
chrI	2703340	2703490	0.0189	GCTGCTGCTB
chrI	2750960	2751110	0.038	GCTGCTGCTB
chrI	2963420	2963570	0.0189	GCTGCTGCTB
chrI	4219840	4219990	0.038	GCTGCTGCTB
chrI	4436740	4436890	0.0189	GCTGCTGCTB
chrI	4746920	4747070	0.038	GCTGCTGCTB
chrI	5316740	5316890	0.0189	GCTGCTGCTB
chrI	608860	609010	0.0189	GCTGCTGCTB
chrI	6283540	6283690	0.0189	GCTGCTGCTB
chrI	7129540	7129690	0.0281	GCTGCTGCTB
chrI	7518680	7518830	0.0189	GCTGCTGCTB
chrI	7609540	7609690	0.0189	GCTGCTGCTB
chrI	8393940	8394090	0.0189	GCTGCTGCTB
chrI	9131520	9131670	0.0189	GCTGCTGCTB
chrII	11789660	11789810	0.0189	GCTGCTGCTB
chrII	134040	134190	0.0189	GCTGCTGCTB
chrII	15154340	15154490	0.0281	GCTGCTGCTB
chrII	15264620	15264770	0.0281	GCTGCTGCTB
chrII	395160	395310	0.0281	GCTGCTGCTB
chrII	3999820	3999970	0.0189	GCTGCTGCTB
chrII	3999820	3999970	0.038	GCTGCTGCTB
chrII	4293480	4293630	0.0281	GCTGCTGCTB
chrII	4517340	4517490	0.0493	GCTGCTGCTB
chrII	4848240	4848390	0.0189	GCTGCTGCTB
chrII	5020780	5020930	0.038	GCTGCTGCTB
chrII	5291080	5291230	0.038	GCTGCTGCTB
chrII	5303960	5304110	0.0281	GCTGCTGCTB
chrII	6411800	6411950	0.0189	GCTGCTGCTB
chrII	6468240	6468390	0.0281	GCTGCTGCTB
chrII	7624300	7624450	0.0189	GCTGCTGCTB
chrII	7964900	7965050	0.0189	GCTGCTGCTB
chrII	846180	846330	0.0189	GCTGCTGCTB
chrII	8984080	8984230	0.0189	GCTGCTGCTB
chrIII	11559840	11559990	0.0189	GCTGCTGCTB
chrIII	12800620	12800770	0.0493	GCTGCTGCTB
chrIII	3572800	3572950	0.0281	GCTGCTGCTB

chrIII	3630900	3631050	0.038	GCTGCTGCTB
chrIII	3679160	3679310	0.0281	GCTGCTGCTB
chrIII	517560	517710	0.0493	GCTGCTGCTB
chrIII	5710820	5710970	0.0189	GCTGCTGCTB
chrIII	6107120	6107270	0.038	GCTGCTGCTB
chrIII	6402040	6402190	0.038	GCTGCTGCTB
chrIII	8151600	8151750	0.0281	GCTGCTGCTB
chrIII	9346740	9346890	0.0189	GCTGCTGCTB
chrIII	9670680	9670830	0.0189	GCTGCTGCTB
chrIV	10037460	10037610	0.0493	GCTGCTGCTB
chrIV	10403460	10403610	0.0281	GCTGCTGCTB
chrIV	10573300	10573450	0.0189	GCTGCTGCTB
chrIV	12464940	12465090	0.0189	GCTGCTGCTB
chrIV	12805320	12805470	0.0189	GCTGCTGCTB
chrIV	1403520	1403670	0.0281	GCTGCTGCTB
chrIV	14391800	14391950	0.0189	GCTGCTGCTB
chrIV	3030060	3030210	0.0281	GCTGCTGCTB
chrIV	4035080	4035230	0.0281	GCTGCTGCTB
chrIV	4396260	4396410	0.0189	GCTGCTGCTB
chrIV	4396260	4396410	0.038	GCTGCTGCTB
chrIV	4397020	4397170	0.0189	GCTGCTGCTB
chrIV	4397020	4397170	0.038	GCTGCTGCTB
chrIV	4407300	4407450	0.0281	GCTGCTGCTB
chrIV	4640840	4640990	0.038	GCTGCTGCTB
chrIV	5399680	5399830	0.0281	GCTGCTGCTB
chrIV	5548980	5549130	0.0493	GCTGCTGCTB
chrIV	8039760	8039910	0.0189	GCTGCTGCTB
chrIV	8050100	8050250	0.0281	GCTGCTGCTB
chrIV	8320660	8320810	0.0281	GCTGCTGCTB
chrIV	9196920	9197070	0.038	GCTGCTGCTB
chrV	10987820	10987970	0.0189	GCTGCTGCTB
chrV	11335760	11335910	0.0281	GCTGCTGCTB
chrV	13253180	13253330	0.038	GCTGCTGCTB
chrV	14505860	14506010	0.0189	GCTGCTGCTB
chrV	14505860	14506010	0.038	GCTGCTGCTB
chrV	18490520	18490670	0.0189	GCTGCTGCTB
chrV	18490520	18490670	0.0281	GCTGCTGCTB
chrV	20649040	20649190	0.0189	GCTGCTGCTB
chrV	295960	296110	0.0189	GCTGCTGCTB
chrV	295960	296110	0.0281	GCTGCTGCTB
chrV	3704000	3704150	0.0189	GCTGCTGCTB
chrV	6757060	6757210	0.0189	GCTGCTGCTB
chrV	6757060	6757210	0.0281	GCTGCTGCTB
chrV	6796240	6796390	0.0189	GCTGCTGCTB
chrV	6796240	6796390	0.0493	GCTGCTGCTB
chrV	8880240	8880390	0.038	GCTGCTGCTB
chrV	97440	97590	0.0189	GCTGCTGCTB

chrX	1019900	1020050	0.0189	GCTGCTGCTB
chrX	1019900	1020050	0.038	GCTGCTGCTB
chrX	1110900	1111050	0.0189	GCTGCTGCTB
chrX	12175880	12176030	0.0493	GCTGCTGCTB
chrX	12903800	12903950	0.0189	GCTGCTGCTB
chrX	12903800	12903950	0.0493	GCTGCTGCTB
chrX	15514640	15514790	0.0189	GCTGCTGCTB
chrX	15514640	15514790	0.0281	GCTGCTGCTB
chrX	16530660	16530810	0.0189	GCTGCTGCTB
chrX	16725020	16725170	0.038	GCTGCTGCTB
chrX	16989500	16989650	0.0189	GCTGCTGCTB
chrX	17181820	17181970	0.0189	GCTGCTGCTB
chrX	17203520	17203670	0.0189	GCTGCTGCTB
chrX	17314840	17314990	0.0189	GCTGCTGCTB
chrX	217900	218050	0.0281	GCTGCTGCTB
chrX	2333560	2333710	0.0189	GCTGCTGCTB
chrX	2333560	2333710	0.038	GCTGCTGCTB
chrX	2971520	2971670	0.0189	GCTGCTGCTB
chrX	3190220	3190370	0.0189	GCTGCTGCTB
chrX	3520940	3521090	0.038	GCTGCTGCTB
chrX	3901900	3902050	0.0189	GCTGCTGCTB
chrX	4729560	4729710	0.0189	GCTGCTGCTB
chrX	4729560	4729710	0.0281	GCTGCTGCTB
chrX	4813140	4813290	0.0189	GCTGCTGCTB
chrX	5782800	5782950	0.0189	GCTGCTGCTB
chrX	5819960	5820110	0.0281	GCTGCTGCTB
chrX	6162120	6162270	0.0281	GCTGCTGCTB
chrX	6164740	6164890	0.0189	GCTGCTGCTB
chrX	7362340	7362490	0.0281	GCTGCTGCTB
chrX	9832460	9832610	0.0281	GCTGCTGCTB
chrI	10354640	10354790	0.0438	GGTCTCGCCRC
chrI	10587020	10587170	0.00858	GGTCTCGCCRC
chrI	1079560	1079710	0.0438	GGTCTCGCCRC
chrI	1082480	1082630	0.0438	GGTCTCGCCRC
chrI	12539640	12539790	0.00858	GGTCTCGCCRC
chrI	13854120	13854270	0.0104	GGTCTCGCCRC
chrI	3663040	3663190	0.00858	GGTCTCGCCRC
chrI	3663040	3663190	0.0438	GGTCTCGCCRC
chrI	3817360	3817510	0.00858	GGTCTCGCCRC
chrI	4789920	4790070	0.00858	GGTCTCGCCRC
chrI	4995660	4995810	0.00858	GGTCTCGCCRC
chrI	6419960	6420110	0.00858	GGTCTCGCCRC
chrI	9853400	9853550	0.00858	GGTCTCGCCRC
chrII	14247260	14247410	0.0104	GGTCTCGCCRC
chrII	3549900	3550050	0.0438	GGTCTCGCCRC
chrII	3781600	3781750	0.0104	GGTCTCGCCRC
chrII	4684220	4684370	0.00858	GGTCTCGCCRC

chrII	7037800	7037950	0.00858	GGTCTCGCCRC
chrII	8927060	8927210	0.00858	GGTCTCGCCRC
chrII	9647480	9647630	0.00858	GGTCTCGCCRC
chrIII	13173480	13173630	0.0438	GGTCTCGCCRC
chrIII	3160340	3160490	0.00858	GGTCTCGCCRC
chrIII	3438160	3438310	0.00858	GGTCTCGCCRC
chrIII	4956400	4956550	0.00858	GGTCTCGCCRC
chrIII	6177260	6177410	0.00858	GGTCTCGCCRC
chrIII	6744440	6744590	0.0438	GGTCTCGCCRC
chrIII	6985140	6985290	0.0104	GGTCTCGCCRC
chrIII	7119940	7120090	0.00858	GGTCTCGCCRC
chrIII	7207980	7208130	0.0104	GGTCTCGCCRC
chrIII	7235680	7235830	0.0104	GGTCTCGCCRC
chrIII	7237960	7238110	0.0104	GGTCTCGCCRC
chrIII	7710580	7710730	0.00858	GGTCTCGCCRC
chrIII	8492000	8492150	0.0104	GGTCTCGCCRC
chrIII	9224200	9224350	0.00858	GGTCTCGCCRC
chrIII	9697860	9698010	0.00858	GGTCTCGCCRC
chrIII	9839680	9839830	0.00858	GGTCTCGCCRC
chrIII	990320	990470	0.00858	GGTCTCGCCRC
chrIII	9911100	9911250	0.0104	GGTCTCGCCRC
chrIV	10731320	10731470	0.00858	GGTCTCGCCRC
chrIV	11372480	11372630	0.00858	GGTCTCGCCRC
chrIV	13314920	13315070	0.00858	GGTCTCGCCRC
chrIV	13896340	13896490	0.00858	GGTCTCGCCRC
chrIV	15783440	15783590	0.0438	GGTCTCGCCRC
chrIV	15786040	15786190	0.0438	GGTCTCGCCRC
chrIV	16759460	16759610	0.0104	GGTCTCGCCRC
chrIV	16872180	16872330	0.00858	GGTCTCGCCRC
chrIV	16893760	16893910	0.0104	GGTCTCGCCRC
chrIV	1789620	1789770	0.00858	GGTCTCGCCRC
chrIV	4821720	4821870	0.00858	GGTCTCGCCRC
chrIV	5077800	5077950	0.00858	GGTCTCGCCRC
chrIV	8325200	8325350	0.0104	GGTCTCGCCRC
chrIV	833280	833430	0.00858	GGTCTCGCCRC
chrIV	8438320	8438470	0.00858	GGTCTCGCCRC
chrIV	9066240	9066390	0.00858	GGTCTCGCCRC
chrV	1099500	1099650	0.00858	GGTCTCGCCRC
chrV	11686640	11686790	0.0104	GGTCTCGCCRC
chrV	11813580	11813850	0.00858	GGTCTCGCCRC
chrV	14406240	14406390	0.00858	GGTCTCGCCRC
chrV	14528100	14528250	0.00858	GGTCTCGCCRC
chrV	15115440	15115590	0.0104	GGTCTCGCCRC
chrV	16456220	16456370	0.0104	GGTCTCGCCRC
chrV	18402540	18402690	0.00858	GGTCTCGCCRC
chrV	19473340	19473490	0.0438	GGTCTCGCCRC
chrV	2603900	2604050	0.0104	GGTCTCGCCRC

chrV	5605500	5605650	0.00858	GGTCTCGCCRC
chrV	5825640	5825790	0.0104	GGTCTCGCCRC
chrX	11840	11990	0.00858	GGTCTCGCCRC
chrX	12607640	12607790	0.0104	GGTCTCGCCRC
chrX	15806500	15806650	0.0104	GGTCTCGCCRC
chrX	15921820	15921970	0.00858	GGTCTCGCCRC
chrX	1659460	1659610	0.0104	GGTCTCGCCRC
chrX	1670060	1670210	0.0104	GGTCTCGCCRC
chrX	279380	279530	0.0438	GGTCTCGCCRC
chrX	348240	348390	0.0104	GGTCTCGCCRC
chrX	8040	8190	0.00858	GGTCTCGCCRC
chrIV	13005100	13005250	0.0364	GWACTTTTGAA
chrIV	14117760	14117910	0.0364	GWACTTTTGAA
chrIV	498120	498270	0.0364	GWACTTTTGAA
chrIV	6669240	6669390	0.0364	GWACTTTTGAA
chrIV	6669880	6670030	0.0364	GWACTTTTGAA
chrIV	6671180	6671330	0.0364	GWACTTTTGAA
chrIV	6671780	6671930	0.0364	GWACTTTTGAA
chrIV	6672420	6672570	0.0364	GWACTTTTGAA
chrIV	6672740	6672890	0.0364	GWACTTTTGAA
chrIV	6673100	6673250	0.0364	GWACTTTTGAA
chrIV	6675860	6676010	0.0364	GWACTTTTGAA
chrIV	6683360	6683510	0.0364	GWACTTTTGAA
chrIV	6685440	6685590	0.0364	GWACTTTTGAA
chrIV	6686400	6686550	0.0364	GWACTTTTGAA
chrIV	6687140	6687290	0.0364	GWACTTTTGAA
chrIV	6687820	6687970	0.0364	GWACTTTTGAA
chrIV	6691780	6691930	0.0364	GWACTTTTGAA
chrIV	6692620	6692770	0.0364	GWACTTTTGAA
chrIV	6699800	6699950	0.0364	GWACTTTTGAA
chrIV	6704140	6704290	0.0364	GWACTTTTGAA
chrIV	6709600	6709750	0.0364	GWACTTTTGAA
chrIV	6710000	6710150	0.0364	GWACTTTTGAA
chrIV	6726640	6726790	0.0364	GWACTTTTGAA
chrIV	6728900	6729050	0.0364	GWACTTTTGAA
chrIV	6729940	6730090	0.0364	GWACTTTTGAA
chrV	13683400	13683550	0.0364	GWACTTTTGAA
chrX	1294700	1294850	0.0364	GWACTTTTGAA
chrX	6777940	6778090	0.0364	GWACTTTTGAA
chrI	11629160	11629310	0.0492	SCGCGCGS
chrI	122500	122650	0.0492	SCGCGCGS
chrI	13064940	13065090	0.0492	SCGCGCGS
chrI	1347220	1347370	0.0492	SCGCGCGS
chrI	14380420	14380570	0.0492	SCGCGCGS
chrI	14801780	14801930	0.0492	SCGCGCGS
chrI	2831480	2831630	0.0492	SCGCGCGS
chrI	3112360	3112510	0.0492	SCGCGCGS

chrI	3112780	3112930	0.0492	SCGCGCGS
chrI	3723480	3723630	0.0492	SCGCGCGS
chrI	4032600	4032750	0.0492	SCGCGCGS
chrI	4780420	4780570	0.0492	SCGCGCGS
chrI	5217220	5217370	0.0492	SCGCGCGS
chrI	5222180	5222330	0.0492	SCGCGCGS
chrI	6282540	6282690	0.0492	SCGCGCGS
chrI	6888760	6888910	0.0492	SCGCGCGS
chrI	8839180	8839330	0.0492	SCGCGCGS
chrI	9086320	9086470	0.0492	SCGCGCGS
chrII	10136680	10136830	0.0492	SCGCGCGS
chrII	10203820	10203970	0.0492	SCGCGCGS
chrII	10210000	10210150	0.0492	SCGCGCGS
chrII	10214060	10214210	0.0492	SCGCGCGS
chrII	11749800	11749950	0.0492	SCGCGCGS
chrII	1247040	1247190	0.0492	SCGCGCGS
chrII	12778420	12778570	0.0492	SCGCGCGS
chrII	12799920	12800070	0.0492	SCGCGCGS
chrII	13751380	13751530	0.0492	SCGCGCGS
chrII	18980	19130	0.0492	SCGCGCGS
chrII	2592620	2592770	0.0492	SCGCGCGS
chrII	2857660	2857810	0.0492	SCGCGCGS
chrII	2974020	2974170	0.0492	SCGCGCGS
chrII	3054820	3054970	0.0492	SCGCGCGS
chrII	3055660	3055810	0.0492	SCGCGCGS
chrII	4209200	4209350	0.0492	SCGCGCGS
chrII	5960740	5960890	0.0492	SCGCGCGS
chrII	6009440	6009590	0.0492	SCGCGCGS
chrII	8028260	8028410	0.0492	SCGCGCGS
chrII	8052300	8052450	0.0492	SCGCGCGS
chrII	8096160	8096310	0.0492	SCGCGCGS
chrII	8411080	8411230	0.0492	SCGCGCGS
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chrIII	12665360	12665510	0.0492	SCGCGCGS
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chrIII	13741460	13741610	0.0492	SCGCGCGS
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chrIII	3742220	3742370	0.0492	SCGCGCGS
chrIII	3742980	3743130	0.0492	SCGCGCGS
chrIII	4037480	4037630	0.0492	SCGCGCGS
chrIII	4158880	4159030	0.0492	SCGCGCGS
chrIII	6464300	6464450	0.0492	SCGCGCGS

chrIII	7672460	7672610	0.0492	SCGCGCGS
chrIII	7755440	7755590	0.0492	SCGCGCGS
chrIII	8127000	8127150	0.0492	SCGCGCGS
chrIII	8465860	8466010	0.0492	SCGCGCGS
chrIII	8493340	8493490	0.0492	SCGCGCGS
chrIII	8520620	8520770	0.0492	SCGCGCGS
chrIII	9280480	9280630	0.0492	SCGCGCGS
chrIII	9911100	9911250	0.0492	SCGCGCGS
chrIV	1374140	1374290	0.0492	SCGCGCGS
chrIV	1420240	1420390	0.0492	SCGCGCGS
chrIV	14515340	14515490	0.0492	SCGCGCGS
chrIV	14654800	14654950	0.0492	SCGCGCGS
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chrIV	14656020	14656170	0.0492	SCGCGCGS
chrIV	16312240	16312390	0.0492	SCGCGCGS
chrIV	16318280	16318430	0.0492	SCGCGCGS
chrIV	16532840	16532990	0.0492	SCGCGCGS
chrIV	1711160	1711310	0.0492	SCGCGCGS
chrIV	2896460	2896610	0.0492	SCGCGCGS
chrIV	3212060	3212210	0.0492	SCGCGCGS
chrIV	3951340	3951490	0.0492	SCGCGCGS
chrIV	4518240	4518390	0.0492	SCGCGCGS
chrIV	502340	502490	0.0492	SCGCGCGS
chrIV	503600	503750	0.0492	SCGCGCGS
chrIV	5081960	5082110	0.0492	SCGCGCGS
chrIV	5786620	5786770	0.0492	SCGCGCGS
chrIV	5860880	5861030	0.0492	SCGCGCGS
chrIV	6655820	6655970	0.0492	SCGCGCGS
chrIV	8661620	8661770	0.0492	SCGCGCGS
chrIV	9175500	9175650	0.0492	SCGCGCGS
chrIV	9269040	9269190	0.0492	SCGCGCGS
chrV	11675180	11675330	0.0492	SCGCGCGS
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chrV	13576080	13576230	0.0492	SCGCGCGS
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chrV	18402540	18402690	0.0492	SCGCGCGS
chrV	185820	185970	0.0492	SCGCGCGS
chrV	18806980	18807130	0.0492	SCGCGCGS
chrV	18807380	18807530	0.0492	SCGCGCGS
chrV	18810260	18810410	0.0492	SCGCGCGS
chrV	19359700	19359850	0.0492	SCGCGCGS
chrV	20124460	20124610	0.0492	SCGCGCGS
chrV	20793920	20794070	0.0492	SCGCGCGS
chrV	6541900	6542050	0.0492	SCGCGCGS
chrV	6740240	6740390	0.0492	SCGCGCGS
chrV	6849140	6849290	0.0492	SCGCGCGS
chrV	7261280	7261430	0.0492	SCGCGCGS

chrV	7804180	7804330	0.0492	SCGCGCGS
chrV	8649940	8650090	0.0492	SCGCGCGS
chrV	8660580	8660730	0.0492	SCGCGCGS
chrV	9297040	9297190	0.0492	SCGCGCGS
chrX	1081940	1082090	0.0492	SCGCGCGS
chrX	11437740	11437890	0.0492	SCGCGCGS
chrX	12852960	12853110	0.0492	SCGCGCGS
chrX	1397760	1397910	0.0492	SCGCGCGS
chrX	15678560	15678710	0.0492	SCGCGCGS
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chrX	16153380	16153530	0.0492	SCGCGCGS
chrX	16527840	16527990	0.0492	SCGCGCGS
chrX	16591580	16591730	0.0492	SCGCGCGS
chrX	16778980	16779130	0.0492	SCGCGCGS
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chrX	17415740	17415890	0.0492	SCGCGCGS
chrX	2213660	2213810	0.0492	SCGCGCGS
chrX	2268120	2268270	0.0492	SCGCGCGS
chrX	2591700	2591850	0.0492	SCGCGCGS
chrX	2884740	2884890	0.0492	SCGCGCGS
chrX	3008340	3008490	0.0492	SCGCGCGS
chrX	324180	324330	0.0492	SCGCGCGS
chrX	4452080	4452230	0.0492	SCGCGCGS
chrX	5591920	5592070	0.0492	SCGCGCGS
chrX	5772940	5773090	0.0492	SCGCGCGS
chrX	6378400	6378550	0.0492	SCGCGCGS
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chrX	7971040	7971190	0.0492	SCGCGCGS
chrI	12612820	12612970	0.0429	TATTTYAAAAA
chrI	5536620	5536770	0.0429	TATTTYAAAAA
chrII	7573660	7573810	0.0429	TATTTYAAAAA
chrIV	15430440	15430590	0.0429	TATTTYAAAAA
chrIV	5723800	5723950	0.0429	TATTTYAAAAA
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chrIV	6669880	6670030	0.0429	TATTTYAAAAA
chrIV	6671180	6671330	0.0429	TATTTYAAAAA
chrIV	6671780	6671930	0.0429	TATTTYAAAAA
chrIV	6672420	6672570	0.0429	TATTTYAAAAA
chrIV	6672740	6672890	0.0429	TATTTYAAAAA
chrIV	6673100	6673250	0.0429	TATTTYAAAAA
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chrIV	6676500	6676650	0.0429	TATTTYAAAAA
chrIV	6686160	6686310	0.0429	TATTTYAAAAA
chrIV	6688220	6688370	0.0429	TATTTYAAAAA
chrIV	6688720	6688870	0.0429	TATTTYAAAAA
chrIV	6691780	6691930	0.0429	TATTTYAAAAA
chrIV	6699800	6699950	0.0429	TATTTYAAAAA

chrIV	6704140	6704290	0.0429 TATTTYAAAAA
chrIV	6704440	6704590	0.0429 TATTTYAAAAA
chrIV	6709600	6709750	0.0429 TATTTYAAAAA
chrIV	6726640	6726790	0.0429 TATTTYAAAAA
chrIV	6729580	6729730	0.0429 TATTTYAAAAA
chrIV	6730760	6730910	0.0429 TATTTYAAAAA
chrIV	6731280	6731430	0.0429 TATTTYAAAAA
chrIV	6731660	6731810	0.0429 TATTTYAAAAA
chrV	14589420	14589570	0.0429 TATTTYAAAAA
chrV	14589920	14590070	0.0429 TATTTYAAAAA
chrV	14590240	14590390	0.0429 TATTTYAAAAA
chrV	15682460	15682610	0.0429 TATTTYAAAAA
chrV	15684160	15684310	0.0429 TATTTYAAAAA
chrV	19649000	19649150	0.0429 TATTTYAAAAA
chrX	13369180	13369330	0.0429 TATTTYAAAAA

Promoter DHS Motifs

ce10	Chr	Start	End	q-value	Motif
chr1		10074800	10074950	0.0124	AGAGADARA
chr1		10074800	10074950	0.0297	AGAGADARA
chr1		10262206	10262310	0.0349	AGAGADARA
chr1		10262480	10262630	0.0421	AGAGADARA
chr1		10478140	10478290	0.0124	AGAGADARA
chr1		10478140	10478290	0.0268	AGAGADARA
chr1		1049280	1049430	0.0297	AGAGADARA
chr1		10538100	10538250	0.0297	AGAGADARA
chr1		10542820	10542970	0.0297	AGAGADARA
chr1		10565100	10565250	0.0214	AGAGADARA
chr1		10667720	10667870	0.0297	AGAGADARA
chr1		11483300	11483392	0.0214	AGAGADARA
chr1		1156120	1156270	0.0297	AGAGADARA
chr1		12106100	12106250	0.0297	AGAGADARA
chr1		1258227	1258370	0.0268	AGAGADARA
chr1		1258227	1258370	0.0297	AGAGADARA
chr1		12625380	12625530	0.0124	AGAGADARA
chr1		12682720	12682870	0.0297	AGAGADARA
chr1		13411451	13411550	0.0461	AGAGADARA
chr1		13732180	13732330	0.0124	AGAGADARA
chr1		14732120	14732270	0.0421	AGAGADARA
chr1		14867580	14867730	0.0214	AGAGADARA
chr1		1676600	1676750	0.0124	AGAGADARA
chr1		2026220	2026316	0.0124	AGAGADARA
chr1		2727700	2727850	0.0268	AGAGADARA
chr1		2755220	2755370	0.0124	AGAGADARA
chr1		2900980	2901130	0.0421	AGAGADARA
chr1		2900980	2901130	0.0461	AGAGADARA
chr1		3015360	3015510	0.0297	AGAGADARA
chr1		3671860	3672010	0.0124	AGAGADARA
chr1		3671860	3672010	0.0349	AGAGADARA
chr1		3740479	3740610	0.0124	AGAGADARA
chr1		3740479	3740610	0.0491	AGAGADARA
chr1		3816920	3817070	0.0124	AGAGADARA
chr1		3954160	3954310	0.0124	AGAGADARA
chr1		3954160	3954310	0.0268	AGAGADARA
chr1		4386520	4386670	0.0349	AGAGADARA
chr1		4662400	4662550	0.0124	AGAGADARA
chr1		4662400	4662550	0.0214	AGAGADARA
chr1		4662400	4662550	0.0268	AGAGADARA
chr1		4704420	4704570	0.0297	AGAGADARA
chr1		4821620	4821770	0.0124	AGAGADARA
chr1		4918200	4918350	0.0124	AGAGADARA
chr1		4918200	4918350	0.0268	AGAGADARA
chr1		4980180	4980307	0.0214	AGAGADARA

chrI	4996720	4996839	0.0124 AGAGADARA
chrI	4996720	4996839	0.0214 AGAGADARA
chrI	4996720	4996839	0.0268 AGAGADARA
chrI	5082320	5082470	0.0124 AGAGADARA
chrI	5100640	5100766	0.0214 AGAGADARA
chrI	5131140	5131288	0.0124 AGAGADARA
chrI	5131140	5131288	0.0214 AGAGADARA
chrI	5131140	5131288	0.0268 AGAGADARA
chrI	5134580	5134730	0.0124 AGAGADARA
chrI	5272620	5272770	0.0297 AGAGADARA
chrI	5416320	5416470	0.0297 AGAGADARA
chrI	542280	542430	0.0124 AGAGADARA
chrI	5607620	5607770	0.0268 AGAGADARA
chrI	5607620	5607770	0.0297 AGAGADARA
chrI	5626480	5626630	0.0124 AGAGADARA
chrI	5746560	5746710	0.0349 AGAGADARA
chrI	5746560	5746710	0.0461 AGAGADARA
chrI	5973580	5973730	0.0268 AGAGADARA
chrI	5973580	5973730	0.0297 AGAGADARA
chrI	5978420	5978570	0.0214 AGAGADARA
chrI	5978420	5978570	0.0268 AGAGADARA
chrI	6001099	6001230	0.0124 AGAGADARA
chrI	6001099	6001230	0.0268 AGAGADARA
chrI	6061033	6061170	0.0297 AGAGADARA
chrI	6166780	6166930	0.0297 AGAGADARA
chrI	6167620	6167770	0.0297 AGAGADARA
chrI	6223115	6223170	0.0297 AGAGADARA
chrI	6717600	6717750	0.0297 AGAGADARA
chrI	7064860	7065010	0.0214 AGAGADARA
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chrI	7859500	7859650	0.0297 AGAGADARA
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chrI	8147320	8147427	0.0461 AGAGADARA
chrI	8307620	8307770	0.0124 AGAGADARA
chrI	8315344	8315410	0.0349 AGAGADARA
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chrI	8808050	8808190	0.0297 AGAGADARA
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chrI	8865700	8865850	0.0214 AGAGADARA
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chrI	9500880	9501030	0.0214 AGAGADARA
chrI	9541160	9541310	0.0124 AGAGADARA
chrI	9541160	9541310	0.0491 AGAGADARA
chrI	9581480	9581630	0.0297 AGAGADARA
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chrI	9985080	9985230	0.0124 AGAGADARA
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chrII	10524474	10524610	0.0124 AGAGADARA
chrII	10524474	10524610	0.0268 AGAGADARA
chrII	10612900	10613020	0.0124 AGAGADARA
chrII	10717160	10717310	0.0124 AGAGADARA
chrII	10717160	10717310	0.0268 AGAGADARA
chrII	10860909	10861010	0.0124 AGAGADARA
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chrII	11312260	11312410	0.0124 AGAGADARA
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chrII	11612020	11612170	0.0214 AGAGADARA
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chrII	14734180	14734330	0.0124	AGAGADARA
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chrII	2290700	2290850	0.0214	AGAGADARA
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chrII	9891380	9891530	0.0214 AGAGADARA
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chrIII	10520600	10520676	0.0491 AGAGADARA
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chrIII	12031340	12031490	0.0124 AGAGADARA
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chrIII	2628900	2629011	0.0297 AGAGADARA
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chrIII	2716400	2716550	0.0349 AGAGADARA
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chrIV	15312100	15312250	0.0124 AGAGADARA
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chrIV	1824180	1824330	0.0124 AGAGADARA
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chrIV	2628240	2628390	0.0124 AGAGADARA
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chrIV	4288432	4288550	0.0268 AGAGADARA
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chrV	2127400	2127535	0.0297	AGAGADARA
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chrV	5790560	5790710	0.0491	AGAGADARA
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chrV	9191460	9191610	0.0297 AGAGADARA
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chrX	11798080	11798230	0.0297 AGAGADARA
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chrX	12480540	12480690	0.0297 AGAGADARA
chrX	12503480	12503630	0.0124 AGAGADARA

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chrX	13598080	13598230	0.0268	AGAGADARA
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chrX	14001620	14001770	0.0268	AGAGADARA
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chrX	14602720	14602870	0.0214	AGAGADARA
chrX	14815860	14815984	0.0297	AGAGADARA
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chrX	15606720	15606870	0.0491	AGAGADARA
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chrV	3571420	3571570	0.000512	CCCCCCCCYCCC
chrV	3571420	3571570	0.00834	CCCCCCCCYCCC
chrV	3571420	3571570	0.0089	CCCCCCCCYCCC
chrV	3571420	3571570	0.0484	CCCCCCCCYCCC
chrV	3739800	3739950	0.0187	CCCCCCCCYCCC
chrV	3739800	3739950	0.0263	CCCCCCCCYCCC
chrV	3739800	3739950	0.0369	CCCCCCCCYCCC
chrV	4369180	4369330	0.000512	CCCCCCCCYCCC
chrV	4369180	4369330	0.00834	CCCCCCCCYCCC
chrV	4369180	4369330	0.0089	CCCCCCCCYCCC
chrV	4369180	4369330	0.0484	CCCCCCCCYCCC
chrV	4700289	4700430	0.0369	CCCCCCCCYCCC
chrV	5410780	5410930	0.0089	CCCCCCCCYCCC
chrV	6102581	6102690	0.0369	CCCCCCCCYCCC
chrV	6633100	6633250	0.0263	CCCCCCCCYCCC
chrV	7861780	7861930	0.0161	CCCCCCCCYCCC
chrV	8039660	8039810	0.0187	CCCCCCCCYCCC
chrV	8039660	8039810	0.0369	CCCCCCCCYCCC
chrV	8545760	8545910	0.0282	CCCCCCCCYCCC
chrX	10172160	10172310	0.023	CCCCCCCCYCCC
chrX	10172160	10172310	0.0484	CCCCCCCCYCCC
chrX	10237200	10237350	0.023	CCCCCCCCYCCC

chrX	10237200	10237350	0.0484	CCCCCCCCYCCC
chrX	12171860	12172010	0.0484	CCCCCCCCYCCC
chrX	12282940	12283090	0.0161	CCCCCCCCYCCC
chrX	12480540	12480690	0.000512	CCCCCCCCYCCC
chrX	12480540	12480690	0.00834	CCCCCCCCYCCC
chrX	12480540	12480690	0.0089	CCCCCCCCYCCC
chrX	12981640	12981790	0.000512	CCCCCCCCYCCC
chrX	12981640	12981790	0.00109	CCCCCCCCYCCC
chrX	12981640	12981790	0.0089	CCCCCCCCYCCC
chrX	13682260	13682410	0.000512	CCCCCCCCYCCC
chrX	13682260	13682410	0.00623	CCCCCCCCYCCC
chrX	13682260	13682410	0.00834	CCCCCCCCYCCC
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chrX	13770780	13770930	0.00623	CCCCCCCCYCCC
chrX	13770780	13770930	0.0263	CCCCCCCCYCCC
chrX	14480300	14480450	0.0244	CCCCCCCCYCCC
chrX	14549720	14549870	0.0263	CCCCCCCCYCCC
chrX	14664160	14664289	0.000512	CCCCCCCCYCCC
chrX	14664160	14664289	0.00834	CCCCCCCCYCCC
chrX	14664160	14664289	0.0089	CCCCCCCCYCCC
chrX	14664160	14664289	0.0484	CCCCCCCCYCCC
chrX	14671520	14671670	0.000512	CCCCCCCCYCCC
chrX	14671520	14671670	0.00834	CCCCCCCCYCCC
chrX	14671520	14671670	0.0089	CCCCCCCCYCCC
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chrX	15309200	15309350	0.0161	CCCCCCCCYCCC
chrX	15493340	15493490	0.0161	CCCCCCCCYCCC
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chrX	15716460	15716610	0.000512	CCCCCCCCYCCC
chrX	15716460	15716610	0.00623	CCCCCCCCYCCC
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chrX	15716460	15716610	0.0263	CCCCCCCCYCCC
chrX	15865912	15866030	0.000512	CCCCCCCCYCCC
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chrX	15865912	15866030	0.00834	CCCCCCCCYCCC
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chrX	15887940	15888090	0.000512	CCCCCCCCYCCC
chrX	15887940	15888090	0.00623	CCCCCCCCYCCC
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chrX	16022478	16022570	0.0484	CCCCCCCCYCCC
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chrX	16265840	16265990	0.0161	CCCCCCCCYCCC
chrX	16398480	16398630	0.0187	CCCCCCCCYCCC
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chrX	16844994	16845070	0.0369	CCCCCCCCYCCC
chrX	17413880	17414030	0.000512	CCCCCCCCYCCC
chrX	17413880	17414030	0.0089	CCCCCCCCYCCC
chrX	17534200	17534350	0.0263	CCCCCCCCYCCC
chrX	17640780	17640930	0.0089	CCCCCCCCYCCC
chrX	2046346	2046470	0.00623	CCCCCCCCYCCC
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chrX	2180540	2180690	0.000512	CCCCCCCCYCCC
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chrX	2471360	2471510	0.0119	CCCCCCCCYCCC
chrX	2864160	2864291	0.0263	CCCCCCCCYCCC
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chrX	3024980	3025062	0.0141	CCCCCCCCYCCC
chrX	3040732	3040810	0.000512	CCCCCCCCYCCC
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chrX	3678760	3678910	0.000512	CCCCCCCCYCCC
chrX	3678760	3678910	0.00167	CCCCCCCCYCCC
chrX	3678760	3678910	0.00623	CCCCCCCCYCCC
chrX	3678760	3678910	0.00834	CCCCCCCCYCCC
chrX	3858000	3858150	0.0263	CCCCCCCCYCCC
chrX	3939160	3939310	0.000512	CCCCCCCCYCCC
chrX	3939160	3939310	0.00109	CCCCCCCCYCCC
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chrX	42680	42830	0.000512	CCCCCCCCYCCC
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chrX	4329920	4330070	0.000512	CCCCCCCCYCCC
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chrX	4720640	4720710	0.000512	CCCCCCCCYCCC
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chrX	6065986	6066130	0.000512	CCCCCCCCYCCC
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chrX	6889380	6889530	0.0484	CCCCCCCCYCCC
chrX	6940180	6940330	0.023	CCCCCCCCYCCC
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chrX	7842340	7842490	0.0187	CCCCCCCCYCCC
chrX	8704140	8704290	0.000512	CCCCCCCCYCCC
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chrI	10184200	10184244	0.0436	CGCGACGCR
chrI	10565980	10566130	0.0436	CGCGACGCR
chrI	11025840	11025990	0.0436	CGCGACGCR
chrI	11292140	11292290	0.0436	CGCGACGCR
chrI	11439020	11439170	0.0436	CGCGACGCR
chrI	13289840	13289990	0.0436	CGCGACGCR
chrI	14028940	14028997	0.0436	CGCGACGCR
chrI	14198380	14198530	0.0436	CGCGACGCR
chrI	1685980	1686130	0.0436	CGCGACGCR
chrI	1701860	1702010	0.0436	CGCGACGCR
chrI	2996100	2996250	0.0436	CGCGACGCR
chrI	382420	382570	0.0436	CGCGACGCR
chrI	8485694	8485790	0.0436	CGCGACGCR
chrI	9619900	9620050	0.0436	CGCGACGCR
chrI	9772620	9772770	0.0436	CGCGACGCR
chrII	11534600	11534750	0.0436	CGCGACGCR
chrII	11967560	11967710	0.0436	CGCGACGCR
chrII	2169511	2169650	0.0436	CGCGACGCR
chrII	2772266	2772350	0.0436	CGCGACGCR
chrII	2987980	2988130	0.0436	CGCGACGCR
chrII	4025840	4025990	0.0436	CGCGACGCR
chrII	7152400	7152550	0.0436	CGCGACGCR
chrIII	12688020	12688170	0.0436	CGCGACGCR
chrIII	12713877	12714010	0.0436	CGCGACGCR
chrIII	13070540	13070690	0.0436	CGCGACGCR
chrIII	13771242	13771350	0.0436	CGCGACGCR
chrIII	5172360	5172510	0.0436	CGCGACGCR

chrIII	5207100	5207250	0.0436	CGCGACGCR
chrIII	6551480	6551630	0.0436	CGCGACGCR
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chrIII	7162360	7162510	0.0436	CGCGACGCR
chrIII	8009821	8009970	0.0436	CGCGACGCR
chrIV	1012580	1012652	0.0436	CGCGACGCR
chrIV	12123000	12123150	0.0436	CGCGACGCR
chrIV	13461140	13461290	0.0436	CGCGACGCR
chrIV	15312100	15312250	0.0436	CGCGACGCR
chrIV	17345000	17345150	0.0436	CGCGACGCR
chrIV	255560	255710	0.0436	CGCGACGCR
chrIV	2804980	2805130	0.0436	CGCGACGCR
chrIV	3338867	3338950	0.0436	CGCGACGCR
chrIV	3636660	3636810	0.0436	CGCGACGCR
chrIV	6601360	6601510	0.0436	CGCGACGCR
chrV	19207460	19207610	0.0436	CGCGACGCR
chrV	7735000	7735150	0.0436	CGCGACGCR
chrX	16292990	16293070	0.0436	CGCGACGCR
chrX	17711700	17711850	0.0436	CGCGACGCR
chrX	2089560	2089666	0.0436	CGCGACGCR
chrX	4960440	4960553	0.0436	CGCGACGCR
chrX	8811040	8811190	0.0436	CGCGACGCR
chrI	10924020	10924170	0.0215	CGTAAATCKAC
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chrI	11439020	11439170	0.0496	CGTAAATCKAC
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chrI	13391640	13391790	0.015	CGTAAATCKAC
chrI	1842000	1842150	0.015	CGTAAATCKAC
chrI	2313060	2313210	0.015	CGTAAATCKAC
chrI	4175020	4175170	0.015	CGTAAATCKAC
chrI	7099705	7099790	0.015	CGTAAATCKAC
chrII	10872640	10872790	0.015	CGTAAATCKAC
chrII	10872640	10872790	0.0215	CGTAAATCKAC
chrII	11652906	11652990	0.015	CGTAAATCKAC
chrII	4299340	4299490	0.0215	CGTAAATCKAC
chrII	6800340	6800490	0.015	CGTAAATCKAC
chrII	8964901	8965010	0.0215	CGTAAATCKAC
chrIII	3404580	3404730	0.015	CGTAAATCKAC
chrIII	5679033	5679170	0.015	CGTAAATCKAC
chrIII	9406680	9406830	0.0215	CGTAAATCKAC
chrIV	12268460	12268610	0.015	CGTAAATCKAC
chrIV	16865600	16865750	0.0215	CGTAAATCKAC
chrIV	240440	240552	0.036	CGTAAATCKAC
chrIV	2495220	2495370	0.036	CGTAAATCKAC
chrIV	3354700	3354850	0.0215	CGTAAATCKAC
chrIV	3354700	3354850	0.0323	CGTAAATCKAC

chrIV	3387000	3387150	0.015	CGTAAATCKAC
chrIV	3807420	3807570	0.015	CGTAAATCKAC
chrIV	4445841	4445970	0.0215	CGTAAATCKAC
chrIV	654860	655010	0.015	CGTAAATCKAC
chrV	1197160	1197310	0.015	CGTAAATCKAC
chrV	12728380	12728530	0.015	CGTAAATCKAC
chrV	18236900	18237050	0.015	CGTAAATCKAC
chrV	18403380	18403530	0.0215	CGTAAATCKAC
chrV	20269840	20269990	0.015	CGTAAATCKAC
chrV	6107600	6107750	0.036	CGTAAATCKAC
chrX	17711700	17711850	0.0496	CGTAAATCKAC
chrX	8791880	8792030	0.015	CGTAAATCKAC
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chrI	12206660	12206810	0.0478	CRCACACW
chrI	1444300	1444450	0.0478	CRCACACW
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chrI	2727700	2727850	0.0478	CRCACACW
chrI	3759120	3759270	0.0478	CRCACACW
chrI	4684520	4684670	0.0478	CRCACACW
chrI	4914300	4914450	0.0478	CRCACACW
chrI	4918200	4918350	0.0478	CRCACACW
chrI	6757160	6757310	0.0478	CRCACACW
chrI	6974380	6974530	0.0478	CRCACACW
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chrI	7384040	7384190	0.0478	CRCACACW
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chrI	8147320	8147427	0.0478	CRCACACW
chrI	8426800	8426950	0.0478	CRCACACW
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chrI	9985080	9985230	0.0478	CRCACACW
chrII	10169440	10169590	0.0478	CRCACACW
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chrII	11880588	11880730	0.0478	CRCACACW
chrII	13668900	13669050	0.0478	CRCACACW
chrII	13756300	13756450	0.0478	CRCACACW
chrII	14734180	14734330	0.0478	CRCACACW
chrII	194640	194790	0.0478	CRCACACW
chrII	2452580	2452730	0.0478	CRCACACW
chrII	3736980	3737130	0.0478	CRCACACW
chrII	4038660	4038810	0.0478	CRCACACW
chrII	4638384	4638450	0.0478	CRCACACW
chrII	4726262	4726350	0.0478	CRCACACW
chrII	5136520	5136670	0.0478	CRCACACW

chrII	6618060	6618210	0.0478 CRCACACW
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chrIII	10016534	10016770	0.0478 CRCACACW
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chrIII	10640500	10640650	0.0478 CRCACACW
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chrIII	11397660	11397810	0.0478 CRCACACW
chrIII	11402780	11402930	0.0478 CRCACACW
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chrIII	12608620	12608770	0.0478 CRCACACW
chrIII	13606200	13606350	0.0478 CRCACACW
chrIII	13622780	13622930	0.0478 CRCACACW
chrIII	156760	156824	0.0478 CRCACACW
chrIII	1943628	1943770	0.0478 CRCACACW
chrIII	2700700	2700850	0.0478 CRCACACW
chrIII	3424743	3424790	0.0478 CRCACACW
chrIII	3643672	3643750	0.0478 CRCACACW
chrIII	399640	399790	0.0478 CRCACACW
chrIII	4190340	4190490	0.0478 CRCACACW
chrIII	5474380	5474478	0.0478 CRCACACW
chrIII	5564920	5565025	0.0478 CRCACACW
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chrIII	8524740	8524890	0.0478 CRCACACW
chrIII	8767400	8767550	0.0478 CRCACACW
chrIII	8867100	8867250	0.0478 CRCACACW
chrIV	11282160	11282310	0.0478 CRCACACW
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chrIV	12599260	12599410	0.0478 CRCACACW
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chrIV	1824180	1824330	0.0478 CRCACACW
chrIV	3338867	3338950	0.0478 CRCACACW
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chrIV	448740	448890	0.0478 CRCACACW
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chrIV	6431700	6431850	0.0478 CRCACACW
chrIV	7568720	7568870	0.0478 CRCACACW
chrIV	8112260	8112410	0.0478 CRCACACW
chrIV	8428680	8428830	0.0478 CRCACACW
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chrIV	9147060	9147210	0.0478 CRCACACW
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chrV	10943862	10944010	0.0478 CRCACACW
chrV	1164340	1164490	0.0478 CRCACACW
chrV	13295913	13296050	0.0478 CRCACACW
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chrV	17800780	17800838	0.0478 CRCACACW
chrV	19429040	19429190	0.0478 CRCACACW
chrV	20485540	20485690	0.0478 CRCACACW
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chrV	5027880	5028030	0.0478 CRCACACW
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chrX	230020	230170	0.0478 CRCACACW
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chrX	2515580	2515730	0.0478 CRCACACW
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chrX	3059385	3059490	0.0478 CRCACACW
chrX	3451222	3451350	0.0478 CRCACACW
chrX	3788600	3788750	0.0478 CRCACACW
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chrX	4115000	4115150	0.0478 CRCACACW
chrX	4254940	4255090	0.0478 CRCACACW
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chrX	5368360	5368468	0.0478 CRCACACW
chrX	5641460	5641610	0.0478 CRCACACW
chrX	6967180	6967330	0.0478 CRCACACW
chrX	7158660	7158810	0.0478 CRCACACW
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chrI	1444300	1444450	0.0474 GAGACSCA
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chrI	14732120	14732270	0.0474 GAGACSCA

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chrII	2920920	2921070	0.0474 GAGACSCA
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chrII	8062340	8062490	0.0243	GCGCGTTTTC
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chrIV	13386160	13386294	0.0243	GCGCGTTTTC
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chrV	15668900	15669050	0.0243	GCGCGTTTTC
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chrV	1918080	1918230	0.0243	GCGCGTTTTC
chrV	3597400	3597550	0.0243	GCGCGTTTTC
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chrV	773400	773550	0.0243	GCGCGTTTTC
chrX	11546680	11546830	0.0243	GCGCGTTTTC
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chrX	3605800	3605950	0.0386	GCGCGTTTTC
chrX	3678760	3678910	0.0243	GCGCGTTTTC
chrX	7661660	7661810	0.0243	GCGCGTTTTC
chrX	768200	768350	0.0243	GCGCGTTTTC
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chrI	10517100	10517250	0.0354	GCRGCCGACA
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chrII	11948360	11948510	0.0308	GCRGCCGACA

chrII	12383020	12383170	0.0308	GCRGCCGACA
chrII	14002560	14002710	0.0308	GCRGCCGACA
chrII	14010740	14010890	0.0308	GCRGCCGACA
chrII	14010740	14010890	0.0354	GCRGCCGACA
chrII	2747920	2748070	0.0308	GCRGCCGACA
chrII	2747920	2748070	0.0354	GCRGCCGACA
chrII	2934600	2934750	0.0308	GCRGCCGACA
chrII	3154940	3155090	0.0308	GCRGCCGACA
chrII	3184860	3185010	0.0308	GCRGCCGACA
chrII	3202840	3202990	0.0308	GCRGCCGACA
chrII	3975900	3976050	0.0308	GCRGCCGACA
chrII	7892980	7893130	0.0354	GCRGCCGACA
chrII	879000	879150	0.0308	GCRGCCGACA
chrIII	11372440	11372590	0.0308	GCRGCCGACA
chrIII	11732780	11732930	0.0308	GCRGCCGACA
chrIII	11789540	11789690	0.0354	GCRGCCGACA
chrIII	5479200	5479350	0.0354	GCRGCCGACA
chrIV	1461540	1461690	0.0354	GCRGCCGACA
chrIV	1517700	1517850	0.0308	GCRGCCGACA
chrIV	2333560	2333710	0.0354	GCRGCCGACA
chrIV	8428680	8428830	0.0354	GCRGCCGACA
chrV	17695940	17696090	0.0308	GCRGCCGACA
chrV	17697060	17697210	0.0308	GCRGCCGACA
chrV	17699560	17699710	0.0308	GCRGCCGACA
chrV	18720200	18720350	0.0308	GCRGCCGACA
chrV	2046420	2046570	0.0354	GCRGCCGACA
chrV	3164440	3164590	0.0354	GCRGCCGACA
chrV	3227520	3227670	0.0308	GCRGCCGACA
chrV	4332740	4332890	0.0354	GCRGCCGACA
chrV	8247900	8248050	0.0354	GCRGCCGACA
chrX	1027500	1027650	0.0308	GCRGCCGACA
chrX	15407540	15407690	0.0308	GCRGCCGACA
chrX	9137640	9137790	0.0308	GCRGCCGACA
chrI	10330560	10330710	0.0485	GGTCTCGCM
chrI	1033540	1033690	0.0346	GGTCTCGCM
chrI	1041020	1041170	0.0485	GGTCTCGCM
chrI	10793320	10793401	0.0346	GGTCTCGCM
chrI	1156120	1156270	0.0346	GGTCTCGCM
chrI	11611400	11611550	0.0485	GGTCTCGCM
chrI	12518900	12519050	0.0346	GGTCTCGCM
chrI	12806860	12807010	0.0346	GGTCTCGCM
chrI	12923760	12923910	0.0346	GGTCTCGCM
chrI	13653920	13654029	0.0346	GGTCTCGCM
chrI	13951760	13951910	0.0346	GGTCTCGCM
chrI	1832641	1832770	0.0346	GGTCTCGCM
chrI	1835540	1835679	0.0485	GGTCTCGCM
chrI	2758620	2758770	0.0485	GGTCTCGCM

chrI	2928140	2928290	0.0346	GGTCTCGCM
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chrI	382420	382570	0.0346	GGTCTCGCM
chrI	4647180	4647318	0.0346	GGTCTCGCM
chrI	6369800	6369950	0.0346	GGTCTCGCM
chrI	6717260	6717410	0.0346	GGTCTCGCM
chrI	6973940	6974090	0.0346	GGTCTCGCM
chrI	7029320	7029470	0.0346	GGTCTCGCM
chrI	7099705	7099790	0.0346	GGTCTCGCM
chrI	7234782	7234870	0.0485	GGTCTCGCM
chrI	8426280	8426430	0.0346	GGTCTCGCM
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chrI	9688800	9688950	0.0346	GGTCTCGCM
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chrI	9960180	9960330	0.0485	GGTCTCGCM
chrII	10174440	10174590	0.0485	GGTCTCGCM
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chrII	10872640	10872790	0.0346	GGTCTCGCM
chrII	11652906	11652990	0.0346	GGTCTCGCM
chrII	11874820	11874970	0.0485	GGTCTCGCM
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chrII	12880420	12880570	0.0485	GGTCTCGCM
chrII	13122280	13122430	0.0346	GGTCTCGCM
chrII	15232802	15232930	0.0346	GGTCTCGCM
chrII	2232600	2232750	0.0346	GGTCTCGCM
chrII	2919660	2919715	0.0346	GGTCTCGCM
chrII	3077080	3077230	0.0346	GGTCTCGCM
chrII	3675500	3675624	0.0346	GGTCTCGCM
chrII	4236040	4236190	0.0346	GGTCTCGCM
chrII	4299340	4299490	0.0485	GGTCTCGCM
chrII	4706488	4706590	0.0346	GGTCTCGCM
chrII	739420	739570	0.0346	GGTCTCGCM
chrII	8787480	8787630	0.0485	GGTCTCGCM
chrII	9273042	9273130	0.0346	GGTCTCGCM
chrII	9746160	9746310	0.0485	GGTCTCGCM
chrIII	11524120	11524270	0.0346	GGTCTCGCM
chrIII	12978820	12978970	0.0346	GGTCTCGCM
chrIII	13462940	13463090	0.0346	GGTCTCGCM
chrIII	1418800	1418950	0.0346	GGTCTCGCM
chrIII	2946880	2947030	0.0346	GGTCTCGCM
chrIII	3404580	3404730	0.0346	GGTCTCGCM
chrIII	3505240	3505390	0.0346	GGTCTCGCM
chrIII	4313124	4313250	0.0346	GGTCTCGCM
chrIII	4811162	4811210	0.0346	GGTCTCGCM

chrIII	5081120	5081270	0.0485	GGTCTCGCM
chrIII	5228080	5228230	0.0485	GGTCTCGCM
chrIII	5275060	5275210	0.0346	GGTCTCGCM
chrIII	5543168	5543250	0.0346	GGTCTCGCM
chrIII	6608160	6608310	0.0485	GGTCTCGCM
chrIII	7189760	7189910	0.0346	GGTCTCGCM
chrIII	7336220	7336370	0.0346	GGTCTCGCM
chrIII	7829000	7829150	0.0346	GGTCTCGCM
chrIII	8101100	8101250	0.0485	GGTCTCGCM
chrIII	8130463	8130550	0.0485	GGTCTCGCM
chrIII	86440	86590	0.0485	GGTCTCGCM
chrIII	9602700	9602850	0.0346	GGTCTCGCM
chrIV	1021500	1021650	0.0346	GGTCTCGCM
chrIV	10367980	10368130	0.0346	GGTCTCGCM
chrIV	11337184	11337250	0.0485	GGTCTCGCM
chrIV	11566240	11566390	0.0485	GGTCTCGCM
chrIV	12408720	12408870	0.0346	GGTCTCGCM
chrIV	13370420	13370570	0.0346	GGTCTCGCM
chrIV	13777580	13777730	0.0485	GGTCTCGCM
chrIV	13881880	13882030	0.0346	GGTCTCGCM
chrIV	1419860	1420010	0.0346	GGTCTCGCM
chrIV	15037040	15037190	0.0346	GGTCTCGCM
chrIV	2495220	2495370	0.0346	GGTCTCGCM
chrIV	2801160	2801310	0.0485	GGTCTCGCM
chrIV	2805540	2805690	0.0485	GGTCTCGCM
chrIV	3338867	3338950	0.0346	GGTCTCGCM
chrIV	379700	379850	0.0346	GGTCTCGCM
chrIV	425680	425830	0.0346	GGTCTCGCM
chrIV	4352500	4352618	0.0346	GGTCTCGCM
chrIV	4393660	4393810	0.0485	GGTCTCGCM
chrIV	4445841	4445970	0.0485	GGTCTCGCM
chrIV	4658840	4658990	0.0346	GGTCTCGCM
chrIV	4660400	4660550	0.0485	GGTCTCGCM
chrIV	5947860	5948010	0.0485	GGTCTCGCM
chrIV	6323780	6323930	0.0485	GGTCTCGCM
chrIV	6910160	6910310	0.0346	GGTCTCGCM
chrIV	7314020	7314170	0.0346	GGTCTCGCM
chrIV	7909520	7909670	0.0485	GGTCTCGCM
chrIV	7924220	7924350	0.0485	GGTCTCGCM
chrIV	7982120	7982270	0.0346	GGTCTCGCM
chrIV	8511160	8511284	0.0346	GGTCTCGCM
chrIV	9509780	9509930	0.0346	GGTCTCGCM
chrV	107080	107230	0.0346	GGTCTCGCM
chrV	14457220	14457370	0.0485	GGTCTCGCM
chrV	15002195	15002310	0.0485	GGTCTCGCM
chrV	19916200	19916350	0.0346	GGTCTCGCM
chrV	20155620	20155770	0.0346	GGTCTCGCM

chrV	20269840	20269990	0.0485	GGTCTCGCM
chrV	20479260	20479410	0.0346	GGTCTCGCM
chrV	4175720	4175870	0.0485	GGTCTCGCM
chrV	4827080	4827230	0.0485	GGTCTCGCM
chrV	5270940	5271090	0.0346	GGTCTCGCM
chrV	5439220	5439370	0.0346	GGTCTCGCM
chrV	5771767	5771910	0.0346	GGTCTCGCM
chrV	7776260	7776410	0.0485	GGTCTCGCM
chrX	166220	166370	0.0346	GGTCTCGCM
chrX	182320	182470	0.0346	GGTCTCGCM
chrX	2237560	2237710	0.0485	GGTCTCGCM
chrX	3792980	3793130	0.0485	GGTCTCGCM
chrX	4469400	4469550	0.0485	GGTCTCGCM
chrX	47460	47610	0.0346	GGTCTCGCM
chrX	5953220	5953370	0.0485	GGTCTCGCM
chrX	8286860	8287010	0.0485	GGTCTCGCM
chrX	8422055	8422190	0.0485	GGTCTCGCM
chrI	1033540	1033690	0.0217	GYGCCTTTAA
chrI	1041020	1041170	0.0217	GYGCCTTTAA
chrI	10588060	10588177	0.0217	GYGCCTTTAA
chrI	1156120	1156270	0.0217	GYGCCTTTAA
chrI	11611400	11611550	0.0217	GYGCCTTTAA
chrI	12806860	12807010	0.0217	GYGCCTTTAA
chrI	13653920	13654029	0.0217	GYGCCTTTAA
chrI	13951760	13951910	0.0217	GYGCCTTTAA
chrI	1832641	1832770	0.0217	GYGCCTTTAA
chrI	2313060	2313210	0.0217	GYGCCTTTAA
chrI	4175020	4175170	0.0217	GYGCCTTTAA
chrI	506260	506410	0.0408	GYGCCTTTAA
chrI	5272100	5272250	0.0217	GYGCCTTTAA
chrI	6369800	6369950	0.0217	GYGCCTTTAA
chrI	6446540	6446690	0.0408	GYGCCTTTAA
chrI	6973940	6974090	0.0408	GYGCCTTTAA
chrI	7588500	7588650	0.0217	GYGCCTTTAA
chrI	9287140	9287290	0.0217	GYGCCTTTAA
chrII	11097400	11097550	0.0217	GYGCCTTTAA
chrII	12224960	12225110	0.0217	GYGCCTTTAA
chrII	12880420	12880570	0.0217	GYGCCTTTAA
chrII	14815000	14815150	0.0217	GYGCCTTTAA
chrII	6516180	6516330	0.0408	GYGCCTTTAA
chrII	7394460	7394610	0.0217	GYGCCTTTAA
chrII	8658880	8659030	0.0217	GYGCCTTTAA
chrII	9680420	9680570	0.0408	GYGCCTTTAA
chrII	9746160	9746310	0.0217	GYGCCTTTAA
chrIII	12453300	12453450	0.0217	GYGCCTTTAA
chrIII	3396260	3396410	0.0217	GYGCCTTTAA
chrIII	3404580	3404730	0.0217	GYGCCTTTAA

chrIII	4028129	4028230	0.0217 GYGCCTTTAA
chrIII	4822226	4822370	0.0217 GYGCCTTTAA
chrIII	5081120	5081270	0.0217 GYGCCTTTAA
chrIII	5382001	5382150	0.0217 GYGCCTTTAA
chrIII	5591860	5592010	0.0217 GYGCCTTTAA
chrIII	6206320	6206470	0.0217 GYGCCTTTAA
chrIII	6608160	6608310	0.0217 GYGCCTTTAA
chrIII	7310780	7310930	0.0408 GYGCCTTTAA
chrIII	7829000	7829150	0.0217 GYGCCTTTAA
chrIV	10367980	10368130	0.0217 GYGCCTTTAA
chrIV	15037040	15037190	0.0217 GYGCCTTTAA
chrIV	3338867	3338950	0.0408 GYGCCTTTAA
chrIV	379700	379850	0.0217 GYGCCTTTAA
chrIV	425680	425830	0.0217 GYGCCTTTAA
chrIV	4393660	4393810	0.0217 GYGCCTTTAA
chrIV	4660400	4660550	0.0217 GYGCCTTTAA
chrIV	5280280	5280430	0.0217 GYGCCTTTAA
chrIV	6117920	6118070	0.0217 GYGCCTTTAA
chrIV	6347900	6348050	0.0217 GYGCCTTTAA
chrIV	6910160	6910310	0.0217 GYGCCTTTAA
chrIV	7924220	7924350	0.0217 GYGCCTTTAA
chrV	14457220	14457370	0.0217 GYGCCTTTAA
chrV	18969780	18969930	0.0217 GYGCCTTTAA
chrV	19916200	19916350	0.0217 GYGCCTTTAA
chrV	20269840	20269990	0.0217 GYGCCTTTAA
chrV	20479260	20479410	0.0217 GYGCCTTTAA
chrV	4169835	4169898	0.0408 GYGCCTTTAA
chrV	4175720	4175870	0.0217 GYGCCTTTAA
chrV	5771767	5771910	0.0408 GYGCCTTTAA
chrX	182320	182470	0.0217 GYGCCTTTAA

Intron DHS Motifs

ce10 Chr	Start	End	q-value	Motif
chr1	10100020	10100170	0.0302	AAMAAAAAAC
chr1	10124900	10125050	0.0203	AAMAAAAAAC
chr1	11002820	11002970	0.0203	AAMAAAAAAC
chr1	11040220	11040370	0.0203	AAMAAAAAAC
chr1	11125360	11125510	0.0203	AAMAAAAAAC
chr1	12536840	12536870	0.0203	AAMAAAAAAC
chr1	12743300	12743450	0.0203	AAMAAAAAAC
chr1	12892820	12892970	0.0203	AAMAAAAAAC
chr1	13382140	13382290	0.0203	AAMAAAAAAC
chr1	13716960	13717110	0.0499	AAMAAAAAAC
chr1	14094960	14095110	0.0302	AAMAAAAAAC
chr1	14214588	14214670	0.0203	AAMAAAAAAC
chr1	1440000	1440150	0.0203	AAMAAAAAAC
chr1	14898720	14898870	0.0203	AAMAAAAAAC
chr1	14930120	14930270	0.0302	AAMAAAAAAC
chr1	14975680	14975830	0.0378	AAMAAAAAAC
chr1	14977640	14977777	0.0203	AAMAAAAAAC
chr1	1681300	1681450	0.0203	AAMAAAAAAC
chr1	1702420	1702570	0.0203	AAMAAAAAAC
chr1	1755560	1755710	0.0203	AAMAAAAAAC
chr1	2723520	2723670	0.0378	AAMAAAAAAC
chr1	2829660	2829810	0.0203	AAMAAAAAAC
chr1	2945580	2945730	0.0203	AAMAAAAAAC
chr1	2984720	2984766	0.0499	AAMAAAAAAC
chr1	3066180	3066330	0.0203	AAMAAAAAAC
chr1	3271280	3271430	0.0203	AAMAAAAAAC
chr1	3421260	3421410	0.0203	AAMAAAAAAC
chr1	3512180	3512330	0.0203	AAMAAAAAAC
chr1	3512180	3512330	0.0378	AAMAAAAAAC
chr1	3592900	3593050	0.0203	AAMAAAAAAC
chr1	3734120	3734270	0.0203	AAMAAAAAAC
chr1	3938240	3938270	0.0203	AAMAAAAAAC
chr1	4012840	4012990	0.0203	AAMAAAAAAC
chr1	4082920	4083014	0.0302	AAMAAAAAAC
chr1	4124000	4124150	0.0302	AAMAAAAAAC
chr1	4335040	4335093	0.0203	AAMAAAAAAC
chr1	4533000	4533150	0.0203	AAMAAAAAAC
chr1	4712760	4712883	0.0203	AAMAAAAAAC
chr1	484640	484788	0.0203	AAMAAAAAAC
chr1	4885120	4885187	0.0203	AAMAAAAAAC
chr1	5312120	5312270	0.0203	AAMAAAAAAC
chr1	5634860	5635010	0.0203	AAMAAAAAAC
chr1	6000360	6000510	0.0203	AAMAAAAAAC
chr1	6122940	6123090	0.0378	AAMAAAAAAC
chr1	6465920	6466070	0.0203	AAMAAAAAAC
chr1	6577800	6577950	0.0203	AAMAAAAAAC
chr1	7440140	7440290	0.0302	AAMAAAAAAC
chr1	8195200	8195350	0.0203	AAMAAAAAAC
chr1	8317160	8317310	0.0203	AAMAAAAAAC
chr1	9200780	9200930	0.0378	AAMAAAAAAC
chr1	9381740	9381890	0.0302	AAMAAAAAAC
chr1	9555780	9555930	0.0378	AAMAAAAAAC

chrI	9742060	9742210	0.0203	AAMAAAAAAC
chrI	996094	996170	0.0302	AAMAAAAAAC
chrII	10753600	10753750	0.0203	AAMAAAAAAC
chrII	10793240	10793326	0.0203	AAMAAAAAAC
chrII	10973280	10973430	0.0302	AAMAAAAAAC
chrII	11081480	11081630	0.0203	AAMAAAAAAC
chrII	11363380	11363530	0.0378	AAMAAAAAAC
chrII	11572200	11572350	0.0203	AAMAAAAAAC
chrII	11650500	11650590	0.0203	AAMAAAAAAC
chrII	11695760	11695910	0.0203	AAMAAAAAAC
chrII	11710120	11710270	0.0378	AAMAAAAAAC
chrII	11920180	11920330	0.0203	AAMAAAAAAC
chrII	11928920	11929070	0.0203	AAMAAAAAAC
chrII	11984020	11984170	0.0499	AAMAAAAAAC
chrII	12130540	12130690	0.0203	AAMAAAAAAC
chrII	12365760	12365910	0.0203	AAMAAAAAAC
chrII	1282243	1282270	0.0203	AAMAAAAAAC
chrII	12939140	12939290	0.0203	AAMAAAAAAC
chrII	12941680	12941783	0.0203	AAMAAAAAAC
chrII	13345680	13345830	0.0302	AAMAAAAAAC
chrII	13450200	13450350	0.0203	AAMAAAAAAC
chrII	1372380	1372457	0.0378	AAMAAAAAAC
chrII	13780620	13780770	0.0203	AAMAAAAAAC
chrII	14069203	14069330	0.0203	AAMAAAAAAC
chrII	14760080	14760230	0.0203	AAMAAAAAAC
chrII	14904100	14904250	0.0302	AAMAAAAAAC
chrII	2683661	2683713	0.0203	AAMAAAAAAC
chrII	3969740	3969890	0.0203	AAMAAAAAAC
chrII	4024100	4024250	0.0203	AAMAAAAAAC
chrII	4116200	4116350	0.0203	AAMAAAAAAC
chrII	4276760	4276910	0.0203	AAMAAAAAAC
chrII	4327560	4327710	0.0203	AAMAAAAAAC
chrII	4716480	4716630	0.0203	AAMAAAAAAC
chrII	505500	505650	0.0203	AAMAAAAAAC
chrII	523000	523150	0.0203	AAMAAAAAAC
chrII	5723880	5724030	0.0203	AAMAAAAAAC
chrII	5790600	5790733	0.0203	AAMAAAAAAC
chrII	6106300	6106450	0.0378	AAMAAAAAAC
chrII	7165562	7165690	0.0203	AAMAAAAAAC
chrII	7921260	7921410	0.0203	AAMAAAAAAC
chrII	8676780	8676803	0.0378	AAMAAAAAAC
chrII	9733840	9733990	0.0378	AAMAAAAAAC
chrIII	10517760	10517910	0.0203	AAMAAAAAAC
chrIII	11038511	11038550	0.0203	AAMAAAAAAC
chrIII	11039280	11039430	0.0203	AAMAAAAAAC
chrIII	11177680	11177804	0.0378	AAMAAAAAAC
chrIII	11336160	11336310	0.0203	AAMAAAAAAC
chrIII	11582492	11582630	0.0203	AAMAAAAAAC
chrIII	11664540	11664690	0.0203	AAMAAAAAAC
chrIII	1177620	1177711	0.0203	AAMAAAAAAC
chrIII	12054840	12054990	0.0302	AAMAAAAAAC
chrIII	12210800	12210950	0.0203	AAMAAAAAAC
chrIII	12211940	12212090	0.0302	AAMAAAAAAC
chrIII	12342860	12343010	0.0302	AAMAAAAAAC

chrIII	12696720	12696870	0.0203	AAMAAAAAAC
chrIII	12794460	12794610	0.0203	AAMAAAAAAC
chrIII	12887480	12887630	0.0203	AAMAAAAAAC
chrIII	13089820	13089970	0.0203	AAMAAAAAAC
chrIII	13350360	13350510	0.0203	AAMAAAAAAC
chrIII	13578394	13578445	0.0378	AAMAAAAAAC
chrIII	13688951	13689090	0.0203	AAMAAAAAAC
chrIII	13730526	13730670	0.0203	AAMAAAAAAC
chrIII	1412880	1413030	0.0378	AAMAAAAAAC
chrIII	1850280	1850364	0.0203	AAMAAAAAAC
chrIII	2324900	2325050	0.0203	AAMAAAAAAC
chrIII	2509540	2509690	0.0302	AAMAAAAAAC
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chrIII	3110340	3110490	0.0203	AAMAAAAAAC
chrIII	3143600	3143654	0.0203	AAMAAAAAAC
chrIII	3229640	3229790	0.0302	AAMAAAAAAC
chrIII	3356420	3356570	0.0302	AAMAAAAAAC
chrIII	3360075	3360130	0.0203	AAMAAAAAAC
chrIII	3382400	3382550	0.0378	AAMAAAAAAC
chrIII	3784660	3784810	0.0203	AAMAAAAAAC
chrIII	3796880	3797030	0.0203	AAMAAAAAAC
chrIII	3826520	3826645	0.0203	AAMAAAAAAC
chrIII	3885920	3886070	0.0203	AAMAAAAAAC
chrIII	4133700	4133840	0.0203	AAMAAAAAAC
chrIII	4497780	4497930	0.0203	AAMAAAAAAC
chrIII	454391	454490	0.0203	AAMAAAAAAC
chrIII	4939451	4939490	0.0378	AAMAAAAAAC
chrIII	4953080	4953230	0.0203	AAMAAAAAAC
chrIII	4968100	4968250	0.0203	AAMAAAAAAC
chrIII	499600	499750	0.0302	AAMAAAAAAC
chrIII	5066860	5067010	0.0378	AAMAAAAAAC
chrIII	5642160	5642310	0.0203	AAMAAAAAAC
chrIII	5758740	5758890	0.0203	AAMAAAAAAC
chrIII	6135220	6135370	0.0203	AAMAAAAAAC
chrIII	6419580	6419730	0.0302	AAMAAAAAAC
chrIII	6994840	6994990	0.0378	AAMAAAAAAC
chrIII	7715220	7715370	0.0378	AAMAAAAAAC
chrIII	787980	788130	0.0203	AAMAAAAAAC
chrIII	8295220	8295370	0.0378	AAMAAAAAAC
chrIII	8504840	8504990	0.0203	AAMAAAAAAC
chrIII	9479580	9479730	0.0378	AAMAAAAAAC
chrIII	9480820	9480970	0.0499	AAMAAAAAAC
chrIII	9701340	9701490	0.0203	AAMAAAAAAC
chrIII	9903940	9904090	0.0203	AAMAAAAAAC
chrIV	10192480	10192630	0.0378	AAMAAAAAAC
chrIV	1146340	1146490	0.0302	AAMAAAAAAC
chrIV	1150000	1150150	0.0302	AAMAAAAAAC
chrIV	11537480	11537630	0.0203	AAMAAAAAAC
chrIV	11717720	11717870	0.0203	AAMAAAAAAC
chrIV	11817020	11817170	0.0378	AAMAAAAAAC
chrIV	12202600	12202750	0.0302	AAMAAAAAAC
chrIV	12295780	12295930	0.0378	AAMAAAAAAC

chrIV	12506560	12506630	0.0302	AAMAAAAAAC
chrIV	12609140	12609290	0.0203	AAMAAAAAAC
chrIV	13022920	13023070	0.0203	AAMAAAAAAC
chrIV	13030540	13030690	0.0203	AAMAAAAAAC
chrIV	13231420	13231570	0.0499	AAMAAAAAAC
chrIV	13293320	13293470	0.0203	AAMAAAAAAC
chrIV	1352720	1352767	0.0203	AAMAAAAAAC
chrIV	13555120	13555270	0.0302	AAMAAAAAAC
chrIV	14002720	14002870	0.0203	AAMAAAAAAC
chrIV	14080540	14080690	0.0302	AAMAAAAAAC
chrIV	15017160	15017310	0.0203	AAMAAAAAAC
chrIV	1536200	1536276	0.0203	AAMAAAAAAC
chrIV	15455521	15455570	0.0203	AAMAAAAAAC
chrIV	16504237	16504370	0.0203	AAMAAAAAAC
chrIV	16779289	16779367	0.0203	AAMAAAAAAC
chrIV	16961660	16961810	0.0203	AAMAAAAAAC
chrIV	17100700	17100850	0.0203	AAMAAAAAAC
chrIV	17150520	17150670	0.0302	AAMAAAAAAC
chrIV	1842500	1842650	0.0302	AAMAAAAAAC
chrIV	2404880	2405030	0.0302	AAMAAAAAAC
chrIV	2571506	2571561	0.0203	AAMAAAAAAC
chrIV	2651300	2651450	0.0203	AAMAAAAAAC
chrIV	3007100	3007250	0.0203	AAMAAAAAAC
chrIV	3055560	3055710	0.0378	AAMAAAAAAC
chrIV	3106380	3106530	0.0203	AAMAAAAAAC
chrIV	3383790	3383834	0.0378	AAMAAAAAAC
chrIV	3694450	3694490	0.0499	AAMAAAAAAC
chrIV	4022080	4022230	0.0203	AAMAAAAAAC
chrIV	4551237	4551330	0.0378	AAMAAAAAAC
chrIV	4551660	4551810	0.0203	AAMAAAAAAC
chrIV	4615380	4615530	0.0203	AAMAAAAAAC
chrIV	4630280	4630430	0.0203	AAMAAAAAAC
chrIV	4740280	4740430	0.0203	AAMAAAAAAC
chrIV	5271280	5271430	0.0378	AAMAAAAAAC
chrIV	5700680	5700830	0.0378	AAMAAAAAAC
chrIV	5842780	5842930	0.0203	AAMAAAAAAC
chrIV	6049400	6049550	0.0203	AAMAAAAAAC
chrIV	608480	608630	0.0203	AAMAAAAAAC
chrIV	6328160	6328310	0.0203	AAMAAAAAAC
chrIV	6399180	6399330	0.0203	AAMAAAAAAC
chrIV	6546260	6546410	0.0203	AAMAAAAAAC
chrIV	6782040	6782190	0.0203	AAMAAAAAAC
chrIV	7358440	7358590	0.0499	AAMAAAAAAC
chrIV	7426320	7426470	0.0203	AAMAAAAAAC
chrIV	8065080	8065230	0.0203	AAMAAAAAAC
chrIV	9354620	9354770	0.0203	AAMAAAAAAC
chrIV	9563120	9563270	0.0378	AAMAAAAAAC
chrV	10014080	10014230	0.0203	AAMAAAAAAC
chrV	10030240	10030390	0.0203	AAMAAAAAAC
chrV	10326220	10326306	0.0378	AAMAAAAAAC
chrV	1043460	1043610	0.0203	AAMAAAAAAC
chrV	10857400	10857550	0.0302	AAMAAAAAAC
chrV	11731060	11731116	0.0203	AAMAAAAAAC
chrV	11779560	11779710	0.0203	AAMAAAAAAC

chrV	12025340	12025490	0.0203	AAMAAAAAAC
chrV	12252880	12253030	0.0203	AAMAAAAAAC
chrV	12389860	12390010	0.0302	AAMAAAAAAC
chrV	12460800	12460950	0.0378	AAMAAAAAAC
chrV	13349460	13349610	0.0302	AAMAAAAAAC
chrV	1346380	1346530	0.0203	AAMAAAAAAC
chrV	13471560	13471710	0.0302	AAMAAAAAAC
chrV	13651980	13652130	0.0203	AAMAAAAAAC
chrV	14060820	14060970	0.0203	AAMAAAAAAC
chrV	14135200	14135350	0.0302	AAMAAAAAAC
chrV	14537880	14538030	0.0203	AAMAAAAAAC
chrV	14836220	14836370	0.0203	AAMAAAAAAC
chrV	15054757	15054821	0.0203	AAMAAAAAAC
chrV	15080539	15080590	0.0203	AAMAAAAAAC
chrV	15189720	15189870	0.0499	AAMAAAAAAC
chrV	15431855	15431970	0.0203	AAMAAAAAAC
chrV	15509285	15509340	0.0499	AAMAAAAAAC
chrV	15544980	15545130	0.0203	AAMAAAAAAC
chrV	16776000	16776150	0.0203	AAMAAAAAAC
chrV	16781340	16781490	0.0302	AAMAAAAAAC
chrV	16795007	16795150	0.0378	AAMAAAAAAC
chrV	17466029	17466090	0.0203	AAMAAAAAAC
chrV	17807600	17807750	0.0203	AAMAAAAAAC
chrV	17879560	17879710	0.0203	AAMAAAAAAC
chrV	17933340	17933490	0.0499	AAMAAAAAAC
chrV	18339260	18339410	0.0203	AAMAAAAAAC
chrV	18992520	18992670	0.0203	AAMAAAAAAC
chrV	19177960	19178110	0.0203	AAMAAAAAAC
chrV	1923440	1923590	0.0499	AAMAAAAAAC
chrV	19551660	19551810	0.0499	AAMAAAAAAC
chrV	19552040	19552190	0.0203	AAMAAAAAAC
chrV	20046820	20046970	0.0378	AAMAAAAAAC
chrV	20279420	20279570	0.0203	AAMAAAAAAC
chrV	20334280	20334430	0.0203	AAMAAAAAAC
chrV	20334560	20334710	0.0203	AAMAAAAAAC
chrV	20358402	20358510	0.0203	AAMAAAAAAC
chrV	20451640	20451790	0.0203	AAMAAAAAAC
chrV	2602720	2602768	0.0203	AAMAAAAAAC
chrV	349200	349350	0.0499	AAMAAAAAAC
chrV	3942760	3942836	0.0203	AAMAAAAAAC
chrV	3982472	3982521	0.0203	AAMAAAAAAC
chrV	4689780	4689930	0.0203	AAMAAAAAAC
chrV	4860580	4860730	0.0302	AAMAAAAAAC
chrV	5113340	5113424	0.0302	AAMAAAAAAC
chrV	5225080	5225230	0.0203	AAMAAAAAAC
chrV	6033400	6033550	0.0302	AAMAAAAAAC
chrV	6135780	6135930	0.0378	AAMAAAAAAC
chrV	6141220	6141370	0.0203	AAMAAAAAAC
chrV	6599707	6599850	0.0203	AAMAAAAAAC
chrV	716440	716590	0.0302	AAMAAAAAAC
chrV	7612660	7612810	0.0378	AAMAAAAAAC
chrV	8421080	8421230	0.0203	AAMAAAAAAC
chrV	9087604	9087657	0.0203	AAMAAAAAAC
chrV	9391480	9391630	0.0203	AAMAAAAAAC

chrV	9584960	9585072	0.0203	AAMAAAAAAC
chrV	982760	982910	0.0203	AAMAAAAAAC
chrV	9878600	9878722	0.0203	AAMAAAAAAC
chrX	10118900	10119050	0.0302	AAMAAAAAAC
chrX	10226040	10226190	0.0203	AAMAAAAAAC
chrX	10426582	10426710	0.0203	AAMAAAAAAC
chrX	10588780	10588930	0.0203	AAMAAAAAAC
chrX	10588780	10588930	0.0302	AAMAAAAAAC
chrX	10655440	10655590	0.0302	AAMAAAAAAC
chrX	10807820	10807934	0.0302	AAMAAAAAAC
chrX	10834520	10834670	0.0203	AAMAAAAAAC
chrX	12725120	12725270	0.0203	AAMAAAAAAC
chrX	12760460	12760610	0.0203	AAMAAAAAAC
chrX	13156520	13156670	0.0203	AAMAAAAAAC
chrX	13187400	13187550	0.0203	AAMAAAAAAC
chrX	13689180	13689330	0.0378	AAMAAAAAAC
chrX	13767540	13767690	0.0203	AAMAAAAAAC
chrX	13938600	13938743	0.0203	AAMAAAAAAC
chrX	14465500	14465650	0.0203	AAMAAAAAAC
chrX	15301020	15301170	0.0203	AAMAAAAAAC
chrX	15995040	15995190	0.0203	AAMAAAAAAC
chrX	1628520	1628670	0.0203	AAMAAAAAAC
chrX	16411180	16411330	0.0203	AAMAAAAAAC
chrX	16605160	16605258	0.0203	AAMAAAAAAC
chrX	16737640	16737790	0.0203	AAMAAAAAAC
chrX	1714620	1714770	0.0203	AAMAAAAAAC
chrX	2337403	2337450	0.0203	AAMAAAAAAC
chrX	2531040	2531150	0.0203	AAMAAAAAAC
chrX	2601420	2601570	0.0203	AAMAAAAAAC
chrX	2851060	2851210	0.0302	AAMAAAAAAC
chrX	3013540	3013690	0.0499	AAMAAAAAAC
chrX	3498590	3498638	0.0203	AAMAAAAAAC
chrX	3821320	3821470	0.0302	AAMAAAAAAC
chrX	4016960	4017110	0.0302	AAMAAAAAAC
chrX	4534300	4534386	0.0203	AAMAAAAAAC
chrX	4556200	4556350	0.0203	AAMAAAAAAC
chrX	4619680	4619830	0.0203	AAMAAAAAAC
chrX	4810180	4810330	0.0302	AAMAAAAAAC
chrX	5293960	5294110	0.0302	AAMAAAAAAC
chrX	5293960	5294110	0.0378	AAMAAAAAAC
chrX	5300127	5300210	0.0203	AAMAAAAAAC
chrX	5316760	5316910	0.0203	AAMAAAAAAC
chrX	595540	595600	0.0203	AAMAAAAAAC
chrX	648550	648650	0.0203	AAMAAAAAAC
chrX	7491726	7491870	0.0302	AAMAAAAAAC
chrX	8269340	8269490	0.0378	AAMAAAAAAC
chrX	9052080	9052230	0.0203	AAMAAAAAAC
chrX	9378440	9378590	0.0378	AAMAAAAAAC
chrX	9410880	9411030	0.0203	AAMAAAAAAC
chrX	9492080	9492230	0.0203	AAMAAAAAAC
chrX	951600	951683	0.0378	AAMAAAAAAC
chrX	988732	988790	0.0203	AAMAAAAAAC
chrI	12331720	12331870	0.00848	AATTTGAATTTY
chrI	12489900	12490050	0.0105	AATTTGAATTTY

chrI	12509360	12509489	0.0105	AATTTGAATTTY
chrI	12512520	12512670	0.0105	AATTTGAATTTY
chrI	12513980	12514130	0.00848	AATTTGAATTTY
chrI	13627340	13627490	0.00848	AATTTGAATTTY
chrI	13820	13970	0.00848	AATTTGAATTTY
chrI	13839360	13839510	0.00848	AATTTGAATTTY
chrI	3348780	3348930	0.00848	AATTTGAATTTY
chrI	4047200	4047250	0.016	AATTTGAATTTY
chrI	4197900	4198050	0.0105	AATTTGAATTTY
chrI	4533000	4533150	0.0401	AATTTGAATTTY
chrI	489520	489670	0.0401	AATTTGAATTTY
chrI	7442240	7442390	0.0401	AATTTGAATTTY
chrII	1073340	1073490	0.00848	AATTTGAATTTY
chrII	13153020	13153170	0.0105	AATTTGAATTTY
chrII	1373100	1373250	0.0105	AATTTGAATTTY
chrII	14377240	14377390	0.00848	AATTTGAATTTY
chrII	1496687	1496830	0.0105	AATTTGAATTTY
chrII	1509280	1509430	0.0105	AATTTGAATTTY
chrII	2185769	2185870	0.0105	AATTTGAATTTY
chrII	2467015	2467130	0.0105	AATTTGAATTTY
chrII	3627994	3628038	0.0105	AATTTGAATTTY
chrII	3701120	3701270	0.00848	AATTTGAATTTY
chrII	524160	524310	0.0105	AATTTGAATTTY
chrII	575780	575930	0.0105	AATTTGAATTTY
chrII	7122840	7122990	0.0401	AATTTGAATTTY
chrII	7594280	7594430	0.0401	AATTTGAATTTY
chrIII	10687780	10687930	0.00848	AATTTGAATTTY
chrIII	11124940	11125090	0.00848	AATTTGAATTTY
chrIII	11134060	11134210	0.00848	AATTTGAATTTY
chrIII	11134560	11134710	0.00848	AATTTGAATTTY
chrIII	1203520	1203599	0.0105	AATTTGAATTTY
chrIII	1208980	1209130	0.0105	AATTTGAATTTY
chrIII	12887480	12887630	0.0401	AATTTGAATTTY
chrIII	1529760	1529819	0.0105	AATTTGAATTTY
chrIII	1546200	1546350	0.0105	AATTTGAATTTY
chrIII	1556169	1556250	0.0401	AATTTGAATTTY
chrIII	1610100	1610250	0.0105	AATTTGAATTTY
chrIII	1800200	1800254	0.0105	AATTTGAATTTY
chrIII	1949440	1949590	0.0401	AATTTGAATTTY
chrIII	2383999	2384090	0.0401	AATTTGAATTTY
chrIII	2515020	2515170	0.0401	AATTTGAATTTY
chrIII	3311720	3311870	0.0105	AATTTGAATTTY
chrIII	4070220	4070370	0.0105	AATTTGAATTTY
chrIII	5049000	5049150	0.00848	AATTTGAATTTY
chrIII	5193260	5193410	0.0401	AATTTGAATTTY
chrIII	5653940	5654090	0.0105	AATTTGAATTTY
chrIII	8441360	8441510	0.00848	AATTTGAATTTY
chrIII	8442400	8442550	0.00848	AATTTGAATTTY
chrIV	1014180	1014235	0.0105	AATTTGAATTTY
chrIV	11432180	11432330	0.00848	AATTTGAATTTY
chrIV	1146796	1146850	0.00848	AATTTGAATTTY
chrIV	14571665	14571732	0.00848	AATTTGAATTTY
chrIV	16941760	16941910	0.00848	AATTTGAATTTY
chrIV	2365840	2365990	0.00848	AATTTGAATTTY

chrIV	2366260	2366410	0.00848	AATTTGAATTTY
chrIV	4177729	4177830	0.0105	AATTTGAATTTY
chrIV	8792220	8792297	0.00848	AATTTGAATTTY
chrIV	97820	97970	0.0401	AATTTGAATTTY
chrV	1137020	1137170	0.00848	AATTTGAATTTY
chrV	11926830	11926950	0.00848	AATTTGAATTTY
chrV	11959760	11959910	0.0203	AATTTGAATTTY
chrV	18028300	18028450	0.00848	AATTTGAATTTY
chrV	3023420	3023570	0.00848	AATTTGAATTTY
chrV	6008200	6008350	0.0105	AATTTGAATTTY
chrX	13339900	13340050	0.00848	AATTTGAATTTY
chrX	13340320	13340470	0.00848	AATTTGAATTTY
chrX	3762230	3762330	0.0105	AATTTGAATTTY
chrX	6803280	6803378	0.00848	AATTTGAATTTY
chrI	1000920	1001070	0.0136	ACACAYACA
chrI	10044320	10044470	0.0265	ACACAYACA
chrI	10252760	10252910	0.0136	ACACAYACA
chrI	10755400	10755550	0.0136	ACACAYACA
chrI	10762240	10762390	0.0136	ACACAYACA
chrI	11131540	11131690	0.0136	ACACAYACA
chrI	11207520	11207570	0.0136	ACACAYACA
chrI	11772800	11772950	0.0136	ACACAYACA
chrI	1227940	1228090	0.0136	ACACAYACA
chrI	12520480	12520630	0.0136	ACACAYACA
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chrI	13021140	13021290	0.0476	ACACAYACA
chrI	1315580	1315730	0.0136	ACACAYACA
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chrI	13316040	13316190	0.0386	ACACAYACA
chrI	14188960	14189110	0.0136	ACACAYACA
chrI	14391560	14391710	0.0136	ACACAYACA
chrI	14808020	14808170	0.0136	ACACAYACA
chrI	14881600	14881750	0.0136	ACACAYACA
chrI	2393520	2393670	0.0136	ACACAYACA
chrI	3087200	3087350	0.0386	ACACAYACA
chrI	3182360	3182510	0.0386	ACACAYACA
chrI	3247180	3247330	0.0476	ACACAYACA
chrI	3280600	3280750	0.0136	ACACAYACA
chrI	3827446	3827590	0.0136	ACACAYACA
chrI	4030440	4030590	0.0136	ACACAYACA
chrI	4488260	4488410	0.0136	ACACAYACA
chrI	4643280	4643430	0.0136	ACACAYACA
chrI	4936080	4936230	0.0136	ACACAYACA
chrI	5312120	5312270	0.0265	ACACAYACA
chrI	5312860	5313010	0.0136	ACACAYACA
chrI	5381536	5381670	0.0265	ACACAYACA
chrI	5421600	5421750	0.0136	ACACAYACA
chrI	5585440	5585590	0.0265	ACACAYACA
chrI	5690240	5690390	0.0136	ACACAYACA
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chrI	5722360	5722510	0.0136	ACACAYACA
chrI	6000360	6000510	0.0265	ACACAYACA
chrI	6380540	6380690	0.0136	ACACAYACA
chrI	6380540	6380690	0.0265	ACACAYACA

chrI	6500972	6501025	0.0476	ACACAYACA
chrI	6883540	6883690	0.0386	ACACAYACA
chrI	7040800	7040950	0.0136	ACACAYACA
chrI	7043360	7043510	0.0265	ACACAYACA
chrI	7073380	7073530	0.0386	ACACAYACA
chrI	7138520	7138670	0.0136	ACACAYACA
chrI	7381080	7381230	0.0136	ACACAYACA
chrI	7429740	7429890	0.0265	ACACAYACA
chrI	7475100	7475250	0.0136	ACACAYACA
chrI	7911560	7911710	0.0136	ACACAYACA
chrI	805880	806010	0.0136	ACACAYACA
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chrI	812300	812450	0.0136	ACACAYACA
chrI	8231460	8231610	0.0136	ACACAYACA
chrI	8281200	8281350	0.0136	ACACAYACA
chrI	8304540	8304690	0.0136	ACACAYACA
chrI	8304540	8304690	0.0265	ACACAYACA
chrI	8382980	8383130	0.0136	ACACAYACA
chrI	8858720	8858870	0.0265	ACACAYACA
chrI	9196900	9197050	0.0265	ACACAYACA
chrI	9244660	9244810	0.0265	ACACAYACA
chrI	9373060	9373210	0.0386	ACACAYACA
chrI	9373480	9373630	0.0136	ACACAYACA
chrI	9383800	9383950	0.0136	ACACAYACA
chrI	9426600	9426750	0.0136	ACACAYACA
chrI	9535700	9535850	0.0136	ACACAYACA
chrI	9555780	9555930	0.0136	ACACAYACA
chrI	9555780	9555930	0.0265	ACACAYACA
chrI	9557060	9557210	0.0136	ACACAYACA
chrI	9557060	9557210	0.0265	ACACAYACA
chrII	10163900	10164050	0.0136	ACACAYACA
chrII	10163900	10164050	0.0265	ACACAYACA
chrII	10164386	10164510	0.0136	ACACAYACA
chrII	10328360	10328510	0.0136	ACACAYACA
chrII	10328360	10328510	0.0265	ACACAYACA
chrII	10549320	10549470	0.0136	ACACAYACA
chrII	10683600	10683750	0.0136	ACACAYACA
chrII	10683600	10683750	0.0265	ACACAYACA
chrII	10684920	10685070	0.0136	ACACAYACA
chrII	10761740	10761890	0.0476	ACACAYACA
chrII	10834800	10834950	0.0265	ACACAYACA
chrII	10834800	10834950	0.0386	ACACAYACA
chrII	10850840	10850990	0.0136	ACACAYACA
chrII	10851100	10851250	0.0265	ACACAYACA
chrII	10980160	10980310	0.0136	ACACAYACA
chrII	10980160	10980310	0.0265	ACACAYACA
chrII	10997920	10998070	0.0136	ACACAYACA
chrII	11003540	11003690	0.0136	ACACAYACA
chrII	11086640	11086790	0.0136	ACACAYACA
chrII	11088260	11088410	0.0136	ACACAYACA
chrII	11205860	11206010	0.0386	ACACAYACA
chrII	11364760	11364910	0.0136	ACACAYACA
chrII	11792300	11792450	0.0136	ACACAYACA
chrII	11793900	11794050	0.0136	ACACAYACA

chrII	11793900	11794050	0.0265	ACACAYACA
chrII	11794440	11794590	0.0136	ACACAYACA
chrII	1201420	1201570	0.0136	ACACAYACA
chrII	12109940	12110009	0.0386	ACACAYACA
chrII	1217300	1217450	0.0136	ACACAYACA
chrII	12349720	12350010	0.0136	ACACAYACA
chrII	12349720	12350010	0.0386	ACACAYACA
chrII	12708700	12708850	0.0136	ACACAYACA
chrII	12860860	12861010	0.0386	ACACAYACA
chrII	12989400	12989550	0.0136	ACACAYACA
chrII	12990060	12990210	0.0136	ACACAYACA
chrII	13290520	13290670	0.0136	ACACAYACA
chrII	13449760	13449910	0.0265	ACACAYACA
chrII	13586520	13586670	0.0136	ACACAYACA
chrII	13795760	13795910	0.0136	ACACAYACA
chrII	14544740	14544890	0.0265	ACACAYACA
chrII	15208460	15208610	0.0136	ACACAYACA
chrII	15208460	15208610	0.0265	ACACAYACA
chrII	15208460	15208610	0.0476	ACACAYACA
chrII	15219040	15219190	0.0386	ACACAYACA
chrII	2945540	2945690	0.0265	ACACAYACA
chrII	3985000	3985150	0.0136	ACACAYACA
chrII	3985000	3985150	0.0476	ACACAYACA
chrII	4117860	4118010	0.0136	ACACAYACA
chrII	4572260	4572410	0.0136	ACACAYACA
chrII	4921420	4921570	0.0476	ACACAYACA
chrII	4984900	4985050	0.0386	ACACAYACA
chrII	5182680	5182830	0.0136	ACACAYACA
chrII	5948760	5948910	0.0136	ACACAYACA
chrII	5955860	5956010	0.0136	ACACAYACA
chrII	5970320	5970470	0.0265	ACACAYACA
chrII	6464700	6464850	0.0136	ACACAYACA
chrII	6937140	6937290	0.0136	ACACAYACA
chrII	6937140	6937290	0.0265	ACACAYACA
chrII	6973520	6973670	0.0136	ACACAYACA
chrII	7014000	7014150	0.0136	ACACAYACA
chrII	7055884	7055926	0.0476	ACACAYACA
chrII	7589920	7590070	0.0136	ACACAYACA
chrII	7640680	7640830	0.0136	ACACAYACA
chrII	7669560	7669710	0.0136	ACACAYACA
chrII	7673840	7673990	0.0136	ACACAYACA
chrII	7985060	7985210	0.0476	ACACAYACA
chrII	8115280	8115430	0.0136	ACACAYACA
chrII	8115280	8115430	0.0265	ACACAYACA
chrII	8116300	8116356	0.0136	ACACAYACA
chrII	8116300	8116356	0.0265	ACACAYACA
chrII	8118140	8118234	0.0136	ACACAYACA
chrII	8118140	8118234	0.0265	ACACAYACA
chrII	8415107	8415250	0.0265	ACACAYACA
chrII	8505560	8505710	0.0386	ACACAYACA
chrII	8720380	8720530	0.0136	ACACAYACA
chrII	8801760	8801910	0.0265	ACACAYACA
chrII	8897160	8897310	0.0265	ACACAYACA
chrII	9127100	9127250	0.0386	ACACAYACA

chrII	9342280	9342430	0.0265	ACACAYACA
chrII	954700	954850	0.0386	ACACAYACA
chrII	9601140	9601290	0.0265	ACACAYACA
chrII	9619460	9619610	0.0136	ACACAYACA
chrII	9621160	9621310	0.0136	ACACAYACA
chrII	9760520	9760670	0.0265	ACACAYACA
chrII	9992440	9992590	0.0136	ACACAYACA
chrII	9994820	9994970	0.0136	ACACAYACA
chrIII	10094580	10094730	0.0476	ACACAYACA
chrIII	10367480	10367630	0.0136	ACACAYACA
chrIII	10515800	10515950	0.0136	ACACAYACA
chrIII	10516440	10516590	0.0136	ACACAYACA
chrIII	10662600	10662750	0.0136	ACACAYACA
chrIII	10806860	10807010	0.0265	ACACAYACA
chrIII	11039280	11039430	0.0136	ACACAYACA
chrIII	11186700	11186850	0.0136	ACACAYACA
chrIII	11332440	11332590	0.0136	ACACAYACA
chrIII	11336160	11336310	0.0265	ACACAYACA
chrIII	1160600	1160750	0.0136	ACACAYACA
chrIII	11680180	11680330	0.0136	ACACAYACA
chrIII	11681560	11681710	0.0136	ACACAYACA
chrIII	11681560	11681710	0.0265	ACACAYACA
chrIII	12042120	12042270	0.0476	ACACAYACA
chrIII	12083240	12083390	0.0136	ACACAYACA
chrIII	12127201	12127250	0.0136	ACACAYACA
chrIII	12402500	12402650	0.0136	ACACAYACA
chrIII	12617060	12617210	0.0476	ACACAYACA
chrIII	13258680	13258830	0.0136	ACACAYACA
chrIII	13258680	13258830	0.0265	ACACAYACA
chrIII	13419240	13419390	0.0136	ACACAYACA
chrIII	13713800	13713950	0.0136	ACACAYACA
chrIII	13717540	13717690	0.0136	ACACAYACA
chrIII	13717540	13717690	0.0476	ACACAYACA
chrIII	1792080	1792230	0.0136	ACACAYACA
chrIII	1801240	1801390	0.0136	ACACAYACA
chrIII	1933302	1933330	0.0136	ACACAYACA
chrIII	2552500	2552650	0.0265	ACACAYACA
chrIII	2914160	2914310	0.0136	ACACAYACA
chrIII	299380	299530	0.0476	ACACAYACA
chrIII	3120160	3120310	0.0136	ACACAYACA
chrIII	3606780	3606930	0.0136	ACACAYACA
chrIII	3877560	3877710	0.0136	ACACAYACA
chrIII	3883160	3883310	0.0265	ACACAYACA
chrIII	3897560	3897710	0.0265	ACACAYACA
chrIII	3969160	3969310	0.0136	ACACAYACA
chrIII	3969160	3969310	0.0265	ACACAYACA
chrIII	4116680	4116830	0.0265	ACACAYACA
chrIII	4117900	4118050	0.0476	ACACAYACA
chrIII	4133100	4133250	0.0265	ACACAYACA
chrIII	4137860	4138010	0.0136	ACACAYACA
chrIII	4138580	4138712	0.0136	ACACAYACA
chrIII	4214380	4214530	0.0265	ACACAYACA
chrIII	4227420	4227570	0.0136	ACACAYACA
chrIII	4805440	4805590	0.0136	ACACAYACA

chrIII	4808140	4808290	0.0136	ACACAYACA
chrIII	5013860	5014010	0.0476	ACACAYACA
chrIII	5132320	5132470	0.0136	ACACAYACA
chrIII	5138640	5138790	0.0136	ACACAYACA
chrIII	5139200	5139350	0.0136	ACACAYACA
chrIII	5140580	5140730	0.0136	ACACAYACA
chrIII	5146880	5147030	0.0136	ACACAYACA
chrIII	5628120	5628270	0.0136	ACACAYACA
chrIII	5628120	5628270	0.0265	ACACAYACA
chrIII	5999660	5999810	0.0265	ACACAYACA
chrIII	6001640	6001790	0.0136	ACACAYACA
chrIII	6355500	6355650	0.0136	ACACAYACA
chrIII	6356020	6356170	0.0136	ACACAYACA
chrIII	6696460	6696610	0.0265	ACACAYACA
chrIII	6947980	6948130	0.0476	ACACAYACA
chrIII	6991020	6991170	0.0386	ACACAYACA
chrIII	7262600	7262750	0.0136	ACACAYACA
chrIII	750100	750250	0.0476	ACACAYACA
chrIII	770684	770732	0.0136	ACACAYACA
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chrIII	8392300	8392450	0.0136	ACACAYACA
chrIII	8506440	8506590	0.0136	ACACAYACA
chrIII	8509720	8509870	0.0136	ACACAYACA
chrIII	8794800	8794950	0.0136	ACACAYACA
chrIII	8797300	8797450	0.0476	ACACAYACA
chrIII	8800100	8800250	0.0265	ACACAYACA
chrIII	8801920	8802070	0.0136	ACACAYACA
chrIII	8873220	8873370	0.0136	ACACAYACA
chrIII	8873220	8873370	0.0265	ACACAYACA
chrIII	8874260	8874410	0.0136	ACACAYACA
chrIII	9701840	9701990	0.0136	ACACAYACA
chrIII	9972320	9972470	0.0265	ACACAYACA
chrIV	10333960	10334110	0.0136	ACACAYACA
chrIV	10820080	10820211	0.0136	ACACAYACA
chrIV	10869540	10869690	0.0136	ACACAYACA
chrIV	11573740	11573890	0.0265	ACACAYACA
chrIV	11725820	11725970	0.0136	ACACAYACA
chrIV	11790760	11790910	0.0386	ACACAYACA
chrIV	12131160	12131310	0.0136	ACACAYACA
chrIV	12695180	12695330	0.0136	ACACAYACA
chrIV	12813860	12814010	0.0136	ACACAYACA
chrIV	12819520	12819670	0.0136	ACACAYACA
chrIV	13011380	13011530	0.0136	ACACAYACA
chrIV	13262960	13263110	0.0476	ACACAYACA
chrIV	13953760	13953910	0.0386	ACACAYACA
chrIV	14068820	14068970	0.0136	ACACAYACA
chrIV	14618580	14618730	0.0136	ACACAYACA
chrIV	16020940	16021090	0.0136	ACACAYACA
chrIV	16022520	16022670	0.0136	ACACAYACA
chrIV	17101140	17101290	0.0136	ACACAYACA
chrIV	17448420	17448570	0.0136	ACACAYACA
chrIV	1772980	1773130	0.0476	ACACAYACA
chrIV	1868160	1868310	0.0265	ACACAYACA
chrIV	1873060	1873210	0.0136	ACACAYACA

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chrIV	1965700	1965850	0.0136	ACACAYACA
chrIV	2445160	2445310	0.0136	ACACAYACA
chrIV	2445160	2445310	0.0265	ACACAYACA
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chrIV	313160	313310	0.0136	ACACAYACA
chrIV	3227640	3227790	0.0136	ACACAYACA
chrIV	3231740	3231890	0.0136	ACACAYACA
chrIV	3246840	3246990	0.0136	ACACAYACA
chrIV	3246840	3246990	0.0265	ACACAYACA
chrIV	343100	343250	0.0136	ACACAYACA
chrIV	3815960	3816110	0.0136	ACACAYACA
chrIV	4023000	4023150	0.0136	ACACAYACA
chrIV	4095580	4095730	0.0136	ACACAYACA
chrIV	4096360	4096510	0.0136	ACACAYACA
chrIV	4502640	4502735	0.0136	ACACAYACA
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chrIV	5134900	5135050	0.0476	ACACAYACA
chrIV	5136580	5136730	0.0136	ACACAYACA
chrIV	5527100	5527250	0.0136	ACACAYACA
chrIV	5591300	5591450	0.0476	ACACAYACA
chrIV	5604680	5604830	0.0136	ACACAYACA
chrIV	561960	562022	0.0136	ACACAYACA
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chrIV	5970620	5970770	0.0476	ACACAYACA
chrIV	6062160	6062310	0.0136	ACACAYACA
chrIV	6126260	6126410	0.0136	ACACAYACA
chrIV	6234140	6234290	0.0386	ACACAYACA
chrIV	6399180	6399330	0.0136	ACACAYACA
chrIV	658018	658130	0.0136	ACACAYACA
chrIV	7088220	7088370	0.0386	ACACAYACA
chrIV	7253340	7253490	0.0136	ACACAYACA
chrIV	7406760	7406910	0.0476	ACACAYACA
chrIV	7550000	7550045	0.0265	ACACAYACA
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chrIV	878640	878790	0.0386	ACACAYACA
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chrV	1117740	1117890	0.0136	ACACAYACA
chrV	1144920	1145019	0.0476	ACACAYACA
chrV	11531120	11531270	0.0476	ACACAYACA
chrV	12233500	12233650	0.0265	ACACAYACA

chrV	12330520	12330670	0.0476	ACACAYACA
chrV	12703320	12703443	0.0136	ACACAYACA
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chrV	13156380	13156530	0.0136	ACACAYACA
chrV	13156380	13156530	0.0386	ACACAYACA
chrV	13163880	13164030	0.0136	ACACAYACA
chrV	13169600	13169750	0.0265	ACACAYACA
chrV	13375620	13375770	0.0386	ACACAYACA
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chrV	13723000	13723115	0.0265	ACACAYACA
chrV	14001500	14001650	0.0136	ACACAYACA
chrV	14118986	14119050	0.0136	ACACAYACA
chrV	14532520	14532670	0.0136	ACACAYACA
chrV	14569996	14570070	0.0136	ACACAYACA
chrV	14689440	14689590	0.0136	ACACAYACA
chrV	14811980	14812130	0.0136	ACACAYACA
chrV	16402000	16402150	0.0136	ACACAYACA
chrV	16752180	16752330	0.0265	ACACAYACA
chrV	16779340	16779490	0.0136	ACACAYACA
chrV	16780620	16780770	0.0136	ACACAYACA
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chrV	17989300	17989450	0.0386	ACACAYACA
chrV	19587620	19587770	0.0136	ACACAYACA
chrV	19589040	19589190	0.0136	ACACAYACA
chrV	19620220	19620370	0.0136	ACACAYACA
chrV	20410280	20410430	0.0136	ACACAYACA
chrV	2605920	2606070	0.0136	ACACAYACA
chrV	2803440	2803590	0.0136	ACACAYACA
chrV	3688880	3689030	0.0136	ACACAYACA
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chrV	4888640	4888790	0.0386	ACACAYACA
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chrV	6033640	6033790	0.0136	ACACAYACA
chrV	6357360	6357477	0.0265	ACACAYACA
chrV	6470180	6470330	0.0136	ACACAYACA
chrV	6514080	6514230	0.0136	ACACAYACA
chrV	6527040	6527190	0.0265	ACACAYACA
chrV	8195033	8195090	0.0386	ACACAYACA
chrV	8348960	8349110	0.0265	ACACAYACA
chrV	8438500	8438650	0.0265	ACACAYACA
chrV	9110493	9110541	0.0386	ACACAYACA
chrV	9567440	9567590	0.0386	ACACAYACA
chrV	9609800	9609950	0.0136	ACACAYACA
chrV	9853920	9854070	0.0265	ACACAYACA
chrX	10383660	10383810	0.0136	ACACAYACA
chrX	10383660	10383810	0.0476	ACACAYACA
chrX	10426582	10426710	0.0386	ACACAYACA
chrX	10645440	10645590	0.0265	ACACAYACA
chrX	10721740	10721890	0.0136	ACACAYACA
chrX	10909740	10909890	0.0136	ACACAYACA
chrX	11468900	11469050	0.0386	ACACAYACA
chrX	11674980	11675130	0.0265	ACACAYACA

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chrX	12376480	12376630	0.0386	ACACAYACA
chrX	12629300	12629450	0.0136	ACACAYACA
chrX	12630560	12630710	0.0136	ACACAYACA
chrX	12630560	12630710	0.0476	ACACAYACA
chrX	12908540	12908690	0.0265	ACACAYACA
chrX	12909980	12910130	0.0136	ACACAYACA
chrX	12917760	12917910	0.0136	ACACAYACA
chrX	13493800	13493950	0.0136	ACACAYACA
chrX	13584976	13585090	0.0386	ACACAYACA
chrX	13689180	13689330	0.0136	ACACAYACA
chrX	13689180	13689330	0.0386	ACACAYACA
chrX	13767540	13767690	0.0386	ACACAYACA
chrX	14206360	14206510	0.0386	ACACAYACA
chrX	14302220	14302370	0.0136	ACACAYACA
chrX	14302220	14302370	0.0265	ACACAYACA
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chrX	16113740	16113890	0.0386	ACACAYACA
chrX	16115000	16115150	0.0265	ACACAYACA
chrX	1613080	1613171	0.0136	ACACAYACA
chrX	16263400	16263550	0.0136	ACACAYACA
chrX	16406060	16406210	0.0136	ACACAYACA
chrX	16410560	16410710	0.0136	ACACAYACA
chrX	16412560	16412710	0.0136	ACACAYACA
chrX	16733560	16733710	0.0136	ACACAYACA
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chrX	2598900	2599050	0.0265	ACACAYACA
chrX	2628100	2628150	0.0136	ACACAYACA
chrX	2675220	2675370	0.0136	ACACAYACA
chrX	2675780	2675930	0.0136	ACACAYACA
chrX	2729160	2729310	0.0136	ACACAYACA
chrX	2774693	2774750	0.0136	ACACAYACA
chrX	2774693	2774750	0.0476	ACACAYACA
chrX	2788420	2788570	0.0136	ACACAYACA
chrX	2877680	2877830	0.0136	ACACAYACA
chrX	3316000	3316150	0.0136	ACACAYACA
chrX	3316000	3316150	0.0386	ACACAYACA
chrX	3456760	3456910	0.0136	ACACAYACA
chrX	3826200	3826350	0.0265	ACACAYACA
chrX	3891880	3892030	0.0476	ACACAYACA
chrX	4060280	4060430	0.0476	ACACAYACA
chrX	4137002	4137150	0.0136	ACACAYACA
chrX	4142380	4142530	0.0136	ACACAYACA
chrX	4142380	4142530	0.0265	ACACAYACA
chrX	4144980	4145130	0.0476	ACACAYACA
chrX	4498460	4498610	0.0265	ACACAYACA
chrX	4616960	4617110	0.0136	ACACAYACA
chrX	4741280	4741430	0.0136	ACACAYACA
chrX	4744120	4744270	0.0136	ACACAYACA

chrX	4897452	4897570	0.0386	ACACAYACA
chrX	5282500	5282650	0.0136	ACACAYACA
chrX	5293960	5294110	0.0136	ACACAYACA
chrX	5361980	5362130	0.0136	ACACAYACA
chrX	583870	583916	0.0386	ACACAYACA
chrX	604380	604530	0.0476	ACACAYACA
chrX	6948860	6949010	0.0136	ACACAYACA
chrX	6948860	6949010	0.0476	ACACAYACA
chrX	6952220	6952370	0.0265	ACACAYACA
chrX	7222760	7222910	0.0265	ACACAYACA
chrX	7224520	7224670	0.0136	ACACAYACA
chrX	7699120	7699270	0.0136	ACACAYACA
chrX	8021720	8021870	0.0136	ACACAYACA
chrX	8126820	8126970	0.0476	ACACAYACA
chrX	8198080	8198230	0.0136	ACACAYACA
chrX	8764155	8764270	0.0265	ACACAYACA
chrX	9096880	9097030	0.0386	ACACAYACA
chrX	9226500	9226650	0.0136	ACACAYACA
chrX	9504940	9505090	0.0476	ACACAYACA
chrX	9737750	9737890	0.0265	ACACAYACA
chrX	9784540	9784690	0.0136	ACACAYACA
chrX	990780	990930	0.0136	ACACAYACA
chrI	11016820	11016970	0.0197	ACCGCRMCGC
chrI	11016820	11016970	0.0226	ACCGCRMCGC
chrI	11019000	11019150	0.0226	ACCGCRMCGC
chrI	11020020	11020170	0.0226	ACCGCRMCGC
chrI	11021280	11021430	0.0197	ACCGCRMCGC
chrI	11022279	11022450	0.0197	ACCGCRMCGC
chrI	11024166	11024290	0.0197	ACCGCRMCGC
chrI	11025100	11025250	0.0226	ACCGCRMCGC
chrI	11289980	11290130	0.0197	ACCGCRMCGC
chrI	11289980	11290130	0.0226	ACCGCRMCGC
chrI	11290820	11290970	0.0197	ACCGCRMCGC
chrI	13315480	13315630	0.0197	ACCGCRMCGC
chrI	13315480	13315630	0.0226	ACCGCRMCGC
chrI	14047455	14047530	0.0226	ACCGCRMCGC
chrI	14065040	14065190	0.0226	ACCGCRMCGC
chrI	14065880	14066030	0.0197	ACCGCRMCGC
chrI	14066640	14066790	0.0197	ACCGCRMCGC
chrI	14066640	14066790	0.0249	ACCGCRMCGC
chrI	14214588	14214670	0.0197	ACCGCRMCGC
chrI	14214588	14214670	0.0226	ACCGCRMCGC
chrI	14214940	14215090	0.0197	ACCGCRMCGC
chrI	14214940	14215090	0.0226	ACCGCRMCGC
chrI	2496580	2496668	0.0249	ACCGCRMCGC
chrI	2866720	2866870	0.0249	ACCGCRMCGC
chrI	3246380	3246530	0.0249	ACCGCRMCGC
chrI	3511940	3512090	0.0249	ACCGCRMCGC
chrI	3726500	3726650	0.0376	ACCGCRMCGC
chrI	922940	923090	0.0226	ACCGCRMCGC
chrII	1098160	1098310	0.0197	ACCGCRMCGC
chrII	1098160	1098310	0.0226	ACCGCRMCGC
chrII	1104160	1104310	0.0197	ACCGCRMCGC
chrII	1104160	1104310	0.0249	ACCGCRMCGC

chrII	1106480	1106630	0.0226	ACCGCRMCGC
chrII	1106480	1106630	0.0249	ACCGCRMCGC
chrII	1203260	1203410	0.0197	ACCGCRMCGC
chrII	1422520	1422670	0.0226	ACCGCRMCGC
chrII	2165320	2165440	0.0226	ACCGCRMCGC
chrII	2166040	2166190	0.0197	ACCGCRMCGC
chrII	2166040	2166190	0.0307	ACCGCRMCGC
chrII	2179080	2179230	0.0197	ACCGCRMCGC
chrII	2179080	2179230	0.0226	ACCGCRMCGC
chrII	2179820	2179970	0.0197	ACCGCRMCGC
chrII	2179820	2179970	0.0307	ACCGCRMCGC
chrII	2186120	2186270	0.0226	ACCGCRMCGC
chrII	2250800	2250950	0.0197	ACCGCRMCGC
chrII	2250800	2250950	0.0226	ACCGCRMCGC
chrII	2444006	2444090	0.0197	ACCGCRMCGC
chrII	2444006	2444090	0.0226	ACCGCRMCGC
chrII	2508503	2508570	0.0197	ACCGCRMCGC
chrII	2508503	2508570	0.0226	ACCGCRMCGC
chrII	2642440	2642506	0.0197	ACCGCRMCGC
chrII	2642440	2642506	0.0226	ACCGCRMCGC
chrII	3252939	3253070	0.0197	ACCGCRMCGC
chrII	3252939	3253070	0.0249	ACCGCRMCGC
chrII	3258000	3258150	0.0197	ACCGCRMCGC
chrII	3258000	3258150	0.0226	ACCGCRMCGC
chrII	3258440	3258590	0.0226	ACCGCRMCGC
chrII	3258440	3258590	0.0461	ACCGCRMCGC
chrII	3519780	3519897	0.0226	ACCGCRMCGC
chrII	3519780	3519897	0.0249	ACCGCRMCGC
chrII	4015400	4015550	0.0461	ACCGCRMCGC
chrII	4021300	4021450	0.0249	ACCGCRMCGC
chrII	4191520	4191670	0.0307	ACCGCRMCGC
chrII	523000	523150	0.0197	ACCGCRMCGC
chrII	523000	523150	0.0307	ACCGCRMCGC
chrII	524160	524310	0.0197	ACCGCRMCGC
chrII	529440	529590	0.0226	ACCGCRMCGC
chrII	529440	529590	0.0249	ACCGCRMCGC
chrII	529440	529590	0.0307	ACCGCRMCGC
chrII	7635360	7635510	0.0249	ACCGCRMCGC
chrIII	1009120	1009270	0.0376	ACCGCRMCGC
chrIII	1208724	1208810	0.0226	ACCGCRMCGC
chrIII	1208980	1209130	0.0197	ACCGCRMCGC
chrIII	1208980	1209130	0.0226	ACCGCRMCGC
chrIII	12368360	12368510	0.0226	ACCGCRMCGC
chrIII	13089460	13089610	0.0249	ACCGCRMCGC
chrIII	13089820	13089970	0.0249	ACCGCRMCGC
chrIII	13090100	13090250	0.0249	ACCGCRMCGC
chrIII	13683540	13683612	0.0226	ACCGCRMCGC
chrIII	1949440	1949590	0.0197	ACCGCRMCGC
chrIII	2477480	2477605	0.0307	ACCGCRMCGC
chrIV	11431740	11431890	0.0307	ACCGCRMCGC
chrIV	14062000	14062150	0.0197	ACCGCRMCGC
chrIV	1514322	1514369	0.0197	ACCGCRMCGC
chrIV	1514322	1514369	0.0249	ACCGCRMCGC
chrIV	1514800	1514950	0.0197	ACCGCRMCGC

chrIV	1514800	1514950	0.0249	ACCGCRMCGC
chrIV	15275520	15275670	0.0197	ACCGCRMCGC
chrIV	15275520	15275670	0.0307	ACCGCRMCGC
chrIV	16860000	16860150	0.0249	ACCGCRMCGC
chrIV	16861725	16861830	0.0197	ACCGCRMCGC
chrIV	16862120	16862270	0.0197	ACCGCRMCGC
chrIV	17099920	17100042	0.0249	ACCGCRMCGC
chrIV	17101720	17101870	0.0249	ACCGCRMCGC
chrIV	17117560	17117710	0.0197	ACCGCRMCGC
chrIV	1969815	1969870	0.0226	ACCGCRMCGC
chrIV	2053140	2053290	0.0197	ACCGCRMCGC
chrIV	2053140	2053290	0.0226	ACCGCRMCGC
chrIV	2055460	2055610	0.0226	ACCGCRMCGC
chrIV	2108140	2108290	0.0197	ACCGCRMCGC
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chrIV	2608380	2608463	0.0226	ACCGCRMCGC
chrIV	2751980	2752130	0.0197	ACCGCRMCGC
chrIV	2751980	2752130	0.0249	ACCGCRMCGC
chrIV	2800640	2800790	0.0249	ACCGCRMCGC
chrIV	2806580	2806730	0.0249	ACCGCRMCGC
chrIV	2807280	2807430	0.0197	ACCGCRMCGC
chrIV	2807700	2807850	0.0197	ACCGCRMCGC
chrIV	2843707	2843762	0.0226	ACCGCRMCGC
chrIV	3061500	3061650	0.0249	ACCGCRMCGC
chrIV	4041120	4041270	0.0197	ACCGCRMCGC
chrIV	4041120	4041270	0.0226	ACCGCRMCGC
chrIV	8229640	8229790	0.0376	ACCGCRMCGC
chrV	16368880	16369030	0.0197	ACCGCRMCGC
chrV	18390940	18391090	0.0197	ACCGCRMCGC
chrV	18492760	18492910	0.0197	ACCGCRMCGC
chrV	18494560	18494710	0.0249	ACCGCRMCGC
chrV	18556020	18556170	0.0307	ACCGCRMCGC
chrV	18557080	18557230	0.0197	ACCGCRMCGC
chrV	18557080	18557230	0.0307	ACCGCRMCGC
chrV	18557480	18557630	0.0197	ACCGCRMCGC
chrV	18557480	18557630	0.0226	ACCGCRMCGC
chrV	18630120	18630245	0.0226	ACCGCRMCGC
chrV	18645920	18646070	0.0226	ACCGCRMCGC
chrV	18646840	18646990	0.0226	ACCGCRMCGC
chrV	18647280	18647430	0.0226	ACCGCRMCGC
chrV	18651440	18651590	0.0197	ACCGCRMCGC
chrV	18651440	18651590	0.0226	ACCGCRMCGC
chrV	18652760	18652910	0.0226	ACCGCRMCGC
chrV	18655100	18655250	0.0226	ACCGCRMCGC
chrV	19014820	19014970	0.0197	ACCGCRMCGC
chrV	19079380	19079530	0.0197	ACCGCRMCGC
chrV	19079380	19079530	0.0249	ACCGCRMCGC
chrV	19210780	19210930	0.0197	ACCGCRMCGC
chrV	19210780	19210930	0.0226	ACCGCRMCGC
chrV	19211220	19211370	0.0226	ACCGCRMCGC
chrV	19215760	19215910	0.0197	ACCGCRMCGC
chrV	19215760	19215910	0.0226	ACCGCRMCGC
chrV	19219720	19219821	0.0197	ACCGCRMCGC
chrV	19219720	19219821	0.0226	ACCGCRMCGC

chrV	19220200	19220350	0.0197	ACCGCRMCGC
chrV	19222220	19222370	0.0197	ACCGCRMCGC
chrV	19222220	19222370	0.0226	ACCGCRMCGC
chrV	19344200	19344350	0.0197	ACCGCRMCGC
chrV	19344200	19344350	0.0226	ACCGCRMCGC
chrV	19345280	19345430	0.0249	ACCGCRMCGC
chrV	19345880	19346030	0.0197	ACCGCRMCGC
chrV	19345880	19346030	0.0226	ACCGCRMCGC
chrV	19735460	19735610	0.0249	ACCGCRMCGC
chrX	12084700	12084850	0.0249	ACCGCRMCGC
chrX	195520	195670	0.0197	ACCGCRMCGC
chrX	195520	195670	0.0226	ACCGCRMCGC
chrX	7475040	7475131	0.0226	ACCGCRMCGC
chrX	9413935	9413970	0.0197	ACCGCRMCGC
chrI	10965320	10965470	0.0074	ACTACAAAMT
chrI	10965320	10965470	0.0149	ACTACAAAMT
chrI	10978056	10978110	0.0074	ACTACAAAMT
chrI	10980880	10981007	0.0074	ACTACAAAMT
chrI	10982551	10982590	0.0074	ACTACAAAMT
chrI	10988140	10988290	0.0074	ACTACAAAMT
chrI	11016320	11016368	0.0149	ACTACAAAMT
chrI	11038160	11038310	0.0074	ACTACAAAMT
chrI	11050480	11050630	0.0074	ACTACAAAMT
chrI	11080040	11080117	0.0074	ACTACAAAMT
chrI	11118440	11118590	0.0074	ACTACAAAMT
chrI	11120960	11121110	0.0074	ACTACAAAMT
chrI	11125360	11125510	0.0074	ACTACAAAMT
chrI	11130840	11130990	0.0074	ACTACAAAMT
chrI	11130840	11130990	0.0273	ACTACAAAMT
chrI	11131540	11131690	0.0074	ACTACAAAMT
chrI	11133160	11133310	0.0074	ACTACAAAMT
chrI	11133160	11133310	0.0149	ACTACAAAMT
chrI	11223460	11223610	0.0074	ACTACAAAMT
chrI	11225028	11225080	0.0074	ACTACAAAMT
chrI	12800240	12800298	0.0074	ACTACAAAMT
chrI	12800940	12800999	0.0074	ACTACAAAMT
chrI	12837360	12837413	0.0074	ACTACAAAMT
chrI	12848300	12848368	0.0074	ACTACAAAMT
chrI	12857441	12857503	0.0074	ACTACAAAMT
chrI	12983567	12983610	0.0074	ACTACAAAMT
chrI	13011200	13011350	0.0273	ACTACAAAMT
chrI	13278700	13278768	0.0074	ACTACAAAMT
chrI	13419460	13419605	0.0074	ACTACAAAMT
chrI	13419460	13419605	0.0273	ACTACAAAMT
chrI	13493098	13493145	0.0074	ACTACAAAMT
chrI	13515880	13516030	0.0074	ACTACAAAMT
chrI	13523480	13523630	0.0074	ACTACAAAMT
chrI	13525600	13525750	0.0074	ACTACAAAMT
chrI	13525600	13525750	0.0149	ACTACAAAMT
chrI	13527780	13527901	0.0074	ACTACAAAMT
chrI	13573500	13573650	0.0074	ACTACAAAMT
chrI	13593780	13593930	0.0074	ACTACAAAMT
chrI	13607460	13607610	0.0074	ACTACAAAMT
chrI	13627340	13627490	0.0074	ACTACAAAMT

chrI	13629680	13629830	0.0149	ACTACAAAMT
chrI	13632210	13632270	0.0074	ACTACAAAMT
chrI	13640800	13640910	0.0074	ACTACAAAMT
chrI	13673640	13673790	0.0074	ACTACAAAMT
chrI	13673900	13674050	0.0074	ACTACAAAMT
chrI	13864080	13864230	0.0074	ACTACAAAMT
chrI	14102560	14102710	0.0074	ACTACAAAMT
chrI	14102560	14102710	0.0149	ACTACAAAMT
chrI	14413850	14413990	0.0074	ACTACAAAMT
chrI	14433480	14433522	0.0074	ACTACAAAMT
chrI	14552556	14552630	0.0074	ACTACAAAMT
chrI	1467600	1467750	0.0149	ACTACAAAMT
chrI	14975680	14975830	0.0149	ACTACAAAMT
chrI	1641820	1641970	0.0149	ACTACAAAMT
chrI	2539440	2539590	0.0074	ACTACAAAMT
chrI	2539760	2539910	0.0074	ACTACAAAMT
chrI	2847380	2847530	0.0074	ACTACAAAMT
chrI	2950680	2950830	0.0074	ACTACAAAMT
chrI	2950680	2950830	0.0273	ACTACAAAMT
chrI	4020640	4020790	0.0273	ACTACAAAMT
chrII	12320480	12320630	0.0074	ACTACAAAMT
chrII	12762140	12762290	0.0149	ACTACAAAMT
chrII	1303150	1303210	0.0074	ACTACAAAMT
chrII	1303960	1304110	0.0074	ACTACAAAMT
chrII	1305384	1305490	0.0074	ACTACAAAMT
chrII	1308380	1308530	0.0074	ACTACAAAMT
chrII	1312120	1312270	0.0074	ACTACAAAMT
chrII	1328049	1328110	0.0074	ACTACAAAMT
chrII	1328380	1328530	0.0074	ACTACAAAMT
chrII	13529920	13530070	0.0074	ACTACAAAMT
chrII	13529920	13530070	0.0149	ACTACAAAMT
chrII	13612860	13612999	0.0074	ACTACAAAMT
chrII	1373660	1373781	0.0074	ACTACAAAMT
chrII	1384540	1384690	0.0074	ACTACAAAMT
chrII	1384540	1384690	0.0273	ACTACAAAMT
chrII	13950380	13950530	0.0074	ACTACAAAMT
chrII	1404820	1404970	0.0074	ACTACAAAMT
chrII	1408600	1408750	0.0074	ACTACAAAMT
chrII	1409260	1409306	0.0074	ACTACAAAMT
chrII	1435880	1436030	0.0074	ACTACAAAMT
chrII	1435880	1436030	0.0149	ACTACAAAMT
chrII	1442293	1442350	0.0074	ACTACAAAMT
chrII	241480	241630	0.0074	ACTACAAAMT
chrII	247100	247250	0.0074	ACTACAAAMT
chrII	249824	249871	0.0074	ACTACAAAMT
chrII	2630280	2630430	0.0074	ACTACAAAMT
chrII	2818649	2818790	0.0149	ACTACAAAMT
chrII	287560	287710	0.0074	ACTACAAAMT
chrII	289680	289763	0.0074	ACTACAAAMT
chrII	3627580	3627730	0.0074	ACTACAAAMT
chrII	4023180	4023330	0.0273	ACTACAAAMT
chrII	466780	466930	0.0074	ACTACAAAMT
chrII	466780	466930	0.0149	ACTACAAAMT
chrII	472900	473015	0.0074	ACTACAAAMT

chrII	474740	474890	0.0074	ACTACAAAMT
chrII	486540	486690	0.0074	ACTACAAAMT
chrII	488880	489030	0.0074	ACTACAAAMT
chrII	942560	942710	0.0074	ACTACAAAMT
chrIII	12200280	12200430	0.0149	ACTACAAAMT
chrIII	12463120	12463270	0.0149	ACTACAAAMT
chrIII	12463340	12463490	0.0149	ACTACAAAMT
chrIII	12511420	12511570	0.0149	ACTACAAAMT
chrIII	12512100	12512250	0.0149	ACTACAAAMT
chrIII	12526600	12526750	0.0149	ACTACAAAMT
chrIII	12641340	12641490	0.0149	ACTACAAAMT
chrIII	12650400	12650550	0.0149	ACTACAAAMT
chrIII	12650700	12650850	0.0149	ACTACAAAMT
chrIII	13347940	13348090	0.0149	ACTACAAAMT
chrIII	13368500	13368650	0.0149	ACTACAAAMT
chrIII	13368800	13368950	0.0149	ACTACAAAMT
chrIII	204900	205050	0.0074	ACTACAAAMT
chrIII	204900	205050	0.0273	ACTACAAAMT
chrIII	3361820	3361970	0.0074	ACTACAAAMT
chrIII	7634640	7634790	0.0074	ACTACAAAMT
chrIII	7714520	7714670	0.0074	ACTACAAAMT
chrIV	13076100	13076177	0.0074	ACTACAAAMT
chrIV	1624620	1624770	0.0074	ACTACAAAMT
chrIV	16945080	16945230	0.0273	ACTACAAAMT
chrIV	1951800	1951950	0.0149	ACTACAAAMT
chrIV	1974140	1974290	0.0149	ACTACAAAMT
chrIV	2802760	2802910	0.0273	ACTACAAAMT
chrIV	5555660	5555810	0.0149	ACTACAAAMT
chrIV	5557160	5557310	0.0149	ACTACAAAMT
chrV	10834800	10834950	0.0149	ACTACAAAMT
chrV	14569996	14570070	0.0273	ACTACAAAMT
chrV	16382960	16383110	0.0273	ACTACAAAMT
chrV	17144220	17144370	0.0074	ACTACAAAMT
chrV	17183680	17183830	0.0149	ACTACAAAMT
chrV	18354280	18354430	0.0074	ACTACAAAMT
chrV	18877880	18878030	0.0074	ACTACAAAMT
chrV	18878380	18878530	0.0074	ACTACAAAMT
chrV	18878740	18878890	0.0074	ACTACAAAMT
chrV	18881940	18882090	0.0074	ACTACAAAMT
chrV	18883740	18883890	0.0074	ACTACAAAMT
chrV	18883740	18883890	0.0149	ACTACAAAMT
chrV	18886460	18886610	0.0074	ACTACAAAMT
chrV	18887140	18887290	0.0074	ACTACAAAMT
chrV	18887560	18887710	0.0074	ACTACAAAMT
chrV	18887560	18887710	0.0149	ACTACAAAMT
chrV	18889160	18889310	0.0074	ACTACAAAMT
chrV	18893060	18893210	0.0074	ACTACAAAMT
chrV	18894080	18894230	0.0074	ACTACAAAMT
chrV	18895748	18895870	0.0074	ACTACAAAMT
chrV	18968360	18968510	0.0074	ACTACAAAMT
chrV	18982440	18982590	0.0074	ACTACAAAMT
chrV	18989740	18989890	0.0074	ACTACAAAMT
chrV	18991820	18991970	0.0074	ACTACAAAMT
chrV	18992080	18992230	0.0074	ACTACAAAMT

chrV	18992520	18992670	0.0074	ACTACAAAMT
chrV	18997560	18997710	0.0074	ACTACAAAMT
chrV	18999100	18999250	0.0074	ACTACAAAMT
chrV	18999940	19000090	0.0074	ACTACAAAMT
chrV	19003700	19003850	0.0149	ACTACAAAMT
chrV	19118040	19118190	0.0074	ACTACAAAMT
chrV	19119739	19119850	0.0074	ACTACAAAMT
chrV	19119940	19120090	0.0074	ACTACAAAMT
chrV	19120380	19120530	0.0074	ACTACAAAMT
chrV	19122480	19122630	0.0074	ACTACAAAMT
chrV	19122480	19122630	0.0149	ACTACAAAMT
chrV	19123000	19123150	0.0074	ACTACAAAMT
chrV	19123000	19123150	0.0149	ACTACAAAMT
chrV	19123560	19123710	0.0074	ACTACAAAMT
chrV	19124380	19124530	0.0074	ACTACAAAMT
chrV	19124380	19124530	0.0149	ACTACAAAMT
chrV	19191240	19191390	0.0074	ACTACAAAMT
chrV	19551660	19551810	0.0074	ACTACAAAMT
chrV	19551660	19551810	0.0273	ACTACAAAMT
chrV	19552040	19552190	0.0074	ACTACAAAMT
chrV	19553520	19553670	0.0074	ACTACAAAMT
chrV	19910220	19910370	0.0074	ACTACAAAMT
chrV	19914340	19914490	0.0074	ACTACAAAMT
chrV	19933380	19933530	0.0074	ACTACAAAMT
chrV	19933940	19934090	0.0074	ACTACAAAMT
chrV	19945463	19945590	0.0074	ACTACAAAMT
chrV	19945800	19945950	0.0074	ACTACAAAMT
chrV	19947320	19947470	0.0074	ACTACAAAMT
chrV	19948060	19948210	0.0074	ACTACAAAMT
chrV	19952820	19952970	0.0074	ACTACAAAMT
chrV	20086180	20086330	0.0074	ACTACAAAMT
chrV	20086640	20086790	0.0074	ACTACAAAMT
chrV	20086860	20087010	0.0074	ACTACAAAMT
chrV	20089740	20089890	0.0074	ACTACAAAMT
chrV	20091860	20092010	0.0074	ACTACAAAMT
chrV	20099340	20099490	0.0074	ACTACAAAMT
chrV	20099720	20099870	0.0074	ACTACAAAMT
chrV	20101760	20101910	0.0074	ACTACAAAMT
chrV	20102280	20102430	0.0074	ACTACAAAMT
chrV	20102840	20102990	0.0074	ACTACAAAMT
chrV	20240040	20240190	0.0074	ACTACAAAMT
chrV	20240580	20240730	0.0074	ACTACAAAMT
chrV	20248080	20248230	0.0074	ACTACAAAMT
chrV	20248520	20248670	0.0074	ACTACAAAMT
chrV	20262940	20263090	0.0074	ACTACAAAMT
chrV	20263960	20264110	0.0074	ACTACAAAMT
chrV	20265140	20265290	0.0074	ACTACAAAMT
chrV	20265620	20265770	0.0074	ACTACAAAMT
chrV	20268260	20268410	0.0074	ACTACAAAMT
chrV	20270540	20270690	0.0074	ACTACAAAMT
chrV	20271460	20271610	0.0074	ACTACAAAMT
chrV	20272980	20273130	0.0074	ACTACAAAMT
chrV	20273640	20273790	0.0074	ACTACAAAMT
chrV	20274000	20274150	0.0074	ACTACAAAMT

chrV	20274700	20274850	0.0074	ACTACAAAMT
chrV	20275220	20275333	0.0074	ACTACAAAMT
chrV	2050051	2050110	0.0074	ACTACAAAMT
chrV	2570420	2570555	0.0074	ACTACAAAMT
chrV	2617587	2617630	0.0074	ACTACAAAMT
chrV	2717880	2718030	0.0074	ACTACAAAMT
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chrV	3645880	3646030	0.0074	ACTACAAAMT
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chrV	3657200	3657324	0.0074	ACTACAAAMT
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chrX	188860	189010	0.0074	ACTACAAAMT
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chrIV	12006240	12006390	0.0277	AGGYAGGCR
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chrIV	12478140	12478290	0.0184	AGGYAGGCR
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chrIV	13555120	13555270	0.0184	AGGYAGGCR
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chrV	15138160	15138219	0.0184	AGGYAGGCR
chrV	15431855	15431970	0.0184	AGGYAGGCR
chrV	15670640	15670790	0.0184	AGGYAGGCR
chrV	15722620	15722770	0.0332	AGGYAGGCR
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chrV	15938980	15939130	0.0277	AGGYAGGCR
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chrV	3917040	3917190	0.0184	AGGYAGGCR
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chrX	3848337	3848410	0.0332	AGGYAGGCR
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chrII	2467015	2467130	0.0428	CAAATTTTSA
chrII	2477363	2477470	0.0428	CAAATTTTSA
chrII	2505560	2505640	0.0428	CAAATTTTSA
chrII	2514480	2514560	0.0428	CAAATTTTSA
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chrII	291520	291574	0.0428	CAAATTTTSA
chrIII	1072545	1072650	0.0428	CAAATTTTSA
chrIII	1092520	1092629	0.0428	CAAATTTTSA
chrIII	11295280	11295430	0.0428	CAAATTTTSA
chrIII	12680620	12680770	0.0428	CAAATTTTSA
chrIII	1469270	1469390	0.0428	CAAATTTTSA
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chrIII	2348400	2348550	0.0428	CAAATTTTSA
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chrI	11101100	11101250	0.0378	CAYACACA
chrI	11112200	11112350	0.0378	CAYACACA
chrI	11131540	11131690	0.0378	CAYACACA
chrI	11207520	11207570	0.0378	CAYACACA
chrI	11772800	11772950	0.0378	CAYACACA
chrI	1227940	1228090	0.0378	CAYACACA
chrI	12520480	12520630	0.0378	CAYACACA
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chrV	14128020	14128170	0.0247	CCCCCYCCCCC
chrV	1549598	1549660	0.000399	CCCCCYCCCCC
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chrV	1549598	1549660	0.0476	CCCCCYCCCCC
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chrIII	207920	208070	0.0271	CCTTGRCGCA
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chrV	19380280	19380430	0.0271	CCTTGRCGCA
chrV	19380280	19380430	0.0292	CCTTGRCGCA
chrV	19821140	19821290	0.0292	CCTTGRCGCA
chrV	19821440	19821590	0.0292	CCTTGRCGCA
chrV	19821760	19821910	0.0271	CCTTGRCGCA
chrV	19821760	19821910	0.0292	CCTTGRCGCA
chrI	10548934	10549030	0.00378	CGYGGCGAGAC
chrI	11612300	11612450	0.00378	CGYGGCGAGAC
chrI	11612820	11612970	0.00378	CGYGGCGAGAC
chrI	11614200	11614318	0.0474	CGYGGCGAGAC
chrI	11615420	11615570	0.00378	CGYGGCGAGAC
chrI	11914200	11914350	0.00555	CGYGGCGAGAC
chrI	11914480	11914630	0.00555	CGYGGCGAGAC
chrI	12049800	12049950	0.00378	CGYGGCGAGAC
chrI	12186480	12186630	0.00378	CGYGGCGAGAC
chrI	12518080	12518230	0.00378	CGYGGCGAGAC
chrI	12518080	12518230	0.00555	CGYGGCGAGAC
chrI	12737680	12737830	0.00378	CGYGGCGAGAC
chrI	12903620	12903770	0.00378	CGYGGCGAGAC
chrI	13337780	13337853	0.00378	CGYGGCGAGAC
chrI	1397400	1397516	0.00555	CGYGGCGAGAC
chrI	14295080	14295230	0.00378	CGYGGCGAGAC
chrI	14627540	14627690	0.00378	CGYGGCGAGAC
chrI	14789047	14789131	0.00378	CGYGGCGAGAC
chrI	1845317	1845350	0.0474	CGYGGCGAGAC
chrI	254880	254976	0.00378	CGYGGCGAGAC
chrI	2723520	2723670	0.00555	CGYGGCGAGAC
chrI	367420	367570	0.00378	CGYGGCGAGAC
chrI	3861520	3861670	0.0474	CGYGGCGAGAC
chrI	4198300	4198450	0.0474	CGYGGCGAGAC
chrI	458840	458990	0.00378	CGYGGCGAGAC
chrI	4898480	4898630	0.00378	CGYGGCGAGAC
chrI	5362720	5362870	0.00378	CGYGGCGAGAC
chrI	5362720	5362870	0.0149	CGYGGCGAGAC
chrI	6321220	6321370	0.00378	CGYGGCGAGAC

chrI	6321960	6322110	0.0149	CGYGGCGAGAC
chrI	7161580	7161730	0.00378	CGYGGCGAGAC
chrI	7345200	7345350	0.00378	CGYGGCGAGAC
chrI	9937480	9937630	0.00378	CGYGGCGAGAC
chrII	11038140	11038290	0.00555	CGYGGCGAGAC
chrII	11342500	11342650	0.00378	CGYGGCGAGAC
chrII	11572200	11572350	0.00378	CGYGGCGAGAC
chrII	11631100	11631250	0.00378	CGYGGCGAGAC
chrII	11744682	11744770	0.00378	CGYGGCGAGAC
chrII	12981340	12981490	0.0193	CGYGGCGAGAC
chrII	1306680	1306830	0.00378	CGYGGCGAGAC
chrII	2997700	2997850	0.00378	CGYGGCGAGAC
chrII	5384820	5384928	0.0474	CGYGGCGAGAC
chrII	5407300	5407450	0.0474	CGYGGCGAGAC
chrII	575780	575930	0.0474	CGYGGCGAGAC
chrII	6903340	6903490	0.00378	CGYGGCGAGAC
chrII	7119660	7119810	0.00378	CGYGGCGAGAC
chrII	7156400	7156550	0.00378	CGYGGCGAGAC
chrII	8970340	8970490	0.0149	CGYGGCGAGAC
chrII	9242520	9242670	0.00555	CGYGGCGAGAC
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chrII	9773220	9773370	0.00378	CGYGGCGAGAC
chrIII	10404269	10404390	0.00378	CGYGGCGAGAC
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chrIII	1045560	1045710	0.00378	CGYGGCGAGAC
chrIII	1130140	1130290	0.00378	CGYGGCGAGAC
chrIII	1191578	1191641	0.00378	CGYGGCGAGAC
chrIII	11939980	11940130	0.00555	CGYGGCGAGAC
chrIII	1217300	1217450	0.0149	CGYGGCGAGAC
chrIII	12753120	12753270	0.00378	CGYGGCGAGAC
chrIII	1531940	1532090	0.00378	CGYGGCGAGAC
chrIII	1535516	1535650	0.00378	CGYGGCGAGAC
chrIII	1538800	1538950	0.00378	CGYGGCGAGAC
chrIII	1539100	1539250	0.00378	CGYGGCGAGAC
chrIII	1545260	1545410	0.0149	CGYGGCGAGAC
chrIII	1546200	1546350	0.0474	CGYGGCGAGAC
chrIII	1547100	1547250	0.00378	CGYGGCGAGAC
chrIII	1548940	1549090	0.00378	CGYGGCGAGAC
chrIII	1549780	1549930	0.0474	CGYGGCGAGAC
chrIII	1572240	1572390	0.00378	CGYGGCGAGAC
chrIII	1791640	1791790	0.00555	CGYGGCGAGAC
chrIII	2001580	2001730	0.00378	CGYGGCGAGAC
chrIII	2017880	2018030	0.00378	CGYGGCGAGAC
chrIII	2115231	2115330	0.00378	CGYGGCGAGAC
chrIII	2482560	2482710	0.0149	CGYGGCGAGAC
chrIII	3087360	3087510	0.00378	CGYGGCGAGAC
chrIII	3098100	3098250	0.00555	CGYGGCGAGAC
chrIII	4232429	4232550	0.00378	CGYGGCGAGAC
chrIII	4241627	4241730	0.00378	CGYGGCGAGAC
chrIII	4521480	4521613	0.00378	CGYGGCGAGAC
chrIII	4563179	4563282	0.00555	CGYGGCGAGAC
chrIII	5256160	5256310	0.00555	CGYGGCGAGAC
chrIII	6471920	6472070	0.00378	CGYGGCGAGAC
chrIII	8441360	8441510	0.00378	CGYGGCGAGAC

chrIII	8872340	8872490	0.00378	CGYGGCGAGAC
chrIII	8872700	8872850	0.00378	CGYGGCGAGAC
chrIII	9242993	9243070	0.00378	CGYGGCGAGAC
chrIII	9474260	9474410	0.00378	CGYGGCGAGAC
chrIII	9580860	9581010	0.00378	CGYGGCGAGAC
chrIII	9750601	9750650	0.00378	CGYGGCGAGAC
chrIII	9820469	9820570	0.0474	CGYGGCGAGAC
chrIII	9820660	9820810	0.00378	CGYGGCGAGAC
chrIII	9869100	9869250	0.00378	CGYGGCGAGAC
chrIV	10839480	10839630	0.00378	CGYGGCGAGAC
chrIV	11818567	11818690	0.00378	CGYGGCGAGAC
chrIV	12294820	12294970	0.0149	CGYGGCGAGAC
chrIV	12297380	12297530	0.0149	CGYGGCGAGAC
chrIV	14783733	14783870	0.00378	CGYGGCGAGAC
chrIV	2550200	2550350	0.00555	CGYGGCGAGAC
chrIV	2924140	2924204	0.00378	CGYGGCGAGAC
chrIV	4707340	4707490	0.00378	CGYGGCGAGAC
chrIV	7151780	7151930	0.00378	CGYGGCGAGAC
chrIV	7765120	7765258	0.00378	CGYGGCGAGAC
chrIV	7915660	7915810	0.00378	CGYGGCGAGAC
chrIV	7955140	7955290	0.00378	CGYGGCGAGAC
chrIV	9730320	9730470	0.00555	CGYGGCGAGAC
chrV	11107740	11107890	0.0474	CGYGGCGAGAC
chrV	12743520	12743670	0.00378	CGYGGCGAGAC
chrV	13470080	13470230	0.00378	CGYGGCGAGAC
chrV	14207260	14207410	0.00378	CGYGGCGAGAC
chrV	14601540	14601690	0.00555	CGYGGCGAGAC
chrV	14735680	14735830	0.00378	CGYGGCGAGAC
chrV	14832720	14832870	0.00378	CGYGGCGAGAC
chrV	14832880	14833030	0.00378	CGYGGCGAGAC
chrV	14874480	14874630	0.00555	CGYGGCGAGAC
chrV	17567980	17568130	0.00555	CGYGGCGAGAC
chrV	3023420	3023570	0.00378	CGYGGCGAGAC
chrV	4858020	4858136	0.00378	CGYGGCGAGAC
chrV	5446300	5446450	0.00555	CGYGGCGAGAC
chrV	5579920	5580070	0.00378	CGYGGCGAGAC
chrV	5681060	5681195	0.00378	CGYGGCGAGAC
chrV	6514500	6514650	0.00378	CGYGGCGAGAC
chrV	6591720	6591870	0.00555	CGYGGCGAGAC
chrV	6599707	6599850	0.00555	CGYGGCGAGAC
chrV	9579520	9579670	0.00378	CGYGGCGAGAC
chrX	153240	153390	0.00378	CGYGGCGAGAC
chrX	16014060	16014210	0.0474	CGYGGCGAGAC
chrX	5393440	5393590	0.00378	CGYGGCGAGAC
chrI	10662040	10662190	0.0246	CTGATTGGTY
chrI	10892380	10892530	0.021	CTGATTGGTY
chrI	11293660	11293810	0.021	CTGATTGGTY
chrI	11408460	11408610	0.021	CTGATTGGTY
chrI	11408900	11409050	0.021	CTGATTGGTY
chrI	11745260	11745344	0.021	CTGATTGGTY
chrI	12168760	12168836	0.021	CTGATTGGTY
chrI	12168760	12168836	0.0246	CTGATTGGTY
chrI	12774400	12774550	0.0246	CTGATTGGTY
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chrI	3585020	3585170	0.021	CTGATTGGTY
chrI	4621660	4621810	0.0246	CTGATTGGTY
chrI	5634860	5635010	0.021	CTGATTGGTY
chrI	6880380	6880530	0.0469	CTGATTGGTY
chrI	6949100	6949250	0.0246	CTGATTGGTY
chrI	8256720	8256870	0.0246	CTGATTGGTY
chrI	8422400	8422550	0.021	CTGATTGGTY
chrI	8422400	8422550	0.0246	CTGATTGGTY
chrI	8703900	8704050	0.021	CTGATTGGTY
chrI	9465540	9465690	0.021	CTGATTGGTY
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chrII	10071760	10071910	0.0246	CTGATTGGTY
chrII	10954480	10954630	0.0246	CTGATTGGTY
chrII	11864120	11864270	0.021	CTGATTGGTY
chrII	11864120	11864270	0.0246	CTGATTGGTY
chrII	11971020	11971170	0.021	CTGATTGGTY
chrII	12722080	12722230	0.021	CTGATTGGTY
chrII	12722080	12722230	0.0246	CTGATTGGTY
chrII	12722740	12722890	0.021	CTGATTGGTY
chrII	12790520	12790670	0.0246	CTGATTGGTY
chrII	1373100	1373250	0.021	CTGATTGGTY
chrII	1374597	1374730	0.021	CTGATTGGTY
chrII	1844740	1844890	0.021	CTGATTGGTY
chrII	1844740	1844890	0.0246	CTGATTGGTY
chrII	3137072	3137130	0.021	CTGATTGGTY
chrII	3348360	3348510	0.0246	CTGATTGGTY
chrII	3627580	3627730	0.021	CTGATTGGTY
chrII	3710020	3710100	0.021	CTGATTGGTY
chrII	4284720	4284870	0.021	CTGATTGGTY
chrII	4284720	4284870	0.0246	CTGATTGGTY
chrII	4287060	4287210	0.021	CTGATTGGTY
chrII	4287060	4287210	0.0246	CTGATTGGTY
chrII	4341558	4341690	0.021	CTGATTGGTY
chrIII	11095714	11095830	0.021	CTGATTGGTY
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chrIII	11488972	11489070	0.0246	CTGATTGGTY
chrIII	11490440	11490590	0.021	CTGATTGGTY
chrIII	11490440	11490590	0.0246	CTGATTGGTY
chrIII	11520380	11520530	0.021	CTGATTGGTY
chrIII	11572820	11572970	0.0246	CTGATTGGTY
chrIII	11582492	11582630	0.021	CTGATTGGTY
chrIII	11582492	11582630	0.0246	CTGATTGGTY
chrIII	11958920	11959070	0.021	CTGATTGGTY
chrIII	11959700	11959850	0.021	CTGATTGGTY
chrIII	11959700	11959850	0.0246	CTGATTGGTY
chrIII	12033500	12033650	0.0246	CTGATTGGTY
chrIII	12064100	12064250	0.021	CTGATTGGTY
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chrIII	12153235	12153350	0.021	CTGATTGGTY
chrIII	12157405	12157470	0.021	CTGATTGGTY
chrIII	12269880	12270030	0.021	CTGATTGGTY
chrIII	12269880	12270030	0.0246	CTGATTGGTY
chrIII	12349100	12349250	0.0246	CTGATTGGTY

chrIII	12644620	12644770	0.021	CTGATTGGTY
chrIII	12644620	12644770	0.0246	CTGATTGGTY
chrIII	12652704	12652850	0.021	CTGATTGGTY
chrIII	12652704	12652850	0.0246	CTGATTGGTY
chrIII	12696720	12696870	0.021	CTGATTGGTY
chrIII	12702480	12702630	0.021	CTGATTGGTY
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chrIII	12785511	12785610	0.021	CTGATTGGTY
chrIII	13201080	13201230	0.021	CTGATTGGTY
chrIII	13201080	13201230	0.0246	CTGATTGGTY
chrIII	13201640	13201790	0.0246	CTGATTGGTY
chrIII	13201640	13201790	0.0374	CTGATTGGTY
chrIII	13201940	13202090	0.021	CTGATTGGTY
chrIII	2324900	2325050	0.021	CTGATTGGTY
chrIII	2324900	2325050	0.0246	CTGATTGGTY
chrIII	2515020	2515170	0.021	CTGATTGGTY
chrIII	2794174	2794290	0.021	CTGATTGGTY
chrIII	2864060	2864210	0.021	CTGATTGGTY
chrIII	2864060	2864210	0.0246	CTGATTGGTY
chrIII	3417521	3417610	0.021	CTGATTGGTY
chrIII	3417521	3417610	0.0246	CTGATTGGTY
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chrIII	3594780	3594930	0.0469	CTGATTGGTY
chrIII	3790980	3791130	0.021	CTGATTGGTY
chrIII	3790980	3791130	0.0246	CTGATTGGTY
chrIII	3798500	3798650	0.021	CTGATTGGTY
chrIII	3798500	3798650	0.0246	CTGATTGGTY
chrIII	4120520	4120670	0.021	CTGATTGGTY
chrIII	4382181	4382330	0.0246	CTGATTGGTY
chrIII	4395963	4396070	0.0246	CTGATTGGTY
chrIII	4953080	4953230	0.021	CTGATTGGTY
chrIII	4953080	4953230	0.0246	CTGATTGGTY
chrIII	5179260	5179410	0.0246	CTGATTGGTY
chrIII	5615815	5615910	0.021	CTGATTGGTY
chrIII	6301800	6301950	0.0246	CTGATTGGTY
chrIII	84540	84655	0.021	CTGATTGGTY
chrIII	9403420	9403570	0.0246	CTGATTGGTY
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chrIV	10856040	10856190	0.021	CTGATTGGTY
chrIV	11432180	11432330	0.0246	CTGATTGGTY
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chrIV	12339840	12339990	0.021	CTGATTGGTY
chrIV	12339840	12339990	0.0246	CTGATTGGTY
chrIV	12783300	12783370	0.021	CTGATTGGTY
chrIV	13304960	13305110	0.0246	CTGATTGGTY
chrIV	14016374	14016510	0.021	CTGATTGGTY
chrIV	14249520	14249670	0.021	CTGATTGGTY
chrIV	14533989	14534130	0.021	CTGATTGGTY
chrIV	14533989	14534130	0.0246	CTGATTGGTY
chrIV	15027400	15027550	0.021	CTGATTGGTY
chrIV	15027400	15027550	0.0246	CTGATTGGTY
chrIV	15027880	15028030	0.0246	CTGATTGGTY
chrIV	17100700	17100850	0.021	CTGATTGGTY

chrIV	17100700	17100850	0.0246	CTGATTGGTY
chrIV	17108960	17109110	0.021	CTGATTGGTY
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chrIV	3218300	3218450	0.0246	CTGATTGGTY
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chrIV	3261900	3262050	0.0246	CTGATTGGTY
chrIV	4740280	4740430	0.021	CTGATTGGTY
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chrIV	613280	613430	0.0246	CTGATTGGTY
chrIV	7510940	7511090	0.021	CTGATTGGTY
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chrV	12034300	12034450	0.021	CTGATTGGTY
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chrV	15887820	15887958	0.021	CTGATTGGTY
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chrV	16539720	16539870	0.0246	CTGATTGGTY
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chrV	16543220	16543370	0.021	CTGATTGGTY
chrV	16576880	16577030	0.0469	CTGATTGGTY
chrV	16583920	16584070	0.0374	CTGATTGGTY
chrV	16583920	16584070	0.0469	CTGATTGGTY
chrV	16804860	16805010	0.021	CTGATTGGTY
chrV	16804860	16805010	0.0246	CTGATTGGTY
chrV	16808260	16808410	0.021	CTGATTGGTY
chrV	16808260	16808410	0.0246	CTGATTGGTY
chrV	16959061	16959190	0.021	CTGATTGGTY
chrV	16959061	16959190	0.0246	CTGATTGGTY
chrV	174640	174790	0.021	CTGATTGGTY
chrV	2207640	2207790	0.0246	CTGATTGGTY
chrV	247760	247910	0.0246	CTGATTGGTY
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chrV	2643540	2643690	0.021	CTGATTGGTY
chrV	3707580	3707730	0.021	CTGATTGGTY
chrV	3707580	3707730	0.0246	CTGATTGGTY
chrV	372860	372992	0.021	CTGATTGGTY
chrV	4168180	4168330	0.021	CTGATTGGTY
chrV	4168180	4168330	0.0246	CTGATTGGTY
chrV	4404022	4404170	0.0246	CTGATTGGTY
chrV	4546960	4547110	0.021	CTGATTGGTY
chrV	4546960	4547110	0.0246	CTGATTGGTY
chrV	4571957	4572050	0.021	CTGATTGGTY
chrV	4623720	4623870	0.021	CTGATTGGTY
chrV	4623720	4623870	0.0246	CTGATTGGTY
chrV	483060	483145	0.0246	CTGATTGGTY
chrV	5484180	5484330	0.021	CTGATTGGTY
chrV	5499680	5499830	0.021	CTGATTGGTY
chrV	5953220	5953370	0.0246	CTGATTGGTY
chrV	8417380	8417530	0.021	CTGATTGGTY
chrV	8417380	8417530	0.0246	CTGATTGGTY
chrX	1153120	1153171	0.0246	CTGATTGGTY
chrX	4064560	4064710	0.0246	CTGATTGGTY
chrX	4886560	4886710	0.0374	CTGATTGGTY
chrII	1126260	1126323	0.046	GAAGCTATGC

chrII	1127300	1127384	0.046	GAAGCTATGC
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chrII	1492040	1492190	0.046	GAAGCTATGC
chrII	1495893	1495970	0.046	GAAGCTATGC
chrII	2467015	2467130	0.046	GAAGCTATGC
chrII	2477363	2477470	0.046	GAAGCTATGC
chrII	2505560	2505640	0.046	GAAGCTATGC
chrII	2514480	2514560	0.046	GAAGCTATGC
chrII	270667	270730	0.046	GAAGCTATGC
chrII	279898	280030	0.046	GAAGCTATGC
chrII	291520	291574	0.046	GAAGCTATGC
chrIII	11246640	11246790	0.046	GAAGCTATGC
chrIII	11295280	11295430	0.046	GAAGCTATGC
chrIII	1469270	1469390	0.046	GAAGCTATGC
chrIII	1487841	1487970	0.046	GAAGCTATGC
chrIII	1497900	1498050	0.046	GAAGCTATGC
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chrIII	1511180	1511330	0.046	GAAGCTATGC
chrIII	1556860	1557010	0.046	GAAGCTATGC
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chrIII	1566260	1566410	0.046	GAAGCTATGC
chrIII	1569620	1569756	0.046	GAAGCTATGC
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chrIII	2344800	2344950	0.046	GAAGCTATGC
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chrV	12459160	12459310	0.046	GAAGCTATGC
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chrV	18097580	18097730	0.046	GAAGCTATGC
chrV	18102960	18103078	0.046	GAAGCTATGC
chrX	52340	52490	0.046	GAAGCTATGC
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chrII	649340	649490	0.0246	GAGAGANAGA
chrII	6586382	6586470	0.0407	GAGAGANAGA
chrII	6812540	6812690	0.0178	GAGAGANAGA
chrII	6812540	6812690	0.0447	GAGAGANAGA
chrII	6934840	6934990	0.0246	GAGAGANAGA
chrII	6936060	6936153	0.0246	GAGAGANAGA
chrII	6973520	6973670	0.00521	GAGAGANAGA
chrII	714500	714650	0.0246	GAGAGANAGA
chrII	7308297	7308342	0.0246	GAGAGANAGA
chrII	7570800	7570950	0.0374	GAGAGANAGA
chrII	7592040	7592190	0.0178	GAGAGANAGA
chrII	764080	764230	0.0447	GAGAGANAGA
chrII	7768420	7768570	0.0246	GAGAGANAGA
chrII	7768420	7768570	0.0374	GAGAGANAGA
chrII	7895260	7895410	0.00985	GAGAGANAGA
chrII	7920700	7920850	0.0374	GAGAGANAGA
chrII	7921260	7921410	0.0374	GAGAGANAGA
chrII	7927301	7927430	0.0484	GAGAGANAGA
chrII	7982880	7983030	0.0336	GAGAGANAGA
chrII	7985060	7985210	0.0374	GAGAGANAGA
chrII	8415720	8415870	0.0484	GAGAGANAGA
chrII	8506380	8506486	0.0484	GAGAGANAGA
chrII	8957700	8957850	0.0374	GAGAGANAGA
chrII	8982120	8982270	0.0374	GAGAGANAGA

chrII	9015140	9015290	0.0246	GAGAGANAGA
chrII	9015140	9015290	0.0407	GAGAGANAGA
chrII	9120918	9121050	0.0246	GAGAGANAGA
chrII	9127100	9127250	0.0447	GAGAGANAGA
chrII	9130900	9130948	0.00985	GAGAGANAGA
chrII	9130900	9130948	0.0374	GAGAGANAGA
chrII	9261620	9261770	0.0136	GAGAGANAGA
chrII	9300160	9300310	0.00521	GAGAGANAGA
chrII	9300160	9300310	0.0336	GAGAGANAGA
chrII	9300160	9300310	0.0374	GAGAGANAGA
chrII	9308720	9308870	0.00521	GAGAGANAGA
chrII	9308720	9308870	0.0246	GAGAGANAGA
chrII	9308720	9308870	0.0374	GAGAGANAGA
chrII	9366960	9367110	0.00521	GAGAGANAGA
chrII	9366960	9367110	0.0374	GAGAGANAGA
chrII	9366960	9367110	0.0407	GAGAGANAGA
chrII	9601140	9601290	0.00521	GAGAGANAGA
chrII	9603400	9603550	0.0374	GAGAGANAGA
chrII	9603400	9603550	0.0484	GAGAGANAGA
chrII	9621160	9621310	0.00521	GAGAGANAGA
chrII	9621160	9621310	0.00985	GAGAGANAGA
chrII	9621160	9621310	0.0246	GAGAGANAGA
chrII	9621160	9621310	0.0374	GAGAGANAGA
chrII	9621160	9621310	0.0407	GAGAGANAGA
chrII	9956180	9956330	0.0336	GAGAGANAGA
chrII	9956180	9956330	0.0447	GAGAGANAGA
chrIII	10095540	10095690	0.0484	GAGAGANAGA
chrIII	10490400	10490550	0.0484	GAGAGANAGA
chrIII	10514360	10514510	0.0374	GAGAGANAGA
chrIII	10514360	10514510	0.0484	GAGAGANAGA
chrIII	10516940	10517090	0.0136	GAGAGANAGA
chrIII	10524400	10524550	0.0374	GAGAGANAGA
chrIII	10526000	10526150	0.0246	GAGAGANAGA
chrIII	10526000	10526150	0.0374	GAGAGANAGA
chrIII	10599700	10599850	0.0374	GAGAGANAGA
chrIII	10661200	10661350	0.00521	GAGAGANAGA
chrIII	10661200	10661350	0.0336	GAGAGANAGA
chrIII	10661200	10661350	0.0407	GAGAGANAGA
chrIII	10806860	10807010	0.0484	GAGAGANAGA
chrIII	10816120	10816270	0.00521	GAGAGANAGA
chrIII	10816120	10816270	0.0374	GAGAGANAGA
chrIII	10816120	10816270	0.0407	GAGAGANAGA
chrIII	10991520	10991634	0.0407	GAGAGANAGA
chrIII	11050780	11050930	0.00521	GAGAGANAGA
chrIII	11050780	11050930	0.0246	GAGAGANAGA
chrIII	11050780	11050930	0.0374	GAGAGANAGA
chrIII	11050780	11050930	0.0407	GAGAGANAGA
chrIII	11055040	11055190	0.0407	GAGAGANAGA
chrIII	11188480	11188630	0.00521	GAGAGANAGA
chrIII	11188480	11188630	0.0178	GAGAGANAGA
chrIII	11188480	11188630	0.0374	GAGAGANAGA
chrIII	11188480	11188630	0.0447	GAGAGANAGA
chrIII	1122360	1122510	0.0246	GAGAGANAGA
chrIII	11661740	11661890	0.00521	GAGAGANAGA

chrIII	11661740	11661890	0.0336	GAGAGANAGA
chrIII	11661740	11661890	0.0374	GAGAGANAGA
chrIII	11689340	11689490	0.00521	GAGAGANAGA
chrIII	11689340	11689490	0.0447	GAGAGANAGA
chrIII	12571120	12571270	0.0336	GAGAGANAGA
chrIII	13131260	13131410	0.00521	GAGAGANAGA
chrIII	13131260	13131410	0.0246	GAGAGANAGA
chrIII	13347940	13348090	0.0246	GAGAGANAGA
chrIII	13347940	13348090	0.0407	GAGAGANAGA
chrIII	13419240	13419390	0.0484	GAGAGANAGA
chrIII	13530860	13531010	0.0136	GAGAGANAGA
chrIII	13530860	13531010	0.0407	GAGAGANAGA
chrIII	13616940	13617090	0.0246	GAGAGANAGA
chrIII	13616940	13617090	0.0484	GAGAGANAGA
chrIII	13618099	13618149	0.0484	GAGAGANAGA
chrIII	13710340	13710490	0.0374	GAGAGANAGA
chrIII	13718780	13718930	0.00985	GAGAGANAGA
chrIII	1424360	1424510	0.00521	GAGAGANAGA
chrIII	1424360	1424510	0.0336	GAGAGANAGA
chrIII	1424360	1424510	0.0374	GAGAGANAGA
chrIII	1801240	1801390	0.0374	GAGAGANAGA
chrIII	1921000	1921150	0.0484	GAGAGANAGA
chrIII	2532940	2533090	0.00521	GAGAGANAGA
chrIII	2532940	2533090	0.0374	GAGAGANAGA
chrIII	2552500	2552650	0.0374	GAGAGANAGA
chrIII	2553660	2553810	0.0136	GAGAGANAGA
chrIII	3008060	3008210	0.0246	GAGAGANAGA
chrIII	3124760	3124910	0.0484	GAGAGANAGA
chrIII	3273160	3273310	0.00521	GAGAGANAGA
chrIII	3273160	3273310	0.0374	GAGAGANAGA
chrIII	3273160	3273310	0.0407	GAGAGANAGA
chrIII	3273160	3273310	0.0484	GAGAGANAGA
chrIII	3353780	3353930	0.00521	GAGAGANAGA
chrIII	3487260	3487410	0.00521	GAGAGANAGA
chrIII	3487260	3487410	0.0447	GAGAGANAGA
chrIII	3603540	3603690	0.00985	GAGAGANAGA
chrIII	3603540	3603690	0.0374	GAGAGANAGA
chrIII	3606780	3606930	0.0246	GAGAGANAGA
chrIII	3606780	3606930	0.0336	GAGAGANAGA
chrIII	3606780	3606930	0.0484	GAGAGANAGA
chrIII	3623840	3623990	0.0407	GAGAGANAGA
chrIII	3623840	3623990	0.0484	GAGAGANAGA
chrIII	3734143	3734243	0.0374	GAGAGANAGA
chrIII	3782820	3782970	0.00521	GAGAGANAGA
chrIII	3782820	3782970	0.0374	GAGAGANAGA
chrIII	3782820	3782970	0.0447	GAGAGANAGA
chrIII	3786580	3786716	0.00521	GAGAGANAGA
chrIII	3786580	3786716	0.0374	GAGAGANAGA
chrIII	3786580	3786716	0.0447	GAGAGANAGA
chrIII	3786580	3786716	0.0484	GAGAGANAGA
chrIII	3877560	3877710	0.0447	GAGAGANAGA
chrIII	3883160	3883310	0.0374	GAGAGANAGA
chrIII	3973460	3973610	0.0374	GAGAGANAGA
chrIII	4116680	4116830	0.0374	GAGAGANAGA

chrIII	4335680	4335830	0.0407	GAGAGANAGA
chrIII	4358420	4358570	0.00521	GAGAGANAGA
chrIII	4358420	4358570	0.0246	GAGAGANAGA
chrIII	4358420	4358570	0.0374	GAGAGANAGA
chrIII	4360020	4360170	0.00521	GAGAGANAGA
chrIII	4360020	4360170	0.0374	GAGAGANAGA
chrIII	4494700	4494850	0.00521	GAGAGANAGA
chrIII	4497780	4497930	0.0484	GAGAGANAGA
chrIII	4502000	4502150	0.0178	GAGAGANAGA
chrIII	4502000	4502150	0.0447	GAGAGANAGA
chrIII	4504440	4504590	0.00985	GAGAGANAGA
chrIII	4504440	4504590	0.0374	GAGAGANAGA
chrIII	4504440	4504590	0.0484	GAGAGANAGA
chrIII	4600600	4600737	0.0484	GAGAGANAGA
chrIII	4926037	4926110	0.0246	GAGAGANAGA
chrIII	5125900	5126050	0.00985	GAGAGANAGA
chrIII	5125900	5126050	0.0374	GAGAGANAGA
chrIII	5129960	5130110	0.0374	GAGAGANAGA
chrIII	5143260	5143410	0.00521	GAGAGANAGA
chrIII	5143260	5143410	0.0374	GAGAGANAGA
chrIII	5143260	5143410	0.0407	GAGAGANAGA
chrIII	5440480	5440520	0.0484	GAGAGANAGA
chrIII	5504240	5504390	0.00985	GAGAGANAGA
chrIII	5526145	5526210	0.0407	GAGAGANAGA
chrIII	5542040	5542190	0.00521	GAGAGANAGA
chrIII	5542040	5542190	0.0374	GAGAGANAGA
chrIII	558960	559110	0.00521	GAGAGANAGA
chrIII	558960	559110	0.0374	GAGAGANAGA
chrIII	5666020	5666170	0.00521	GAGAGANAGA
chrIII	5666020	5666170	0.0447	GAGAGANAGA
chrIII	5666740	5666890	0.00521	GAGAGANAGA
chrIII	5666740	5666890	0.0178	GAGAGANAGA
chrIII	5666740	5666890	0.0447	GAGAGANAGA
chrIII	5757400	5757550	0.0246	GAGAGANAGA
chrIII	5757400	5757550	0.0374	GAGAGANAGA
chrIII	5951180	5951330	0.00521	GAGAGANAGA
chrIII	5951180	5951330	0.0136	GAGAGANAGA
chrIII	5951180	5951330	0.0246	GAGAGANAGA
chrIII	5951180	5951330	0.0407	GAGAGANAGA
chrIII	6080920	6081070	0.0374	GAGAGANAGA
chrIII	6081240	6081390	0.00985	GAGAGANAGA
chrIII	6082440	6082590	0.0374	GAGAGANAGA
chrIII	6082440	6082590	0.0484	GAGAGANAGA
chrIII	6268400	6268550	0.0374	GAGAGANAGA
chrIII	6360920	6361070	0.00521	GAGAGANAGA
chrIII	6360920	6361070	0.0374	GAGAGANAGA
chrIII	6364460	6364610	0.0246	GAGAGANAGA
chrIII	6364460	6364610	0.0374	GAGAGANAGA
chrIII	6695300	6695450	0.0447	GAGAGANAGA
chrIII	6815104	6815151	0.00521	GAGAGANAGA
chrIII	6815104	6815151	0.0246	GAGAGANAGA
chrIII	6827760	6827910	0.0178	GAGAGANAGA
chrIII	6827760	6827910	0.0447	GAGAGANAGA
chrIII	6947980	6948130	0.0407	GAGAGANAGA

chrIII	6993420	6993570	0.00521	GAGAGANAGA
chrIII	711260	711410	0.0374	GAGAGANAGA
chrIII	711260	711410	0.0484	GAGAGANAGA
chrIII	7217140	7217290	0.0484	GAGAGANAGA
chrIII	748880	749030	0.0374	GAGAGANAGA
chrIII	7530780	7530930	0.0374	GAGAGANAGA
chrIII	7532140	7532290	0.0246	GAGAGANAGA
chrIII	7533120	7533270	0.0484	GAGAGANAGA
chrIII	7535420	7535570	0.0374	GAGAGANAGA
chrIII	7556560	7556710	0.0484	GAGAGANAGA
chrIII	765840	765990	0.00521	GAGAGANAGA
chrIII	765840	765990	0.0246	GAGAGANAGA
chrIII	765840	765990	0.0374	GAGAGANAGA
chrIII	767980	768130	0.00521	GAGAGANAGA
chrIII	767980	768130	0.0374	GAGAGANAGA
chrIII	767980	768130	0.0407	GAGAGANAGA
chrIII	7733117	7733170	0.0484	GAGAGANAGA
chrIII	802140	802290	0.0374	GAGAGANAGA
chrIII	8198880	8199030	0.00985	GAGAGANAGA
chrIII	8215820	8215970	0.0374	GAGAGANAGA
chrIII	8293340	8293490	0.0374	GAGAGANAGA
chrIII	8300940	8301090	0.00521	GAGAGANAGA
chrIII	8300940	8301090	0.0336	GAGAGANAGA
chrIII	8300940	8301090	0.0374	GAGAGANAGA
chrIII	8499800	8499950	0.00521	GAGAGANAGA
chrIII	8499800	8499950	0.0374	GAGAGANAGA
chrIII	8509720	8509870	0.0336	GAGAGANAGA
chrIII	8509720	8509870	0.0407	GAGAGANAGA
chrIII	8510940	8511090	0.00521	GAGAGANAGA
chrIII	8510940	8511090	0.0447	GAGAGANAGA
chrIII	8667160	8667310	0.0484	GAGAGANAGA
chrIII	8797300	8797450	0.0246	GAGAGANAGA
chrIII	8800701	8800830	0.0374	GAGAGANAGA
chrIII	8801440	8801590	0.0374	GAGAGANAGA
chrIII	8874260	8874410	0.00521	GAGAGANAGA
chrIII	8874260	8874410	0.0374	GAGAGANAGA
chrIII	8906800	8906950	0.00985	GAGAGANAGA
chrIII	8906800	8906950	0.0374	GAGAGANAGA
chrIII	8979700	8979850	0.00985	GAGAGANAGA
chrIII	8979700	8979850	0.0374	GAGAGANAGA
chrIII	9191660	9191810	0.0484	GAGAGANAGA
chrIII	9262184	9262330	0.0374	GAGAGANAGA
chrIII	9403420	9403570	0.0407	GAGAGANAGA
chrIII	9476180	9476330	0.00521	GAGAGANAGA
chrIII	9476180	9476330	0.0246	GAGAGANAGA
chrIII	9476180	9476330	0.0374	GAGAGANAGA
chrIII	9478640	9478790	0.0374	GAGAGANAGA
chrIII	9479580	9479730	0.00521	GAGAGANAGA
chrIII	9479580	9479730	0.0374	GAGAGANAGA
chrIII	9666700	9666850	0.0447	GAGAGANAGA
chrIII	9703160	9703310	0.00521	GAGAGANAGA
chrIII	9703160	9703310	0.0374	GAGAGANAGA
chrIII	9705220	9705370	0.00521	GAGAGANAGA
chrIII	9705220	9705370	0.0336	GAGAGANAGA

chrIII	9705220	9705370	0.0374	GAGAGANAGA
chrIII	9742080	9742167	0.0336	GAGAGANAGA
chrIII	9903940	9904090	0.0484	GAGAGANAGA
chrIV	10170880	10171030	0.0484	GAGAGANAGA
chrIV	10336800	10336950	0.00985	GAGAGANAGA
chrIV	10346120	10346270	0.00985	GAGAGANAGA
chrIV	10346120	10346270	0.0374	GAGAGANAGA
chrIV	10501200	10501350	0.0246	GAGAGANAGA
chrIV	10501200	10501350	0.0484	GAGAGANAGA
chrIV	10527500	10527650	0.0447	GAGAGANAGA
chrIV	10529080	10529230	0.00521	GAGAGANAGA
chrIV	10529080	10529230	0.0374	GAGAGANAGA
chrIV	10773860	10774010	0.00985	GAGAGANAGA
chrIV	10773860	10774010	0.0484	GAGAGANAGA
chrIV	11220	11268	0.0447	GAGAGANAGA
chrIV	11348860	11349010	0.00521	GAGAGANAGA
chrIV	11348860	11349010	0.0246	GAGAGANAGA
chrIV	11348860	11349010	0.0374	GAGAGANAGA
chrIV	11491520	11491670	0.0374	GAGAGANAGA
chrIV	11571380	11571530	0.00985	GAGAGANAGA
chrIV	11571380	11571530	0.0374	GAGAGANAGA
chrIV	11571380	11571530	0.0407	GAGAGANAGA
chrIV	11717220	11717370	0.00985	GAGAGANAGA
chrIV	11717220	11717370	0.0246	GAGAGANAGA
chrIV	11717220	11717370	0.0374	GAGAGANAGA
chrIV	11722300	11722450	0.00985	GAGAGANAGA
chrIV	11722300	11722450	0.0374	GAGAGANAGA
chrIV	11999080	11999230	0.00985	GAGAGANAGA
chrIV	12004360	12004510	0.0484	GAGAGANAGA
chrIV	12044820	12044970	0.00521	GAGAGANAGA
chrIV	12131160	12131310	0.0374	GAGAGANAGA
chrIV	12131700	12131850	0.00521	GAGAGANAGA
chrIV	12131700	12131850	0.0246	GAGAGANAGA
chrIV	12131700	12131850	0.0407	GAGAGANAGA
chrIV	12158040	12158190	0.00521	GAGAGANAGA
chrIV	12158040	12158190	0.0447	GAGAGANAGA
chrIV	12177800	12177950	0.00521	GAGAGANAGA
chrIV	12177800	12177950	0.0246	GAGAGANAGA
chrIV	12202040	12202190	0.0374	GAGAGANAGA
chrIV	12334101	12334210	0.0374	GAGAGANAGA
chrIV	12366800	12366874	0.0374	GAGAGANAGA
chrIV	12548380	12548530	0.0374	GAGAGANAGA
chrIV	12698620	12698770	0.0374	GAGAGANAGA
chrIV	12698980	12699130	0.0374	GAGAGANAGA
chrIV	12700340	12700490	0.00521	GAGAGANAGA
chrIV	12700340	12700490	0.0246	GAGAGANAGA
chrIV	12700340	12700490	0.0374	GAGAGANAGA
chrIV	12816780	12816930	0.0246	GAGAGANAGA
chrIV	12821400	12821550	0.0484	GAGAGANAGA
chrIV	13013300	13013450	0.0136	GAGAGANAGA
chrIV	13013300	13013450	0.0407	GAGAGANAGA
chrIV	13028140	13028290	0.00521	GAGAGANAGA
chrIV	13030960	13031110	0.0407	GAGAGANAGA
chrIV	13471840	13471990	0.0374	GAGAGANAGA

chrIV	13483320	13483470	0.00521	GAGAGANAGA
chrIV	13563160	13563310	0.00521	GAGAGANAGA
chrIV	13563160	13563310	0.00985	GAGAGANAGA
chrIV	13564420	13564570	0.00521	GAGAGANAGA
chrIV	13564420	13564570	0.0246	GAGAGANAGA
chrIV	13564420	13564570	0.0374	GAGAGANAGA
chrIV	13763560	13763710	0.0136	GAGAGANAGA
chrIV	13763560	13763710	0.0407	GAGAGANAGA
chrIV	13938240	13938390	0.00521	GAGAGANAGA
chrIV	13955740	13955890	0.0374	GAGAGANAGA
chrIV	1439340	1439490	0.0336	GAGAGANAGA
chrIV	14794000	14794150	0.0374	GAGAGANAGA
chrIV	14794420	14794570	0.00521	GAGAGANAGA
chrIV	14794420	14794570	0.0246	GAGAGANAGA
chrIV	14794420	14794570	0.0407	GAGAGANAGA
chrIV	14838200	14838350	0.0374	GAGAGANAGA
chrIV	15021100	15021250	0.00521	GAGAGANAGA
chrIV	15021100	15021250	0.0336	GAGAGANAGA
chrIV	15021100	15021250	0.0374	GAGAGANAGA
chrIV	1548520	1548670	0.00985	GAGAGANAGA
chrIV	1548520	1548670	0.0374	GAGAGANAGA
chrIV	1586540	1586690	0.0374	GAGAGANAGA
chrIV	16022520	16022670	0.00521	GAGAGANAGA
chrIV	16022520	16022670	0.0374	GAGAGANAGA
chrIV	16022520	16022670	0.0447	GAGAGANAGA
chrIV	16024220	16024370	0.0246	GAGAGANAGA
chrIV	16024220	16024370	0.0374	GAGAGANAGA
chrIV	166629	166676	0.0484	GAGAGANAGA
chrIV	1838700	1838850	0.00521	GAGAGANAGA
chrIV	1838700	1838850	0.0407	GAGAGANAGA
chrIV	1854200	1854316	0.00521	GAGAGANAGA
chrIV	1854200	1854316	0.0407	GAGAGANAGA
chrIV	1854200	1854316	0.0484	GAGAGANAGA
chrIV	1906880	1907030	0.00521	GAGAGANAGA
chrIV	1906880	1907030	0.0374	GAGAGANAGA
chrIV	1906880	1907030	0.0447	GAGAGANAGA
chrIV	210780	210881	0.00521	GAGAGANAGA
chrIV	210780	210881	0.0374	GAGAGANAGA
chrIV	2284600	2284750	0.00985	GAGAGANAGA
chrIV	2397320	2397470	0.0246	GAGAGANAGA
chrIV	2449420	2449570	0.0374	GAGAGANAGA
chrIV	2450480	2450630	0.0246	GAGAGANAGA
chrIV	2648180	2648330	0.0336	GAGAGANAGA
chrIV	3004400	3004550	0.00521	GAGAGANAGA
chrIV	3004400	3004550	0.0246	GAGAGANAGA
chrIV	3004400	3004550	0.0447	GAGAGANAGA
chrIV	3113240	3113390	0.00521	GAGAGANAGA
chrIV	3246840	3246990	0.00521	GAGAGANAGA
chrIV	3246840	3246990	0.0374	GAGAGANAGA
chrIV	345040	345173	0.0407	GAGAGANAGA
chrIV	3623560	3623710	0.00521	GAGAGANAGA
chrIV	3623560	3623710	0.0246	GAGAGANAGA
chrIV	3765200	3765350	0.00521	GAGAGANAGA
chrIV	3765200	3765350	0.0374	GAGAGANAGA

chrIV	4019900	4020050	0.00521	GAGAGANAGA
chrIV	4019900	4020050	0.0246	GAGAGANAGA
chrIV	4019900	4020050	0.0336	GAGAGANAGA
chrIV	4024240	4024390	0.0336	GAGAGANAGA
chrIV	4210980	4211130	0.00985	GAGAGANAGA
chrIV	4210980	4211130	0.0374	GAGAGANAGA
chrIV	4467128	4467270	0.0178	GAGAGANAGA
chrIV	4490400	4490530	0.00521	GAGAGANAGA
chrIV	4574240	4574390	0.0374	GAGAGANAGA
chrIV	4588480	4588630	0.00521	GAGAGANAGA
chrIV	4588480	4588630	0.0246	GAGAGANAGA
chrIV	4613480	4613630	0.0484	GAGAGANAGA
chrIV	4630280	4630430	0.00521	GAGAGANAGA
chrIV	463920	464070	0.0246	GAGAGANAGA
chrIV	5098960	5099110	0.0246	GAGAGANAGA
chrIV	5100260	5100410	0.00985	GAGAGANAGA
chrIV	5100260	5100410	0.0374	GAGAGANAGA
chrIV	5134900	5135050	0.00521	GAGAGANAGA
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chrIV	5525300	5525450	0.0374	GAGAGANAGA
chrIV	5555660	5555810	0.00521	GAGAGANAGA
chrIV	5555660	5555810	0.0447	GAGAGANAGA
chrIV	5557160	5557310	0.00521	GAGAGANAGA
chrIV	5557160	5557310	0.0447	GAGAGANAGA
chrIV	5588680	5588830	0.00521	GAGAGANAGA
chrIV	5588680	5588830	0.0374	GAGAGANAGA
chrIV	5591300	5591450	0.00521	GAGAGANAGA
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chrIV	562840	562990	0.00521	GAGAGANAGA
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chrIV	562840	562990	0.0407	GAGAGANAGA
chrIV	5654380	5654528	0.0374	GAGAGANAGA
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chrIV	5659520	5659670	0.00521	GAGAGANAGA
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chrIV	5659520	5659670	0.0407	GAGAGANAGA
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chrIV	5753380	5753530	0.0178	GAGAGANAGA
chrIV	5753380	5753530	0.0407	GAGAGANAGA
chrIV	5753380	5753530	0.0447	GAGAGANAGA
chrIV	5753380	5753530	0.0484	GAGAGANAGA
chrIV	6053600	6053750	0.0178	GAGAGANAGA
chrIV	6053600	6053750	0.0447	GAGAGANAGA
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chrIV	6367860	6368010	0.0374	GAGAGANAGA
chrIV	7417380	7417530	0.0374	GAGAGANAGA
chrIV	7426320	7426470	0.00521	GAGAGANAGA
chrIV	7426320	7426470	0.0407	GAGAGANAGA

chrIV	7426320	7426470	0.0484	GAGAGANAGA
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chrIV	7435580	7435730	0.0484	GAGAGANAGA
chrIV	7439380	7439530	0.0374	GAGAGANAGA
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chrIV	8587260	8587410	0.0484	GAGAGANAGA
chrIV	8988480	8988580	0.0246	GAGAGANAGA
chrIV	8988480	8988580	0.0374	GAGAGANAGA
chrIV	9125280	9125430	0.00985	GAGAGANAGA
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chrIV	9125280	9125430	0.0374	GAGAGANAGA
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chrV	12028600	12028750	0.00985	GAGAGANAGA
chrV	12028600	12028750	0.0374	GAGAGANAGA
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chrV	12030640	12030790	0.0374	GAGAGANAGA

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chrV	13371500	13371650	0.00521	GAGAGANAGA
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chrV	1350020	1350170	0.0374	GAGAGANAGA
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chrV	15552600	15552750	0.0336	GAGAGANAGA
chrV	15552600	15552750	0.0374	GAGAGANAGA
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chrV	19233600	19233750	0.0407	GAGAGANAGA
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chrV	19598780	19598930	0.00521	GAGAGANAGA
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chrV	19598780	19598930	0.0374	GAGAGANAGA
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chrV	6143640	6143790	0.0374	GAGAGANAGA
chrV	6164020	6164170	0.0374	GAGAGANAGA
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chrV	8435380	8435530	0.00985	GAGAGANAGA
chrV	8435380	8435530	0.0178	GAGAGANAGA
chrV	8610720	8610870	0.0447	GAGAGANAGA

chrV	8788960	8789015	0.0447	GAGAGANAGA
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chrX	10336020	10336170	0.0374	GAGAGANAGA
chrX	10647660	10647810	0.0484	GAGAGANAGA
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chrX	10681720	10681870	0.00521	GAGAGANAGA
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chrX	2795240	2795390	0.0374	GAGAGANAGA
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chrX	3090140	3090268	0.0178	GAGAGANAGA
chrX	3090140	3090268	0.0447	GAGAGANAGA
chrX	3218160	3218310	0.0484	GAGAGANAGA

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chrX	5290760	5290910	0.0374	GAGAGANAGA
chrX	5360260	5360410	0.0246	GAGAGANAGA
chrX	5413100	5413250	0.00521	GAGAGANAGA
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chrX	6657437	6657530	0.0374	GAGAGANAGA
chrX	6893100	6893250	0.0484	GAGAGANAGA
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chrX	7462140	7462290	0.0484	GAGAGANAGA
chrX	7797140	7797290	0.00521	GAGAGANAGA
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chrX	7859300	7859450	0.0374	GAGAGANAGA
chrX	8236100	8236247	0.0246	GAGAGANAGA
chrX	8918840	8918939	0.0246	GAGAGANAGA

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chrX	9401980	9402130	0.0374	GAGAGANAGA
chrX	9410880	9411030	0.0447	GAGAGANAGA
chrX	9508820	9508970	0.0484	GAGAGANAGA
chrX	9667620	9667770	0.0374	GAGAGANAGA
chrX	9830303	9830350	0.0374	GAGAGANAGA
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chrX	9876100	9876250	0.0246	GAGAGANAGA
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chrIII	13713060	13713210	0.0449	GCTGCTGCY
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chrIII	2684740	2684890	0.0449	GCTGCTGCY
chrIII	3622740	3622890	0.0449	GCTGCTGCY
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chrIV	4287520	4287670	0.0449	GCTGCTGCY
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chrV	3710600	3710698	0.0449	GCTGCTGCY
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chrV	4526840	4526990	0.0449	GCTGCTGCY
chrV	621080	621230	0.0449	GCTGCTGCY
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chrX	1302420	1302570	0.0449	GCTGCTGCY
chrX	17029147	17029199	0.0449	GCTGCTGCY
chrX	2661980	2662130	0.0449	GCTGCTGCY
chrX	2743400	2743550	0.0449	GCTGCTGCY
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chrX	4016240	4016390	0.0449	GCTGCTGCY

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chrI	13529166	13529270	0.0372	GCVGCCGAC
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chrII	13290940	13291090	0.0372	GCVGCCGAC
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chrII	14945580	14945730	0.0313	GCVGCCGAC
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chrII	3331380	3331530	0.0372	GCVGCCGAC
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chrII	3716020	3716170	0.0313	GCVGCCGAC
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chrIII	11118040	11118190	0.0372	GCVGCCGAC
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chrIII	11260420	11260570	0.0313	GCVGCCGAC
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chrIII	12286140	12286290	0.0313	GCVGCCGAC
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chrIII	13092360	13092510	0.0499	GCVGCCGAC
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chrV	18031740	18031890	0.0372	GCVGCCGAC
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chrV	18577980	18578130	0.0313	GCVGCCGAC
chrV	19555440	19555590	0.0313	GCVGCCGAC
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chrV	249360	249510	0.0313	GCVGCCGAC
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chrII	3331380	3331530	0.0251	GGGCGCTGCTW
chrII	5336920	5337070	0.00924	GGGCGCTGCTW
chrII	6140560	6140710	0.00222	GGGCGCTGCTW
chrIII	11098060	11098210	0.0482	GGGCGCTGCTW
chrIII	11923160	11923310	0.0482	GGGCGCTGCTW
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chrIV	12822820	12822970	0.0445	GGGCGCTGCTW
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chrIV	14846020	14846170	0.0304	GGGCGCTGCTW
chrIV	16204937	16205050	0.00603	GGGCGCTGCTW
chrIV	1984640	1984790	0.018	GGGCGCTGCTW
chrIV	4211400	4211550	0.00603	GGGCGCTGCTW
chrIV	4461534	4461583	0.0422	GGGCGCTGCTW
chrV	13813323	13813442	0.0445	GGGCGCTGCTW
chrV	16230600	16230750	0.00774	GGGCGCTGCTW
chrV	18877880	18878030	0.00134	GGGCGCTGCTW
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chrV	18878740	18878890	0.00222	GGGCGCTGCTW
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chrV	18883140	18883290	0.00134	GGGCGCTGCTW
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chrV	18883740	18883890	0.00134	GGGCGCTGCTW
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chrV	18887140	18887290	0.00134	GGGCGCTGCTW
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chrV	18887560	18887710	0.00222	GGGCGCTGCTW
chrV	18889160	18889310	0.00222	GGGCGCTGCTW
chrV	18893060	18893210	0.00134	GGGCGCTGCTW
chrV	18893060	18893210	0.00222	GGGCGCTGCTW
chrV	18894080	18894230	0.00134	GGGCGCTGCTW
chrV	18894080	18894230	0.00222	GGGCGCTGCTW
chrV	18895748	18895870	0.00134	GGGCGCTGCTW
chrV	18895748	18895870	0.00222	GGGCGCTGCTW
chrV	18958920	18959070	0.00134	GGGCGCTGCTW
chrV	18958920	18959070	0.0304	GGGCGCTGCTW
chrV	18959200	18959350	0.00134	GGGCGCTGCTW
chrV	18959200	18959350	0.018	GGGCGCTGCTW
chrV	18959200	18959350	0.0304	GGGCGCTGCTW
chrV	18959844	18959910	0.0304	GGGCGCTGCTW
chrV	18964440	18964550	0.00134	GGGCGCTGCTW
chrV	18964440	18964550	0.00222	GGGCGCTGCTW
chrV	18964440	18964550	0.0304	GGGCGCTGCTW
chrV	18966862	18966990	0.00134	GGGCGCTGCTW
chrV	18966862	18966990	0.00924	GGGCGCTGCTW
chrV	18968360	18968510	0.00134	GGGCGCTGCTW

chrV	18980020	18980170	0.00134	GGGCGCTGCTW
chrV	18980020	18980170	0.00222	GGGCGCTGCTW
chrV	18980020	18980170	0.018	GGGCGCTGCTW
chrV	18982440	18982590	0.00134	GGGCGCTGCTW
chrV	18982440	18982590	0.00222	GGGCGCTGCTW
chrV	18982440	18982590	0.018	GGGCGCTGCTW
chrV	18982920	18983070	0.00134	GGGCGCTGCTW
chrV	18982920	18983070	0.018	GGGCGCTGCTW
chrV	18982920	18983070	0.0304	GGGCGCTGCTW
chrV	18983500	18983650	0.00134	GGGCGCTGCTW
chrV	18983500	18983650	0.018	GGGCGCTGCTW
chrV	18983500	18983650	0.0422	GGGCGCTGCTW
chrV	18987060	18987210	0.00134	GGGCGCTGCTW
chrV	18987060	18987210	0.0304	GGGCGCTGCTW
chrV	18989740	18989890	0.00134	GGGCGCTGCTW
chrV	18989740	18989890	0.0304	GGGCGCTGCTW
chrV	18991820	18991970	0.00134	GGGCGCTGCTW
chrV	18992080	18992230	0.00134	GGGCGCTGCTW
chrV	18992080	18992230	0.00222	GGGCGCTGCTW
chrV	18992520	18992670	0.00134	GGGCGCTGCTW
chrV	18992520	18992670	0.00392	GGGCGCTGCTW
chrV	18996840	18996990	0.00222	GGGCGCTGCTW
chrV	18997560	18997710	0.00134	GGGCGCTGCTW
chrV	18997560	18997710	0.00222	GGGCGCTGCTW
chrV	18999100	18999250	0.00134	GGGCGCTGCTW
chrV	18999940	19000090	0.00134	GGGCGCTGCTW
chrV	18999940	19000090	0.00222	GGGCGCTGCTW
chrV	19003700	19003850	0.0251	GGGCGCTGCTW
chrV	19111300	19111450	0.00134	GGGCGCTGCTW
chrV	19111300	19111450	0.0304	GGGCGCTGCTW
chrV	19118040	19118190	0.00134	GGGCGCTGCTW
chrV	19119739	19119850	0.00134	GGGCGCTGCTW
chrV	19119739	19119850	0.00924	GGGCGCTGCTW
chrV	19119940	19120090	0.00134	GGGCGCTGCTW
chrV	19119940	19120090	0.00222	GGGCGCTGCTW
chrV	19119940	19120090	0.00924	GGGCGCTGCTW
chrV	19120380	19120530	0.00134	GGGCGCTGCTW
chrV	19120380	19120530	0.00924	GGGCGCTGCTW
chrV	19122480	19122630	0.00134	GGGCGCTGCTW
chrV	19123000	19123150	0.00134	GGGCGCTGCTW
chrV	19123000	19123150	0.00222	GGGCGCTGCTW
chrV	19123000	19123150	0.018	GGGCGCTGCTW
chrV	19123560	19123710	0.00134	GGGCGCTGCTW
chrV	19123560	19123710	0.00222	GGGCGCTGCTW
chrV	19123560	19123710	0.018	GGGCGCTGCTW
chrV	19124380	19124530	0.00134	GGGCGCTGCTW
chrV	19124380	19124530	0.018	GGGCGCTGCTW
chrV	19191240	19191390	0.00134	GGGCGCTGCTW
chrV	19191240	19191390	0.00222	GGGCGCTGCTW
chrV	19191240	19191390	0.0304	GGGCGCTGCTW
chrV	19194080	19194230	0.00134	GGGCGCTGCTW
chrV	19194080	19194230	0.0304	GGGCGCTGCTW
chrV	19194620	19194770	0.00134	GGGCGCTGCTW
chrV	19194620	19194770	0.0304	GGGCGCTGCTW

chrV	19910220	19910370	0.00134	GGGCGCTGCTW
chrV	19910220	19910370	0.00222	GGGCGCTGCTW
chrV	19914340	19914490	0.00134	GGGCGCTGCTW
chrV	19914340	19914490	0.0251	GGGCGCTGCTW
chrV	19933380	19933530	0.00222	GGGCGCTGCTW
chrV	19933380	19933530	0.0304	GGGCGCTGCTW
chrV	19933940	19934090	0.00134	GGGCGCTGCTW
chrV	19933940	19934090	0.00222	GGGCGCTGCTW
chrV	19945463	19945590	0.00134	GGGCGCTGCTW
chrV	19945463	19945590	0.00222	GGGCGCTGCTW
chrV	19945463	19945590	0.00774	GGGCGCTGCTW
chrV	19945800	19945950	0.00134	GGGCGCTGCTW
chrV	19947320	19947470	0.00134	GGGCGCTGCTW
chrV	19947320	19947470	0.018	GGGCGCTGCTW
chrV	19948060	19948210	0.00134	GGGCGCTGCTW
chrV	19948060	19948210	0.0304	GGGCGCTGCTW
chrV	19952820	19952970	0.00134	GGGCGCTGCTW
chrV	19952820	19952970	0.00222	GGGCGCTGCTW
chrV	19952820	19952970	0.018	GGGCGCTGCTW
chrV	19952820	19952970	0.0251	GGGCGCTGCTW
chrV	20086180	20086330	0.00134	GGGCGCTGCTW
chrV	20086180	20086330	0.018	GGGCGCTGCTW
chrV	20086640	20086790	0.00134	GGGCGCTGCTW
chrV	20086640	20086790	0.018	GGGCGCTGCTW
chrV	20086860	20087010	0.00134	GGGCGCTGCTW
chrV	20086860	20087010	0.018	GGGCGCTGCTW
chrV	20089740	20089890	0.00134	GGGCGCTGCTW
chrV	20089740	20089890	0.00222	GGGCGCTGCTW
chrV	20091860	20092010	0.00134	GGGCGCTGCTW
chrV	20091860	20092010	0.00312	GGGCGCTGCTW
chrV	20091860	20092010	0.018	GGGCGCTGCTW
chrV	20099340	20099490	0.00134	GGGCGCTGCTW
chrV	20099340	20099490	0.00924	GGGCGCTGCTW
chrV	20099720	20099870	0.00134	GGGCGCTGCTW
chrV	20101760	20101910	0.00134	GGGCGCTGCTW
chrV	20101760	20101910	0.00222	GGGCGCTGCTW
chrV	20101760	20101910	0.0422	GGGCGCTGCTW
chrV	20102280	20102430	0.00134	GGGCGCTGCTW
chrV	20102280	20102430	0.00222	GGGCGCTGCTW
chrV	20102280	20102430	0.0422	GGGCGCTGCTW
chrV	20102840	20102990	0.00134	GGGCGCTGCTW
chrV	20102840	20102990	0.00222	GGGCGCTGCTW
chrV	20103480	20103630	0.00134	GGGCGCTGCTW
chrV	20240040	20240190	0.00134	GGGCGCTGCTW
chrV	20240040	20240190	0.00222	GGGCGCTGCTW
chrV	20240580	20240730	0.00134	GGGCGCTGCTW
chrV	20240580	20240730	0.00222	GGGCGCTGCTW
chrV	20248080	20248230	0.00134	GGGCGCTGCTW
chrV	20248520	20248670	0.00134	GGGCGCTGCTW
chrV	20262940	20263090	0.00134	GGGCGCTGCTW
chrV	20262940	20263090	0.0304	GGGCGCTGCTW
chrV	20263960	20264110	0.00134	GGGCGCTGCTW
chrV	20265140	20265290	0.00134	GGGCGCTGCTW
chrV	20265140	20265290	0.018	GGGCGCTGCTW

chrV	20265620	20265770	0.00134	GGGCGCTGCTW
chrV	20265620	20265770	0.00222	GGGCGCTGCTW
chrV	20265620	20265770	0.0304	GGGCGCTGCTW
chrV	20268260	20268410	0.00134	GGGCGCTGCTW
chrV	20268260	20268410	0.0251	GGGCGCTGCTW
chrV	20268260	20268410	0.0304	GGGCGCTGCTW
chrV	20270540	20270690	0.00134	GGGCGCTGCTW
chrV	20271080	20271230	0.00134	GGGCGCTGCTW
chrV	20271080	20271230	0.0304	GGGCGCTGCTW
chrV	20271460	20271610	0.00134	GGGCGCTGCTW
chrV	20272980	20273130	0.00134	GGGCGCTGCTW
chrV	20272980	20273130	0.0304	GGGCGCTGCTW
chrV	20273640	20273790	0.00134	GGGCGCTGCTW
chrV	20273640	20273790	0.0304	GGGCGCTGCTW
chrV	20274000	20274150	0.00134	GGGCGCTGCTW
chrV	20274700	20274850	0.00134	GGGCGCTGCTW
chrV	20275220	20275333	0.00134	GGGCGCTGCTW
chrV	5953220	5953370	0.0334	GGGCGCTGCTW
chrV	6513420	6513570	0.0422	GGGCGCTGCTW
chrV	6527040	6527190	0.018	GGGCGCTGCTW
chrV	9970220	9970370	0.0251	GGGCGCTGCTW
chrX	10516740	10516890	0.0304	GGGCGCTGCTW
chrX	15275220	15275370	0.00134	GGGCGCTGCTW
chrX	16519454	16519510	0.0208	GGGCGCTGCTW
chrX	184400	184550	0.00134	GGGCGCTGCTW
chrX	188500	188650	0.00134	GGGCGCTGCTW
chrX	188860	189010	0.00134	GGGCGCTGCTW
chrX	189140	189290	0.00134	GGGCGCTGCTW
chrX	189420	189570	0.00134	GGGCGCTGCTW
chrX	189900	190050	0.00134	GGGCGCTGCTW
chrX	4669000	4669150	0.00134	GGGCGCTGCTW
chrX	4669360	4669510	0.00134	GGGCGCTGCTW
chrX	4669880	4670030	0.0304	GGGCGCTGCTW
chrX	9737750	9737890	0.0422	GGGCGCTGCTW
chrI	11127580	11127730	0.0119	GGGNTCGAACC
chrI	11499220	11499370	0.0139	GGGNTCGAACC
chrI	11530220	11530284	0.0119	GGGNTCGAACC
chrI	11555320	11555470	0.00773	GGGNTCGAACC
chrII	11959333	11959410	0.0172	GGGNTCGAACC
chrII	12346680	12346830	0.00773	GGGNTCGAACC
chrII	12346680	12346830	0.0119	GGGNTCGAACC
chrII	163520	163670	0.00773	GGGNTCGAACC
chrII	2445260	2445312	0.00773	GGGNTCGAACC
chrII	2719340	2719490	0.00773	GGGNTCGAACC
chrII	2720980	2721130	0.00773	GGGNTCGAACC
chrII	2722140	2722290	0.00773	GGGNTCGAACC
chrIII	1032540	1032690	0.00773	GGGNTCGAACC
chrIII	1040620	1040770	0.0172	GGGNTCGAACC
chrIII	1042820	1042970	0.0172	GGGNTCGAACC
chrIII	10960460	10960610	0.0119	GGGNTCGAACC
chrIII	1664840	1664990	0.0119	GGGNTCGAACC
chrIII	2304180	2304330	0.0172	GGGNTCGAACC
chrIII	265260	265410	0.0139	GGGNTCGAACC
chrIII	277060	277210	0.0139	GGGNTCGAACC

chrIII	279480	279630	0.0139	GGGNTCGAACC
chrIII	3107620	3107722	0.0119	GGGNTCGAACC
chrIII	3186960	3187088	0.0119	GGGNTCGAACC
chrIII	3368060	3368210	0.00773	GGGNTCGAACC
chrIII	5637340	5637490	0.00773	GGGNTCGAACC
chrIV	109860	110002	0.0139	GGGNTCGAACC
chrIV	1389400	1389550	0.00773	GGGNTCGAACC
chrIV	1464620	1464770	0.0172	GGGNTCGAACC
chrIV	1471460	1471610	0.0462	GGGNTCGAACC
chrIV	14838200	14838350	0.0139	GGGNTCGAACC
chrIV	2602960	2603110	0.0139	GGGNTCGAACC
chrIV	2960380	2960530	0.0298	GGGNTCGAACC
chrIV	6481116	6481230	0.0139	GGGNTCGAACC
chrV	1076920	1077070	0.0119	GGGNTCGAACC
chrV	12303599	12303670	0.00773	GGGNTCGAACC
chrV	15515486	15515590	0.0139	GGGNTCGAACC
chrV	16370122	16370230	0.0298	GGGNTCGAACC
chrV	17660800	17660950	0.00773	GGGNTCGAACC
chrV	17662920	17663070	0.0172	GGGNTCGAACC
chrV	17684660	17684768	0.00773	GGGNTCGAACC
chrV	17686580	17686730	0.00773	GGGNTCGAACC
chrV	17690400	17690550	0.00773	GGGNTCGAACC
chrV	17930740	17930890	0.00773	GGGNTCGAACC
chrV	17931940	17932090	0.00773	GGGNTCGAACC
chrV	17933340	17933490	0.0139	GGGNTCGAACC
chrV	17947340	17947490	0.00773	GGGNTCGAACC
chrV	17948100	17948250	0.00773	GGGNTCGAACC
chrV	18460760	18460910	0.00773	GGGNTCGAACC
chrV	18625319	18625410	0.00773	GGGNTCGAACC
chrV	18804700	18804850	0.0119	GGGNTCGAACC
chrV	18848669	18848810	0.00773	GGGNTCGAACC
chrV	18912580	18912730	0.00773	GGGNTCGAACC
chrV	18913240	18913390	0.0139	GGGNTCGAACC
chrV	18914060	18914210	0.00773	GGGNTCGAACC
chrV	19177960	19178110	0.00773	GGGNTCGAACC
chrV	19521360	19521510	0.00773	GGGNTCGAACC
chrV	19578420	19578570	0.0139	GGGNTCGAACC
chrV	19581900	19582050	0.0139	GGGNTCGAACC
chrV	19585880	19586030	0.00773	GGGNTCGAACC
chrV	19586180	19586330	0.00773	GGGNTCGAACC
chrV	19586940	19587090	0.00773	GGGNTCGAACC
chrV	19592560	19592710	0.00773	GGGNTCGAACC
chrV	19595740	19595890	0.0172	GGGNTCGAACC
chrV	19598220	19598370	0.00773	GGGNTCGAACC
chrV	19598520	19598670	0.00773	GGGNTCGAACC
chrV	19599180	19599330	0.00773	GGGNTCGAACC
chrV	19600340	19600490	0.00773	GGGNTCGAACC
chrV	19618425	19618470	0.00773	GGGNTCGAACC
chrV	19702380	19702530	0.0172	GGGNTCGAACC
chrV	19703863	19703950	0.00773	GGGNTCGAACC
chrV	19704700	19704850	0.00773	GGGNTCGAACC
chrV	20027333	20027390	0.00773	GGGNTCGAACC
chrV	20119860	20120010	0.00773	GGGNTCGAACC
chrV	20134900	20135050	0.0119	GGGNTCGAACC

chrV	20279420	20279570	0.00773	GGGNTCGAACC
chrV	20333560	20333710	0.00773	GGGNTCGAACC
chrV	20334560	20334710	0.00773	GGGNTCGAACC
chrX	12843540	12843690	0.0119	GGGNTCGAACC
chrX	13730200	13730350	0.0119	GGGNTCGAACC
chrX	15236080	15236230	0.0119	GGGNTCGAACC
chrX	86840	86990	0.0172	GGGNTCGAACC
chrI	11110880	11111030	0.0459	GGTGTTTGCR
chrI	12488220	12488370	0.0459	GGTGTTTGCR
chrI	12743300	12743450	0.0459	GGTGTTTGCR
chrI	4186000	4186150	0.0459	GGTGTTTGCR
chrI	8711620	8711770	0.0459	GGTGTTTGCR
chrII	1199800	1199950	0.0459	GGTGTTTGCR
chrII	2200280	2200430	0.0459	GGTGTTTGCR
chrII	727320	727470	0.0459	GGTGTTTGCR
chrII	7864340	7864490	0.0459	GGTGTTTGCR
chrIII	1844020	1844170	0.0459	GGTGTTTGCR
chrIII	1866440	1866590	0.0459	GGTGTTTGCR
chrIII	2197160	2197310	0.0459	GGTGTTTGCR
chrIII	2377160	2377310	0.0459	GGTGTTTGCR
chrIII	2959040	2959190	0.0459	GGTGTTTGCR
chrIII	4150974	4151030	0.0459	GGTGTTTGCR
chrIV	1194860	1195010	0.0459	GGTGTTTGCR
chrIV	13231420	13231570	0.0459	GGTGTTTGCR
chrIV	4213280	4213430	0.0459	GGTGTTTGCR
chrIV	4588480	4588630	0.0459	GGTGTTTGCR
chrV	17900961	17901090	0.0459	GGTGTTTGCR
chrV	18339260	18339410	0.0459	GGTGTTTGCR
chrV	19333480	19333630	0.0459	GGTGTTTGCR
chrV	19334720	19334870	0.0459	GGTGTTTGCR
chrV	19886320	19886470	0.0459	GGTGTTTGCR
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chrV	19887700	19887850	0.0459	GGTGTTTGCR
chrV	19888740	19888890	0.0459	GGTGTTTGCR
chrV	19891600	19891750	0.0459	GGTGTTTGCR
chrV	19893200	19893350	0.0459	GGTGTTTGCR
chrV	19894200	19894350	0.0459	GGTGTTTGCR
chrV	19903960	19904110	0.0459	GGTGTTTGCR
chrV	19917100	19917250	0.0459	GGTGTTTGCR
chrV	19918540	19918690	0.0459	GGTGTTTGCR
chrX	167280	167430	0.0459	GGTGTTTGCR
chrX	180820	180970	0.0459	GGTGTTTGCR
chrX	181120	181270	0.0459	GGTGTTTGCR
chrX	2793740	2793890	0.0459	GGTGTTTGCR
chrX	6078614	6078710	0.0459	GGTGTTTGCR
chrI	10044840	10044990	0.0132	GTAAATCNACA
chrI	10774380	10774530	0.0348	GTAAATCNACA
chrI	10804216	10804330	0.00607	GTAAATCNACA
chrI	10805444	10805550	0.0132	GTAAATCNACA
chrI	10930280	10930430	0.00607	GTAAATCNACA
chrI	10934820	10934901	0.0132	GTAAATCNACA
chrI	11380660	11380810	0.0188	GTAAATCNACA
chrI	11577160	11577310	0.00607	GTAAATCNACA
chrI	11862360	11862510	0.00607	GTAAATCNACA

chrI	12003420	12003570	0.00607	GTAAATCNACA
chrI	12003940	12004045	0.00607	GTAAATCNACA
chrI	12048800	12048950	0.00607	GTAAATCNACA
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chrI	12903620	12903770	0.00607	GTAAATCNACA
chrI	13278120	13278170	0.00607	GTAAATCNACA
chrI	13296008	13296090	0.00607	GTAAATCNACA
chrI	13346220	13346370	0.00607	GTAAATCNACA
chrI	13363200	13363350	0.00607	GTAAATCNACA
chrI	1440000	1440150	0.00607	GTAAATCNACA
chrI	14518260	14518335	0.00607	GTAAATCNACA
chrI	14554680	14554830	0.00607	GTAAATCNACA
chrI	2145380	2145530	0.0132	GTAAATCNACA
chrI	2319000	2319070	0.00607	GTAAATCNACA
chrI	2536000	2536150	0.00607	GTAAATCNACA
chrI	2536000	2536150	0.00781	GTAAATCNACA
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chrI	2536000	2536150	0.0188	GTAAATCNACA
chrI	3066180	3066330	0.00607	GTAAATCNACA
chrI	367420	367570	0.00607	GTAAATCNACA
chrI	3808180	3808330	0.00607	GTAAATCNACA
chrI	4197900	4198050	0.00607	GTAAATCNACA
chrI	4530440	4530590	0.00607	GTAAATCNACA
chrI	4626340	4626465	0.00994	GTAAATCNACA
chrI	5261720	5261870	0.00607	GTAAATCNACA
chrI	5504080	5504230	0.00607	GTAAATCNACA
chrI	7021420	7021570	0.00607	GTAAATCNACA
chrI	7318900	7319050	0.00607	GTAAATCNACA
chrI	7345200	7345350	0.00607	GTAAATCNACA
chrI	9742060	9742210	0.00607	GTAAATCNACA
chrII	11586104	11586170	0.00607	GTAAATCNACA
chrII	11994220	11994370	0.00781	GTAAATCNACA
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chrII	11994660	11994810	0.00781	GTAAATCNACA
chrII	12190580	12190730	0.00781	GTAAATCNACA
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chrII	13417980	13418130	0.0132	GTAAATCNACA
chrII	13449760	13449910	0.00607	GTAAATCNACA
chrII	14069560	14069710	0.00607	GTAAATCNACA
chrII	14831040	14831190	0.00781	GTAAATCNACA
chrII	14831780	14831930	0.00781	GTAAATCNACA
chrII	15238880	15239030	0.00781	GTAAATCNACA
chrII	2513320	2513470	0.00781	GTAAATCNACA
chrII	2513980	2514047	0.00607	GTAAATCNACA
chrII	2513980	2514047	0.00781	GTAAATCNACA
chrII	3246940	3247090	0.00781	GTAAATCNACA
chrII	3246940	3247090	0.00994	GTAAATCNACA
chrII	3494800	3494950	0.00607	GTAAATCNACA
chrII	3969740	3969890	0.00607	GTAAATCNACA
chrII	4231640	4231770	0.00994	GTAAATCNACA
chrII	4241280	4241430	0.00607	GTAAATCNACA
chrII	4326989	4327090	0.00607	GTAAATCNACA
chrII	4327560	4327710	0.00607	GTAAATCNACA

chrII	4597340	4597490	0.00607	GTAAATCNACA
chrII	898751	898890	0.00781	GTAAATCNACA
chrII	898751	898890	0.00994	GTAAATCNACA
chrII	898900	899050	0.00781	GTAAATCNACA
chrII	9382360	9382510	0.00781	GTAAATCNACA
chrIII	11519600	11519750	0.00607	GTAAATCNACA
chrIII	11610340	11610490	0.00607	GTAAATCNACA
chrIII	11939980	11940130	0.00607	GTAAATCNACA
chrIII	11972780	11972930	0.00607	GTAAATCNACA
chrIII	12684900	12685050	0.00607	GTAAATCNACA
chrIII	12836760	12836910	0.00781	GTAAATCNACA
chrIII	12836760	12836910	0.00994	GTAAATCNACA
chrIII	12887040	12887190	0.00607	GTAAATCNACA
chrIII	2036277	2036410	0.00607	GTAAATCNACA
chrIII	2036277	2036410	0.00781	GTAAATCNACA
chrIII	2036277	2036410	0.00994	GTAAATCNACA
chrIII	2041440	2041590	0.00781	GTAAATCNACA
chrIII	2041440	2041590	0.00994	GTAAATCNACA
chrIII	2360040	2360190	0.00607	GTAAATCNACA
chrIII	2360040	2360190	0.0132	GTAAATCNACA
chrIII	2525320	2525411	0.00607	GTAAATCNACA
chrIII	2720060	2720210	0.00607	GTAAATCNACA
chrIII	2726895	2727010	0.00607	GTAAATCNACA
chrIII	2787580	2787730	0.00607	GTAAATCNACA
chrIII	2796820	2796970	0.00607	GTAAATCNACA
chrIII	2926540	2926690	0.00781	GTAAATCNACA
chrIII	3042934	3043030	0.00607	GTAAATCNACA
chrIII	3043320	3043470	0.00607	GTAAATCNACA
chrIII	3177600	3177687	0.0132	GTAAATCNACA
chrIII	3421520	3421670	0.00607	GTAAATCNACA
chrIII	3427780	3427855	0.00607	GTAAATCNACA
chrIII	3461780	3461890	0.00607	GTAAATCNACA
chrIII	3462720	3462870	0.00607	GTAAATCNACA
chrIII	3626060	3626210	0.00607	GTAAATCNACA
chrIII	3649036	3649150	0.00607	GTAAATCNACA
chrIII	3707676	3707770	0.00607	GTAAATCNACA
chrIII	3716360	3716510	0.00607	GTAAATCNACA
chrIII	4162760	4162855	0.0348	GTAAATCNACA
chrIII	4505120	4505270	0.0188	GTAAATCNACA
chrIII	857927	857990	0.00607	GTAAATCNACA
chrIII	999380	999530	0.00781	GTAAATCNACA
chrIV	1118400	1118550	0.00781	GTAAATCNACA
chrIV	12370000	12370150	0.00607	GTAAATCNACA
chrIV	12565060	12565147	0.00607	GTAAATCNACA
chrIV	12700660	12700810	0.00607	GTAAATCNACA
chrIV	13372900	13373050	0.00607	GTAAATCNACA
chrIV	13393060	13393210	0.00607	GTAAATCNACA
chrIV	14080540	14080690	0.00607	GTAAATCNACA
chrIV	1600960	1601110	0.00607	GTAAATCNACA
chrIV	16504237	16504370	0.00607	GTAAATCNACA
chrIV	1848620	1848770	0.00607	GTAAATCNACA
chrIV	1949980	1950130	0.00607	GTAAATCNACA
chrIV	1949980	1950130	0.00781	GTAAATCNACA
chrIV	1950740	1950890	0.00781	GTAAATCNACA

chrIV	1951800	1951950	0.00781	GTAAATCNACA
chrIV	1952360	1952387	0.00994	GTAAATCNACA
chrIV	2156302	2156450	0.00781	GTAAATCNACA
chrIV	2156302	2156450	0.00994	GTAAATCNACA
chrIV	2156820	2156970	0.00781	GTAAATCNACA
chrIV	2156820	2156970	0.00994	GTAAATCNACA
chrIV	245420	245570	0.00607	GTAAATCNACA
chrIV	2462860	2463010	0.00781	GTAAATCNACA
chrIV	2462860	2463010	0.0132	GTAAATCNACA
chrIV	2746280	2746329	0.00781	GTAAATCNACA
chrIV	2746280	2746329	0.00994	GTAAATCNACA
chrIV	2746880	2747030	0.00781	GTAAATCNACA
chrIV	2746880	2747030	0.00994	GTAAATCNACA
chrIV	2795000	2795150	0.00781	GTAAATCNACA
chrIV	2795000	2795150	0.00994	GTAAATCNACA
chrIV	2888160	2888310	0.0348	GTAAATCNACA
chrIV	2889880	2890030	0.0132	GTAAATCNACA
chrIV	2923360	2923510	0.00607	GTAAATCNACA
chrIV	2923760	2923910	0.00607	GTAAATCNACA
chrIV	3129940	3130090	0.0188	GTAAATCNACA
chrIV	3217960	3218110	0.00607	GTAAATCNACA
chrIV	4042650	4042704	0.0188	GTAAATCNACA
chrIV	4539340	4539490	0.00607	GTAAATCNACA
chrIV	4551237	4551330	0.00607	GTAAATCNACA
chrIV	4551660	4551810	0.00607	GTAAATCNACA
chrIV	581540	581642	0.00607	GTAAATCNACA
chrIV	628860	629010	0.00781	GTAAATCNACA
chrIV	878640	878790	0.00781	GTAAATCNACA
chrIV	878640	878790	0.00994	GTAAATCNACA
chrIV	879140	879290	0.00607	GTAAATCNACA
chrIV	879140	879290	0.00781	GTAAATCNACA
chrIV	879140	879290	0.00994	GTAAATCNACA
chrIV	967360	967510	0.00607	GTAAATCNACA
chrIV	967360	967510	0.00781	GTAAATCNACA
chrV	1214076	1214170	0.00607	GTAAATCNACA
chrV	14798480	14798630	0.00607	GTAAATCNACA
chrV	14997400	14997550	0.00607	GTAAATCNACA
chrV	15062520	15062670	0.00607	GTAAATCNACA
chrV	15765140	15765264	0.00607	GTAAATCNACA
chrV	16360820	16360970	0.00607	GTAAATCNACA
chrV	16541657	16541730	0.00607	GTAAATCNACA
chrV	16542720	16542870	0.00607	GTAAATCNACA
chrV	16563060	16563210	0.00607	GTAAATCNACA
chrV	16790560	16790710	0.00607	GTAAATCNACA
chrV	18617660	18617810	0.00781	GTAAATCNACA
chrV	18617660	18617810	0.00994	GTAAATCNACA
chrV	20739280	20739430	0.0348	GTAAATCNACA
chrV	24640	24788	0.00607	GTAAATCNACA
chrV	2724840	2724990	0.00607	GTAAATCNACA
chrV	372860	372992	0.00781	GTAAATCNACA
chrV	5436200	5436350	0.00607	GTAAATCNACA
chrV	9579520	9579670	0.00607	GTAAATCNACA
chrV	982760	982910	0.00607	GTAAATCNACA
chrI	1038260	1038410	0.023	TGCGCCTTTAA

chrI	12903620	12903770	0.023	TGCGCCTTTAA
chrI	13337780	13337853	0.023	TGCGCCTTTAA
chrI	13965540	13965690	0.023	TGCGCCTTTAA
chrI	2723520	2723670	0.023	TGCGCCTTTAA
chrI	2905760	2905910	0.023	TGCGCCTTTAA
chrI	355481	355538	0.023	TGCGCCTTTAA
chrI	6519580	6519730	0.023	TGCGCCTTTAA
chrI	9937480	9937630	0.023	TGCGCCTTTAA
chrII	11591640	11591790	0.023	TGCGCCTTTAA
chrII	8970340	8970490	0.023	TGCGCCTTTAA
chrIII	10404269	10404390	0.023	TGCGCCTTTAA
chrIII	10594540	10594690	0.023	TGCGCCTTTAA
chrIII	10872019	10872070	0.023	TGCGCCTTTAA
chrIII	11922200	11922350	0.023	TGCGCCTTTAA
chrIII	12366944	12367070	0.023	TGCGCCTTTAA
chrIII	1758480	1758630	0.023	TGCGCCTTTAA
chrIII	1864131	1864190	0.023	TGCGCCTTTAA
chrIII	5726320	5726470	0.023	TGCGCCTTTAA
chrIII	6471920	6472070	0.023	TGCGCCTTTAA
chrIV	12294820	12294970	0.023	TGCGCCTTTAA
chrIV	13512240	13512390	0.023	TGCGCCTTTAA
chrIV	1600960	1601110	0.023	TGCGCCTTTAA
chrV	14832720	14832870	0.023	TGCGCCTTTAA
chrV	14832880	14833030	0.023	TGCGCCTTTAA
chrV	16373941	16374010	0.023	TGCGCCTTTAA