

chr3	1.6E+08	1.6E+08	0.223289	0.669868	127836	89646	89648	3	3	0.001549	1	0.006063	1
chr16	87682036	87682142	-0.28835	0.576693	73782	339941	339942	2	6	0.00155	1	0.009744	1
chr11	325915	325964	-0.2875	0.574997	28507	239076	239077	2	9	0.001567	1	0.009831	1
chr1	92012408	92012736	-0.18055	0.722185	9473	21348	21351	4	8	0.001568	1	0.004734	1
chr1	2.02E+08	2.02E+08	-0.18023	0.720925	15139	33848	33851	4	5	0.001575	1	0.004762	1
chr16	4506231	4506231	-0.70728	0.707282	67988	327494	327494	1	1	0.001595	1	0.005073	1
chr13	79234251	79234435	0.221279	0.663837	51785	291682	291684	3	5	0.001602	1	0.006244	1
chr11	93063662	93063684	-0.28522	0.570434	36339	257895	257896	2	13	0.001617	1	0.010071	1
chr7	1.59E+08	1.59E+08	0.178669	0.714677	171526	190383	190386	4	4	0.001621	1	0.004901	1
chr8	6913030	6913030	-0.70489	0.704886	172409	192386	192386	1	2	0.001624	1	0.005129	1
chr1	22191453	22191453	-0.70459	0.704586	4117	9407	9407	1	6	0.001627	1	0.005136	1
chr20	17680544	17680544	-0.70431	0.704314	111387	396359	396359	1	1	0.00163	1	0.005143	1
chr1	3659656	3659656	-0.70417	0.704166	1348	3774	3774	1	2	0.001633	1	0.005147	1
chr1	2.37E+08	2.37E+08	-0.13067	0.653337	17998	39686	39690	5	12	0.001645	1	0.006582	1
chr19	646890	646890	0.702723	0.702723	87008	372424	372424	1	7	0.001651	1	0.005184	1
chr9	34370835	34371380	-0.21934	0.658035	181219	209959	209961	3	5	0.001657	1	0.006427	1
chr5	36273196	36273196	0.702107	0.702107	140730	116589	116589	1	1	0.001659	1	0.0052	1
chr1	1.59E+08	1.59E+08	0.282895	0.565789	12748	29015	29016	2	2	0.001667	1	0.010317	1
chr11	1463541	1463662	-0.17708	0.708327	28956	240452	240455	4	8	0.001667	1	0.005047	1
chr7	63360775	63361361	-0.12877	0.643844	164784	175622	175626	5	7	0.001669	1	0.006905	1
chr1	1374310	1374601	-0.28247	0.564949	350	1044	1045	2	2	0.001677	1	0.010366	1
chr17	6904263	6904263	0.700544	0.700544	75903	345199	345199	1	1	0.001678	1	0.005238	1
chr2	1.98E+08	1.98E+08	-0.21863	0.655889	106823	63821	63823	3	15	0.001679	1	0.006496	1
chr6	1.58E+08	1.58E+08	0.126966	0.634832	158476	161136	161140	5	6	0.00169	1	0.007222	1
chr7	1.59E+08	1.59E+08	-0.28157	0.563136	171550	190452	190453	2	2	0.001698	1	0.010469	1
chr2	2.37E+08	2.37E+08	-0.28092	0.561846	109427	69101	69102	2	10	0.001714	1	0.010542	1
chr6	30882694	30883074	-0.1235	0.617493	151688	142445	142449	5	58	0.001725	1	0.007882	1
chr17	724273	724374	-0.27972	0.559443	74921	342737	342738	2	2	0.001744	1	0.010684	1
chr18	77905408	77905751	-0.12103	0.605163	86839	372047	372051	5	10	0.001745	1	0.008397	1
chr17	43065745	43065876	-0.21646	0.649369	79874	354934	354936	3	3	0.001745	1	0.006717	1
chr8	689908	690059	-0.21626	0.648791	171734	190868	190870	3	3	0.001752	1	0.006736	1
chr20	50418554	50419193	-0.11709	0.585441	113104	400870	400874	5	9	0.001765	1	0.009308	1
chr7	32109831	32110145	-0.21475	0.644239	163002	172234	172236	3	14	0.001798	1	0.006892	1
chr11	27224020	27224020	-0.68975	0.689754	31127	245688	245688	1	1	0.001815	1	0.005511	1
chr2	3675155	3675155	-0.68944	0.689435	96183	42571	42571	1	2	0.001819	1	0.00552	1
chr11	1.02E+08	1.02E+08	-0.68801	0.688013	36710	258588	258588	1	1	0.001837	1	0.005557	1
chr11	1.34E+08	1.34E+08	0.275745	0.55149	39213	263814	263815	2	3	0.001841	1	0.011153	1
chr17	79108139	79108139	-0.68756	0.687557	83887	364607	364607	1	6	0.001844	1	0.005571	1
chr10	1.17E+08	1.17E+08	0.686245	0.686245	26334	233457	233457	1	2	0.001861	1	0.005605	1
chr5	308268	308268	-0.68537	0.685371	138723	112246	112246	1	11	0.001875	1	0.005629	1
chr20	46415320	46415320	0.684818	0.684818	112888	400355	400355	1	13	0.001883	1	0.005645	1
chr10	1E+08	1E+08	-0.68458	0.684583	25108	230514	230514	1	2	0.001886	1	0.005652	1
chr8	1905131	1905131	-0.68348	0.683479	172158	191896	191896	1	3	0.001901	1	0.00568	1
chr21	15645988	15646187	-0.27314	0.546287	114297	403674	403675	2	6	0.001912	1	0.01148	1
chr5	4230769	4230872	-0.2104	0.631187	139540	114479	114481	3	6	0.001941	1	0.007356	1
chr3	1.1E+08	1.1E+08	-0.68071	0.680713	124755	83361	83361	1	1	0.001941	1	0.005759	1
chr6	32525960	32525979	-0.27133	0.542655	152144	146409	146410	2	6	0.001961	1	0.011713	1
chr14	24475906	24476082	0.271155	0.542309	54389	297702	297703	2	4	0.001966	1	0.011736	1
chr16	14380714	14380714	-0.67875	0.67875	68657	328814	328814	1	1	0.00197	1	0.005812	1
chr2	1.32E+08	1.32E+08	-0.27039	0.54079	104008	58375	58376	2	4	0.001989	1	0.011835	1
chr4	1.2E+08	1.2E+08	-0.67692	0.676917	135776	106413	106413	1	1	0.001996	1	0.005861	1
chr17	171187	171434	-0.16636	0.66542	74802	342460	342463	4	5	0.002015	1	0.006196	1
chr11	1858572	1858572	0.675611	0.675611	29081	240781	240781	1	6	0.002016	1	0.005897	1
chr21	38362420	38362727	0.208264	0.624793	114825	404958	404960	3	6	0.002017	1	0.007597	1
chr11	65363274	65363274	-0.67548	0.675476	33904	252200	252200	1	7	0.002018	1	0.0059	1
chr7	32526065	32526065	0.674399	0.674399	163018	172275	172275	1	1	0.002033	1	0.00593	1
chr20	37064059	37064062	0.268659	0.537318	112367	398964	398965	2	11	0.002037	1	0.012058	1
chr6	1.28E+08	1.28E+08	-0.16571	0.662826	156763	157897	157900	4	7	0.002038	1	0.006275	1
chr13	1.13E+08	1.13E+08	0.207206	0.621618	53281	294869	294871	3	3	0.002053	1	0.007718	1
chr10	1.01E+08	1.01E+08	0.165129	0.660517	25158	230642	230645	4	9	0.002058	1	0.006347	1
chr19	39056084	39056216	-0.20705	0.621141	92070	385399	385401	3	6	0.002058	1	0.007735	1
chr7	94953653	94953810	-0.16511	0.66043	166454	179127	179130	4	11	0.002059	1	0.006349	1
chr14	1.07E+08	1.07E+08	-0.26788	0.53575	59930	309685	309686	2	2	0.00206	1	0.012162	1
chr2	2.37E+08	2.37E+08	-0.67149	0.671488	109504	69312	69312	1	21	0.002077	1	0.006015	1
chr2	71787431	71787615	0.26728	0.53456	100523	51202	51203	2	6	0.002079	1	0.012244	1
chr21	43528734	43528868	0.266715	0.533431	115112	405566	405567	2	2	0.002097	1	0.012321	1
chr17	21281318	21281507	-0.26626	0.532522	77526	349090	349091	2	16	0.002111	1	0.012382	1
chr11	60049097	60049097	0.668999	0.668999	32930	249495	249495	1	3	0.002115	1	0.006091	1
chr1	1.81E+08	1.81E+08	0.163579	0.654317	14169	32016	32019	4	6	0.002117	1	0.00655	1
chr22	24388327	24388327	-0.66795	0.667955	116689	408920	408920	1	1	0.00213	1	0.00612	1
chr17	40169518	40169520	0.265664	0.531328	79346	353405	353406	2	15	0.00213	1	0.012465	1
chr20	25281332	25281332	0.667465	0.667465	111688	397188	397188	1	1	0.002136	1	0.006134	1
chr1	2.35E+08	2.35E+08	-0.66703	0.667035	17885	39423	39423	1	9	0.002144	1	0.006148	1
chr4	1.2E+08	1.2E+08	-0.66625	0.666252	135750	106378	106378	1	2	0.002156	1	0.006171	1

chr19	56002240	56002446	-0.17784	0.533511	95111	393061	393063	3	3	0.003575	1	0.012316	1
chr6	31583915	31584223	-0.12793	0.511718	151840	143342	143345	4	6	0.003597	1	0.013918	1
chr7	12443880	12443886	-0.23133	0.462654	161845	169560	169561	2	11	0.003635	1	0.01853	1
chr15	57668539	57668812	0.126792	0.507166	62441	315073	315076	4	9	0.003635	1	0.014282	1
chr7	57071676	57071676	0.59365	0.59365	164654	175403	175403	1	1	0.003638	1	0.008917	1
chr6	32632000	32632036	0.231214	0.462429	152161	146439	146440	2	10	0.003642	1	0.018555	1
chr3	1.28E+08	1.28E+08	-0.59307	0.593068	126096	85990	85990	1	1	0.003654	1	0.008944	1
chr16	1022650	1022650	0.59306	0.59306	66822	324393	324393	1	2	0.003654	1	0.008945	1
chr6	8435883	8435919	0.176625	0.529875	149630	135221	135223	3	14	0.003662	1	0.012564	1
chr12	34371784	34372490	-0.12595	0.503817	41737	269164	269167	4	4	0.003663	1	0.014554	1
chr17	48858534	48858873	0.1252	0.500799	80798	357260	357263	4	4	0.003687	1	0.014815	1
chr4	1.86E+08	1.86E+08	0.590999	0.590999	138232	111232	111232	1	1	0.003707	1	0.00904	1
chr13	46291973	46291973	0.590988	0.590988	50719	289588	289588	1	1	0.003707	1	0.009041	1
chr15	26874098	26874788	0.124555	0.498219	60382	310686	310689	4	6	0.003708	1	0.015032	1
chr5	1.41E+08	1.41E+08	-0.12444	0.497774	145540	126547	126550	4	12	0.003711	1	0.015072	1
chr16	49518414	49518536	0.230018	0.460037	70591	333011	333012	2	3	0.003712	1	0.018817	1
chr3	1.39E+08	1.39E+08	-0.12425	0.497016	126828	87568	87571	4	8	0.003717	1	0.015141	1
chr6	34499314	34499504	-0.12425	0.497011	152546	149222	149225	4	6	0.003717	1	0.015141	1
chr19	46807119	46807466	-0.17587	0.527618	93343	388599	388601	3	6	0.003718	1	0.012722	1
chr6	1.1E+08	1.1E+08	-0.17586	0.527575	156001	156387	156389	3	3	0.003719	1	0.012725	1
chr12	1.33E+08	1.33E+08	0.229538	0.459075	48659	285072	285073	2	2	0.003744	1	0.018928	1
chr16	423420	423420	0.589173	0.589173	66523	323487	323487	1	3	0.003755	1	0.009127	1
chr13	1.14E+08	1.14E+08	-0.12259	0.490351	53389	295190	295193	4	6	0.003765	1	0.015733	1
chr10	45406644	45406847	-0.12248	0.489933	21728	223799	223802	4	6	0.003767	1	0.015769	1
chr1	2.47E+08	2.47E+08	0.588773	0.588773	18554	40736	40736	1	1	0.003767	1	0.009147	1
chr6	1.69E+08	1.69E+08	0.229155	0.458309	159454	163263	163264	2	4	0.003769	1	0.019015	1
chr10	37106999	37106999	0.588517	0.588517	21396	223067	223067	1	3	0.003774	1	0.009159	1
chr22	50753068	50753068	-0.58751	0.587506	118997	414343	414343	1	1	0.0038	1	0.009206	1
chr8	96085385	96085689	0.228386	0.456772	177141	201823	201824	2	5	0.003815	1	0.01919	1
chr7	1.58E+08	1.58E+08	-0.58662	0.586618	171469	190265	190265	1	3	0.003825	1	0.009251	1
chr19	3480508	3480672	0.119784	0.479135	88021	374846	374849	4	5	0.003833	1	0.016805	1
chr16	32290281	32290371	-0.22795	0.455897	70261	332384	332385	2	2	0.003844	1	0.019295	1
chr17	39597601	39597601	-0.58585	0.585853	79222	353092	353092	1	5	0.003845	1	0.009288	1
chr6	1.61E+08	1.61E+08	-0.11922	0.476868	158792	161801	161804	4	5	0.003846	1	0.017035	1
chr4	1.85E+08	1.85E+08	0.22779	0.455579	138109	110980	110981	2	2	0.003854	1	0.019333	1
chr21	27372387	27372461	0.118782	0.475127	114382	403877	403880	4	4	0.003854	1	0.01721	1
chr3	1.28E+08	1.28E+08	0.227752	0.455505	126066	85916	85917	2	2	0.003856	1	0.01934	1
chr4	2401542	2401542	-0.58443	0.584427	130804	96164	96164	1	5	0.003885	1	0.009355	1
chr20	10412596	10412596	0.584134	0.584134	111270	396029	396029	1	3	0.003892	1	0.009369	1
chr21	39644332	39644354	0.227168	0.454335	114886	405108	405109	2	6	0.003894	1	0.019474	1
chr19	52134289	52134296	0.226964	0.453929	94436	391319	391320	2	2	0.003908	1	0.019522	1
chr7	1.41E+08	1.41E+08	0.583417	0.583417	169623	185839	185839	1	1	0.003912	1	0.009403	1
chr7	6653510	6653510	0.583092	0.583092	161622	169123	169123	1	1	0.003921	1	0.009419	1
chr18	72837531	72837700	0.11395	0.4558	86290	371013	371016	4	6	0.003929	1	0.019307	1
chr8	37699239	37699923	0.112721	0.450883	174585	196596	196599	4	7	0.003942	1	0.01988	1
chr6	1.58E+08	1.58E+08	-0.58194	0.581945	158468	161123	161123	1	1	0.003951	1	0.009476	1
chr2	1.36E+08	1.36E+08	-0.58172	0.581718	104251	58781	58781	1	1	0.003957	1	0.009487	1
chr9	1.37E+08	1.37E+08	-0.58096	0.580961	185014	215876	215876	1	1	0.003977	1	0.009525	1
chr10	4868690	4868892	-0.22571	0.451421	19470	219237	219238	2	13	0.003991	1	0.019816	1
chr5	1.12E+08	1.12E+08	-0.58034	0.580344	143775	122642	122642	1	1	0.003994	1	0.009556	1
chr7	1.08E+08	1.08E+08	-0.58029	0.580288	167728	182204	182204	1	1	0.003996	1	0.009559	1
chr17	76141068	76141068	0.579588	0.579588	83128	362559	362559	1	3	0.004016	1	0.009596	1
chr8	47529015	47529280	-0.22506	0.450125	175096	197729	197730	2	3	0.004032	1	0.019973	1
chr9	1.31E+08	1.31E+08	-0.17181	0.51544	184188	214586	214588	3	3	0.004035	1	0.013629	1
chr17	406249	406501	0.171766	0.515299	74851	342565	342567	3	3	0.004039	1	0.01364	1
chr8	599963	600233	-0.17168	0.515043	171687	190749	190751	3	8	0.004045	1	0.013659	1
chr1	43425156	43425412	0.171678	0.515034	6693	15414	15416	3	15	0.004045	1	0.013659	1
chr15	25123287	25123731	-0.17113	0.513404	60165	310147	310149	3	4	0.004087	1	0.013787	1
chr10	855060	855060	-0.57705	0.577051	18988	218170	218170	1	1	0.004089	1	0.009726	1
chr3	1.95E+08	1.95E+08	-0.57679	0.576786	129705	93303	93303	1	1	0.004097	1	0.009738	1
chr17	78851149	78851262	0.1709	0.5127	83769	364223	364225	3	4	0.004107	1	0.013841	1
chr8	1.46E+08	1.46E+08	0.170675	0.512025	180379	208422	208424	3	8	0.004125	1	0.013893	1
chr17	8792092	8792092	-0.57557	0.575571	76352	346642	346642	1	4	0.004132	1	0.0098	1
chr1	18902165	18902165	-0.57549	0.575491	3655	8433	8433	1	1	0.004134	1	0.009804	1
chr1	18767776	18767776	-0.5749	0.574898	3646	8412	8412	1	1	0.004152	1	0.009837	1
chr11	4389638	4389638	0.57413	0.57413	29567	242492	242492	1	7	0.004174	1	0.009876	1
chr1	29102029	29102153	-0.16998	0.509948	5128	11860	11862	3	6	0.004181	1	0.014058	1
chr12	1.33E+08	1.33E+08	0.169457	0.508372	48680	285134	285136	3	5	0.004224	1	0.014183	1
chr5	1.35E+08	1.35E+08	0.571737	0.571737	144982	125129	125129	1	1	0.004244	1	0.01	1
chr9	1.25E+08	1.25E+08	-0.16906	0.507193	183645	213743	213745	3	3	0.004257	1	0.01428	1
chr14	1.02E+08	1.02E+08	0.169057	0.50717	58885	307237	307239	3	3	0.004257	1	0.014281	1
chr10	1.35E+08	1.35E+08	0.571193	0.571193	28113	237856	237856	1	7	0.004258	1	0.010028	1
chr11	65631880	65631880	0.570915	0.570915	33978	252425	252425	1	1	0.004267	1	0.010043	1
chr13	26590097	26590097	0.570083	0.570083	49502	287076	287076	1	1	0.004292	1	0.01009	1

chr13	24788196	24788196	0.569342	0.569342	49369	286784	286784	1	1	0.004315	1	0.010131	1
chr2	1.1E+08	1.1E+08	-0.16823	0.504688	102580	55584	55586	3	17	0.004327	1	0.014482	1
chr1	1562535	1562535	0.567976	0.567976	432	1258	1258	1	6	0.004355	1	0.010201	1
chr13	1.11E+08	1.11E+08	0.567342	0.567342	52843	293755	293755	1	1	0.004375	1	0.010237	1
chr16	594329	594329	-0.56726	0.567255	66584	323646	323646	1	1	0.004378	1	0.010241	1
chr11	93063208	93063302	0.219984	0.439967	36339	257892	257893	2	13	0.004401	1	0.021254	1
chr2	1.37E+08	1.37E+08	-0.56582	0.565825	104280	58855	58855	1	1	0.00442	1	0.010315	1
chr8	1365049	1365175	0.219638	0.439277	171977	191419	191420	2	6	0.004428	1	0.021343	1
chr8	685830	686594	-0.16694	0.500833	171731	190856	190858	3	6	0.004443	1	0.014812	1
chr22	46762943	46763229	-0.21928	0.438557	118548	413458	413459	2	2	0.004457	1	0.021439	1
chr11	1457153	1457346	-0.21883	0.437658	28952	240444	240445	2	4	0.004494	1	0.021559	1
chr13	1.01E+08	1.01E+08	0.562986	0.562986	52382	292834	292834	1	3	0.004512	1	0.010478	1
chr2	64839958	64839958	-0.56201	0.562007	99936	49981	49981	1	1	0.004544	1	0.010533	1
chr2	2.25E+08	2.25E+08	-0.56158	0.561578	108589	67437	67437	1	1	0.004558	1	0.010559	1
chr7	1.38E+08	1.38E+08	-0.16563	0.496899	169357	185306	185308	3	7	0.004561	1	0.01515	1
chr13	27295928	27296010	-0.1651	0.495313	49546	287172	287174	3	3	0.004611	1	0.015286	1
chr17	1133546	1133706	-0.16491	0.494723	75049	343042	343044	3	3	0.004629	1	0.015337	1
chr22	50483499	50483545	-0.21692	0.433844	118903	414100	414101	2	5	0.004655	1	0.022076	1
chr6	24910720	24911001	-0.21676	0.433511	150676	137123	137124	2	13	0.004669	1	0.022119	1
chr6	35765093	35765176	0.216726	0.433453	152719	149577	149578	2	4	0.004671	1	0.022127	1
chr6	46871130	46871130	0.558216	0.558216	153916	152085	152085	1	2	0.004672	1	0.010757	1
chr19	21265264	21265421	-0.16433	0.492997	91053	382751	382753	3	5	0.004684	1	0.015489	1
chr7	1.48E+08	1.48E+08	-0.55768	0.557683	169935	186435	186435	1	1	0.00469	1	0.010788	1
chr10	81680307	81680307	0.557667	0.557667	23926	228006	228006	1	4	0.00469	1	0.010789	1
chr21	31709690	31709690	-0.55712	0.557121	114465	404063	404063	1	3	0.00471	1	0.010823	1
chr21	44105265	44105474	0.216255	0.432511	115193	405723	405724	2	3	0.00471	1	0.022253	1
chr15	23378564	23378571	-0.21624	0.43248	60105	310011	310012	2	4	0.004712	1	0.022258	1
chr11	44881786	44881786	0.557002	0.557002	31926	247431	247431	1	5	0.004714	1	0.010829	1
chr1	9341141	9341141	0.55659	0.55659	2261	5673	5673	1	1	0.004727	1	0.010853	1
chr7	73442480	73442531	-0.16374	0.49123	165417	176919	176921	3	5	0.00474	1	0.01565	1
chr19	8464538	8464538	-0.55605	0.556049	89052	377354	377354	1	3	0.004746	1	0.010884	1
chr1	39281613	39282003	0.163659	0.490978	6207	14285	14287	3	4	0.004748	1	0.015672	1
chr17	44847220	44847427	0.163535	0.490604	80093	355417	355419	3	3	0.004761	1	0.015709	1
chr5	1.4E+08	1.4E+08	-0.55512	0.555119	145437	126185	126185	1	10	0.004778	1	0.01094	1
chr1	28826586	28826586	0.553644	0.553644	5083	11723	11723	1	1	0.004828	1	0.011026	1
chr10	1.32E+08	1.32E+08	0.214776	0.429552	27587	236224	236225	2	5	0.004835	1	0.022669	1
chr8	641466	641497	0.162643	0.487928	171709	190791	190793	3	3	0.004849	1	0.015956	1
chr7	1.49E+08	1.49E+08	-0.55303	0.553035	170039	186659	186659	1	1	0.004849	1	0.011062	1
chr8	1327546	1327546	-0.55299	0.552988	171961	191383	191383	1	6	0.004851	1	0.011065	1
chr6	21916568	21916568	0.550835	0.550835	150533	136872	136872	1	1	0.004923	1	0.011191	1
chr16	77469710	77469710	-0.54997	0.549966	72624	337544	337544	1	12	0.004955	1	0.011249	1
chr19	725168	725168	-0.54961	0.549614	87043	372510	372510	1	1	0.004968	1	0.011271	1
chr6	37618009	37618123	-0.21324	0.426481	152959	150054	150055	2	3	0.004973	1	0.023113	1
chr2	2.32E+08	2.32E+08	-0.2132	0.426406	108949	68118	68119	2	10	0.004976	1	0.023123	1
chr8	1847999	1848143	-0.16131	0.483931	172135	191824	191826	3	4	0.004983	1	0.016342	1
chr14	37445440	37445440	0.548443	0.548443	54890	298978	298978	1	1	0.005011	1	0.011343	1
chr1	39249425	39249604	0.160794	0.482382	6203	14271	14273	3	5	0.005036	1	0.016491	1
chr19	10679729	10679729	0.547671	0.547671	89370	378214	378214	1	10	0.005038	1	0.01139	1
chr3	1.34E+08	1.34E+08	0.54718	0.54718	126583	87007	87007	1	15	0.005056	1	0.011421	1
chr3	1.84E+08	1.84E+08	-0.54669	0.546688	128943	91857	91857	1	2	0.005075	1	0.011454	1
chr6	30850581	30850581	-0.54647	0.546465	151675	142294	142294	1	49	0.005083	1	0.011469	1
chr7	1.03E+08	1.03E+08	0.546425	0.546425	167444	181680	181680	1	1	0.005085	1	0.011472	1
chr12	1.33E+08	1.33E+08	-0.21175	0.423496	48560	284746	284747	2	2	0.005112	1	0.023551	1
chr14	62035431	62035585	0.15994	0.47982	55996	301290	301292	3	3	0.005124	1	0.016739	1
chr3	1.19E+08	1.19E+08	-0.54492	0.544917	125260	84271	84271	1	1	0.005141	1	0.011157	1
chr2	1.05E+08	1.05E+08	0.159438	0.478314	102302	54995	54997	3	3	0.005176	1	0.016888	1
chr7	15651770	15651770	0.543822	0.543822	161911	169697	169697	1	1	0.005181	1	0.011636	1
chr8	674434	674560	-0.15842	0.475258	171726	190836	190838	3	6	0.005285	1	0.017198	1
chr17	154499	155045	-0.15809	0.474267	74797	342451	342453	3	5	0.00532	1	0.017301	1
chr16	80231787	80231787	0.540169	0.540169	72743	337731	337731	1	1	0.00532	1	0.011877	1
chr12	1.33E+08	1.33E+08	0.209588	0.419176	48706	285228	285229	2	5	0.005321	1	0.024212	1
chr5	1.41E+08	1.41E+08	-0.15796	0.473868	145656	127030	127032	3	9	0.005333	1	0.017343	1
chr16	12058616	12058616	-0.53972	0.53972	68542	328614	328614	1	1	0.005338	1	0.011906	1
chr11	1.23E+08	1.23E+08	-0.53941	0.53941	38294	262015	262015	1	1	0.00535	1	0.011926	1
chr17	63926873	63926873	0.539171	0.539171	81864	359612	359612	1	1	0.00536	1	0.011942	1
chr1	1.1E+08	1.1E+08	0.538608	0.538608	10102	22729	22729	1	1	0.005379	1	0.011975	1
chr10	54632322	54632322	0.538065	0.538065	22278	224870	224870	1	1	0.005398	1	0.012009	1
chr10	81904244	81904331	-0.20873	0.417455	23946	228055	228056	2	3	0.005405	1	0.024478	1
chr5	1.69E+08	1.69E+08	-0.53754	0.537538	147262	130104	130104	1	2	0.005419	1	0.012043	1
chr2	2.07E+08	2.07E+08	0.537073	0.537073	107352	64872	64872	1	1	0.005437	1	0.012075	1
chr11	1.03E+08	1.03E+08	-0.53675	0.536751	36751	258661	258661	1	3	0.00545	1	0.012096	1
chr12	1.31E+08	1.31E+08	0.208225	0.416451	48189	283849	283850	2	3	0.005457	1	0.024636	1
chr7	1.4E+08	1.4E+08	-0.53651	0.53651	169591	185754	185754	1	1	0.00546	1	0.012112	1
chr12	1.23E+08	1.23E+08	0.208191	0.416381	47349	281990	281991	2	2	0.00546	1	0.024646	1

chr6	32485396	32485396	0.536255	0.536255	152132	146380	146380	1	1	0.005469	1	0.012128	1
chr1	2E+08	2E+08	-0.20791	0.415818	14839	33216	33217	2	15	0.005485	1	0.024737	1
chr6	6606065	6606132	-0.2079	0.4158	149445	134870	134871	2	3	0.005486	1	0.024739	1
chr13	1.14E+08	1.14E+08	0.207678	0.415356	53408	295232	295233	2	2	0.00551	1	0.024808	1
chr12	66579675	66579675	0.535137	0.535137	44093	274957	274957	1	1	0.005512	1	0.012204	1
chr8	43147211	43147397	0.207632	0.415263	175052	197629	197630	2	9	0.005515	1	0.024822	1
chr9	35646325	35646566	0.20751	0.41502	181344	210196	210197	2	4	0.005526	1	0.024861	1
chr6	33422476	33422521	0.156163	0.46849	152355	148750	148752	3	54	0.005527	1	0.017901	1
chr6	32498493	32498493	0.534147	0.534147	152139	146400	146400	1	1	0.005553	1	0.012273	1
chr1	43770523	43770707	0.15573	0.46719	6737	15505	15507	3	5	0.005574	1	0.01804	1
chr16	412168	412393	0.206443	0.412885	66518	323470	323471	2	3	0.005636	1	0.025197	1
chr7	1.5E+08	1.5E+08	-0.53194	0.531941	170171	186931	186931	1	1	0.005639	1	0.012424	1
chr11	14431708	14431708	-0.53193	0.531929	30507	244304	244304	1	1	0.005639	1	0.012425	1
chr7	1.58E+08	1.58E+08	-0.15511	0.465322	171442	190195	190197	3	3	0.005642	1	0.018242	1
chr22	49812267	49812410	-0.20579	0.411573	118776	413859	413860	2	2	0.005702	1	0.025406	1
chr11	45868449	45868501	0.154516	0.463549	32059	247738	247740	3	15	0.005708	1	0.018432	1
chr6	33033176	33033312	0.205324	0.410648	152238	147158	147159	2	3	0.005751	1	0.025557	1
chr22	19162276	19162276	-0.52905	0.529051	116150	407682	407682	1	1	0.005756	1	0.012623	1
chr16	15858790	15858790	0.528405	0.528405	68781	329060	329060	1	1	0.005781	1	0.012667	1
chr6	16962712	16962712	-0.52824	0.528239	150279	136406	136406	1	1	0.005788	1	0.012678	1
chr2	2.1E+08	2.1E+08	0.204776	0.409552	107564	65318	65319	2	3	0.005812	1	0.025735	1
chr6	41376604	41376993	0.15347	0.46041	153237	150593	150595	3	6	0.005824	1	0.018776	1
chr4	6728936	6729110	-0.20458	0.409166	131462	97741	97742	2	3	0.005834	1	0.025799	1
chr11	85378422	85378422	-0.52714	0.527135	36038	257353	257353	1	1	0.005835	1	0.012757	1
chr14	80858152	80858152	0.526906	0.526906	57418	304166	304166	1	1	0.005845	1	0.012774	1
chr19	3910932	3910932	-0.52682	0.526816	88179	375212	375212	1	1	0.005848	1	0.012781	1
chr1	2.05E+08	2.05E+08	0.526728	0.526728	15463	34521	34521	1	1	0.005852	1	0.012788	1
chr10	1.35E+08	1.35E+08	0.204334	0.408668	28201	238151	238152	2	7	0.005863	1	0.02588	1
chr17	61602292	61602292	-0.52539	0.525386	81619	359038	359038	1	1	0.005912	1	0.012888	1
chr4	23729861	23729861	-0.52517	0.525166	132382	99605	99605	1	1	0.005922	1	0.012905	1
chr13	1.14E+08	1.14E+08	-0.52282	0.522818	53615	295847	295847	1	8	0.006019	1	0.013075	1
chr4	1366463	1366463	0.522778	0.522778	130526	95443	95443	1	6	0.006021	1	0.013078	1
chr5	1809712	1809712	-0.52262	0.522623	139261	113738	113738	1	5	0.006027	1	0.013088	1
chr6	1.39E+08	1.39E+08	0.151762	0.455286	157419	159129	159131	3	3	0.006027	1	0.019366	1
chr8	1.27E+08	1.27E+08	0.522617	0.522617	178607	204593	204593	1	1	0.006027	1	0.013089	1
chr19	35720295	35720295	-0.52253	0.522526	91593	384071	384071	1	5	0.006031	1	0.013096	1
chr7	1.3E+08	1.3E+08	0.521996	0.521996	168778	184242	184242	1	1	0.006054	1	0.013136	1
chr2	2.4E+08	2.4E+08	-0.20263	0.405268	109968	70276	70277	2	3	0.00606	1	0.026464	1
chr20	11869467	11869467	0.521676	0.521676	111290	396085	396085	1	1	0.006068	1	0.013161	1
chr4	1.3E+08	1.3E+08	-0.52153	0.52153	136143	107127	107127	1	1	0.006076	1	0.013173	1
chr1	1.08E+08	1.08E+08	0.151176	0.453528	10007	22504	22506	3	4	0.006094	1	0.019572	1
chr7	149976	150084	0.151175	0.453524	160007	164606	164608	3	4	0.006094	1	0.019572	1
chr19	38229377	38229377	-0.52101	0.521012	91950	385114	385114	1	1	0.006098	1	0.01321	1
chr7	190334	190423	-0.20229	0.40458	160025	164652	164653	2	2	0.0061	1	0.026579	1
chr12	1.33E+08	1.33E+08	-0.15088	0.452642	48674	285116	285118	3	3	0.006129	1	0.019674	1
chr6	29894322	29894341	-0.20199	0.403977	151448	140257	140258	2	29	0.006133	1	0.026681	1
chr12	53359155	53359506	0.150786	0.452359	42940	271952	271954	3	4	0.00614	1	0.019707	1
chr8	96619989	96619989	-0.51981	0.519813	177168	201866	201866	1	1	0.006152	1	0.013301	1
chr13	44453233	44453235	0.201613	0.403225	50560	289267	289268	2	17	0.006176	1	0.026814	1
chr7	1595067	1595067	-0.51883	0.518827	160552	166243	166243	1	2	0.006194	1	0.013371	1
chr3	1.91E+08	1.91E+08	-0.51871	0.518709	129449	92799	92799	1	4	0.006199	1	0.01338	1
chr11	74026371	74026371	-0.51848	0.51848	35372	256051	256051	1	1	0.006209	1	0.013398	1
chr17	81025461	81025461	-0.51842	0.518415	84607	366831	366831	1	2	0.006211	1	0.013403	1
chr22	50250283	50250283	-0.51804	0.518036	118855	413993	413993	1	1	0.006229	1	0.01343	1
chr11	71164098	71164112	-0.15005	0.450161	35008	255247	255249	3	13	0.006232	1	0.019968	1
chr22	49447845	49448123	-0.20109	0.402172	118735	413793	413794	2	4	0.006242	1	0.026999	1
chr11	1.23E+08	1.23E+08	-0.51757	0.517574	38242	261920	261920	1	1	0.006249	1	0.013464	1
chr2	2.42E+08	2.42E+08	0.5173	0.5173	110251	70930	70930	1	4	0.006261	1	0.013484	1
chr5	1.25E+08	1.25E+08	-0.51718	0.517179	144315	123634	123634	1	1	0.006266	1	0.013493	1
chr18	47016218	47016218	0.517171	0.517171	85806	369804	369804	1	3	0.006266	1	0.013494	1
chr12	1.23E+08	1.23E+08	0.517164	0.517164	47292	281849	281849	1	5	0.006266	1	0.013494	1
chr6	32063895	32063991	0.149591	0.448773	152005	145416	145418	3	54	0.006289	1	0.020136	1
chr5	71852464	71852862	0.149554	0.448661	142120	119374	119376	3	4	0.006293	1	0.020148	1
chr11	1.33E+08	1.33E+08	0.149437	0.44831	39146	263691	263693	3	3	0.006307	1	0.02019	1
chr2	2.33E+08	2.33E+08	0.516136	0.516136	109047	68333	68333	1	1	0.006313	1	0.013574	1
chr17	77924582	77924733	-0.14938	0.448134	83515	363564	363566	3	15	0.006314	1	0.020212	1
chr10	45720040	45720134	-0.20034	0.400679	21769	223895	223896	2	4	0.00633	1	0.027261	1
chr16	33948806	33948885	-0.20014	0.400274	70330	332494	332495	2	2	0.006355	1	0.027337	1
chr3	52931532	52931657	-0.14903	0.447089	122677	79675	79677	3	10	0.006358	1	0.020342	1
chr19	56915855	56915855	-0.5151	0.515096	95264	393442	393442	1	12	0.00636	1	0.013655	1
chr10	1.18E+08	1.18E+08	-0.51466	0.514662	26404	233614	233614	1	1	0.006378	1	0.013687	1
chr6	1.14E+08	1.14E+08	0.199886	0.399772	156277	156938	156939	2	3	0.006388	1	0.027427	1
chr11	1.01E+08	1.01E+08	-0.51445	0.514448	36658	258485	258485	1	1	0.006388	1	0.013704	1
chr5	1.71E+08	1.71E+08	0.513423	0.513423	147387	130383	130383	1	1	0.006435	1	0.013785	1

chr15	33023237	33023586	0.199459	0.398917	60835	311569	311570	2	2	0.00644	1	0.027578	1
chr7	1.34E+08	1.34E+08	0.199406	0.398811	169091	184823	184824	2	9	0.006447	1	0.027596	1
chr12	50523625	50523625	0.512043	0.512043	42558	271077	271077	1	1	0.006497	1	0.013891	1
chr1	2.47E+08	2.47E+08	-0.51201	0.512008	18543	40699	40699	1	1	0.006499	1	0.013894	1
chr10	1.35E+08	1.35E+08	0.147793	0.443379	28166	238017	238019	3	4	0.006516	1	0.020817	1
chr3	1.39E+08	1.39E+08	-0.51111	0.511108	126877	87687	87687	1	2	0.006539	1	0.013965	1
chr8	1.45E+08	1.45E+08	-0.51083	0.510833	180070	207476	207476	1	1	0.006552	1	0.013986	1
chr16	53543985	53544321	0.147194	0.441583	70861	333542	333544	3	3	0.006588	1	0.021047	1
chr17	79503859	79503877	-0.19817	0.396344	84050	365086	365087	2	7	0.006609	1	0.028049	1
chr17	34067305	34067305	0.509565	0.509565	78420	351188	351188	1	1	0.006611	1	0.014089	1
chr20	32255491	32256071	-0.14697	0.440909	111977	397902	397904	3	6	0.006616	1	0.021131	1
chr6	33092130	33092130	0.509367	0.509367	152262	147271	147271	1	13	0.00662	1	0.014103	1
chr7	1.05E+08	1.05E+08	0.509294	0.509294	167535	181849	181849	1	1	0.006623	1	0.01411	1
chr16	788035	788184	-0.14683	0.440504	66699	324035	324037	3	3	0.006634	1	0.021185	1
chr15	1.02E+08	1.02E+08	-0.50894	0.508942	66277	322944	322944	1	4	0.006639	1	0.014137	1
chr6	1.52E+08	1.52E+08	-0.14662	0.439873	158142	160590	160592	3	6	0.00666	1	0.021268	1
chr17	78233839	78233937	0.197698	0.395396	83612	363828	363829	2	5	0.006672	1	0.028226	1
chr14	1.07E+08	1.07E+08	-0.19758	0.395153	59933	309689	309690	2	3	0.006688	1	0.028271	1
chr12	1.33E+08	1.33E+08	-0.50759	0.507593	48828	285556	285556	1	7	0.006702	1	0.014245	1
chr19	54960355	54960853	-0.14622	0.438646	94885	392518	392520	3	7	0.006715	1	0.021427	1
chr5	1.27E+08	1.27E+08	-0.14614	0.43841	144405	123807	123809	3	16	0.006724	1	0.021458	1
chr7	44184403	44184403	0.50611	0.50611	163815	173723	173723	1	9	0.006774	1	0.014365	1
chr20	1757570	1757780	0.196851	0.393701	110838	394964	394965	2	3	0.006786	1	0.028545	1
chr12	9886905	9886905	0.505659	0.505659	40526	266805	266805	1	1	0.006797	1	0.014403	1
chr21	38349937	38350069	0.19672	0.393439	114820	404950	404951	2	2	0.006803	1	0.028593	1
chr15	97311928	97311928	0.505115	0.505115	65943	322258	322258	1	3	0.006822	1	0.014446	1
chr17	72462559	72463080	0.145359	0.436076	82425	360727	360729	3	5	0.006826	1	0.021769	1
chr12	1.32E+08	1.32E+08	-0.50498	0.504985	48429	284390	284390	1	3	0.006829	1	0.014458	1
chr22	39784769	39784982	0.145316	0.435949	117840	411680	411682	3	6	0.006831	1	0.021785	1
chr5	667968	668501	-0.14529	0.435863	138869	112639	112641	3	4	0.006835	1	0.021798	1
chr5	1.33E+08	1.33E+08	-0.5045	0.504498	144739	124526	124526	1	1	0.006851	1	0.014497	1
chr6	30431699	30431724	0.145061	0.435183	151583	141386	141388	3	34	0.006865	1	0.021892	1
chr8	1.44E+08	1.44E+08	-0.50421	0.504207	179987	207248	207248	1	1	0.006865	1	0.014522	1
chr9	90273181	90273181	-0.50404	0.504043	182166	211440	211440	1	1	0.006872	1	0.014535	1
chr11	69982916	69982941	-0.19612	0.392232	34833	254800	254801	2	3	0.006884	1	0.028823	1
chr6	33253607	33253607	-0.50356	0.503564	152312	147981	147981	1	2	0.006897	1	0.014576	1
chr3	1.15E+08	1.15E+08	-0.50322	0.50322	125080	83961	83961	1	1	0.006915	1	0.014606	1
chr10	1.35E+08	1.35E+08	0.195812	0.391624	28137	237923	237924	2	2	0.006929	1	0.028942	1
chr7	39875276	39875276	-0.50288	0.502882	163520	173157	173157	1	1	0.006933	1	0.014636	1
chr21	36258423	36258497	0.195751	0.391503	114720	404686	404687	2	2	0.006938	1	0.028966	1
chr3	36986992	36986992	0.502764	0.502764	120997	75573	75573	1	13	0.00694	1	0.014647	1
chr15	22833335	22833400	-0.19555	0.391105	60040	309847	309848	2	11	0.006964	1	0.029041	1
chr16	89315104	89315186	-0.1954	0.390794	74439	341572	341573	2	4	0.006988	1	0.029102	1
chr2	1.28E+08	1.28E+08	0.144042	0.432125	103484	57306	57308	3	8	0.006995	1	0.022309	1
chr6	1.69E+08	1.69E+08	-0.50157	0.501569	159567	163543	163543	1	4	0.007	1	0.014749	1
chr1	25655526	25655526	0.501568	0.501568	4564	10422	10422	1	1	0.007	1	0.014749	1
chr13	1.15E+08	1.15E+08	-0.50151	0.501509	53772	296360	296360	1	13	0.007002	1	0.014753	1
chr19	17905589	17905626	0.195205	0.39041	90581	381494	381495	2	6	0.007015	1	0.029175	1
chr1	2.1E+08	2.1E+08	0.143694	0.431083	15971	35538	35540	3	8	0.007041	1	0.022452	1
chr12	1.32E+08	1.32E+08	-0.195	0.390005	48256	284026	284027	2	2	0.007043	1	0.029254	1
chr3	9988144	9988590	0.194988	0.389975	119517	72701	72702	2	2	0.007045	1	0.02926	1
chr5	75955929	75955929	0.500054	0.500054	142384	119946	119946	1	1	0.007077	1	0.014877	1
chr16	11603344	11603344	-0.49979	0.499789	68492	328508	328508	1	2	0.007089	1	0.014899	1
chr17	948956	948956	-0.49953	0.499533	74995	342905	342905	1	1	0.007102	1	0.014921	1
chr13	95652307	95652307	0.499461	0.499461	52058	292194	292194	1	1	0.007105	1	0.014926	1
chr6	32312351	32312351	0.49934	0.49934	152092	146269	146269	1	2	0.007111	1	0.014936	1
chr1	2.1E+08	2.1E+08	-0.19454	0.389071	15991	35589	35590	2	9	0.007111	1	0.02944	1
chr8	57351067	57351185	0.194461	0.388922	175598	198727	198728	2	6	0.007121	1	0.02947	1
chr17	14201680	14201744	-0.19441	0.388829	76704	347325	347326	2	6	0.007127	1	0.029487	1
chr22	50482925	50483123	-0.19438	0.388751	118903	414097	414098	2	5	0.007134	1	0.029505	1
chr17	30822561	30822961	-0.19437	0.388738	78207	350707	350708	2	5	0.007135	1	0.029507	1
chr4	99851156	99851281	0.142902	0.428705	135035	104896	104898	3	18	0.007147	1	0.022787	1
chr17	79459563	79459563	-0.4983	0.498304	84037	365033	365033	1	2	0.007164	1	0.015026	1
chr20	62421310	62421310	-0.49777	0.497775	114077	403205	403205	1	1	0.00719	1	0.015072	1
chr5	10639679	10639679	0.497723	0.497723	139874	115132	115132	1	1	0.007193	1	0.015077	1
chr2	2.19E+08	2.19E+08	-0.4976	0.497604	107965	65993	65993	1	1	0.007199	1	0.015088	1
chr14	24422837	24422872	-0.19387	0.387736	54379	297674	297675	2	12	0.007209	1	0.029703	1
chr17	37123767	37123843	0.14239	0.427171	78791	352074	352076	3	9	0.007215	1	0.023008	1
chr8	1144375	1144375	0.496964	0.496964	171890	191228	191228	1	1	0.007234	1	0.015145	1
chr6	1.7E+08	1.7E+08	0.496739	0.496739	159865	164240	164240	1	2	0.007245	1	0.015164	1
chr16	818807	819064	-0.19354	0.387075	66711	324082	324083	2	4	0.007259	1	0.029834	1
chr3	48335857	48335857	0.496441	0.496441	121994	77766	77766	1	1	0.00726	1	0.015189	1
chr1	1.67E+08	1.67E+08	0.496344	0.496344	13404	30463	30463	1	1	0.007264	1	0.015198	1
chr12	1.25E+08	1.25E+08	0.496204	0.496204	47586	282557	282557	1	7	0.007271	1	0.015208	1

chr10	1.17E+08	1.17E+08	0.13481	0.40443	26336	233459	233461	3	3	0.008261	1	0.026604	1
chr10	14620934	14620934	-0.47798	0.477985	20155	220664	220664	1	1	0.008292	1	0.016922	1
chr4	3516637	3516692	0.187108	0.374217	131050	96756	96757	2	3	0.008296	1	0.032525	1
chr17	48585216	48585635	0.134251	0.402754	80729	357095	357097	3	10	0.008336	1	0.026899	1
chr7	2883003	2883003	-0.47682	0.476824	161020	167624	167624	1	1	0.008361	1	0.017039	1
chr6	36076933	36076933	-0.47655	0.476549	152743	149643	149643	1	1	0.008378	1	0.017067	1
chr1	1886501	1886543	0.18661	0.373219	544	1540	1541	2	3	0.008384	1	0.032747	1
chr12	3384898	3384898	-0.47553	0.475528	39807	265055	265055	1	3	0.008438	1	0.017168	1
chr7	1886391	1886902	0.133463	0.400389	160642	166518	166520	3	5	0.00845	1	0.027317	1
chr1	6009857	6009857	-0.47514	0.475138	1582	4293	4293	1	1	0.008463	1	0.017209	1
chr11	1.19E+08	1.19E+08	0.474936	0.474936	37903	261304	261304	1	1	0.008475	1	0.017231	1
chr12	25054873	25055108	0.13305	0.39915	41272	268241	268243	3	11	0.008508	1	0.027538	1
chr11	3073408	3073488	-0.13287	0.398608	29429	242128	242130	3	3	0.008532	1	0.027632	1
chr7	1.57E+08	1.57E+08	-0.47383	0.473834	171080	189184	189184	1	2	0.008545	1	0.017346	1
chr11	2286079	2286079	-0.47354	0.473535	29219	241301	241301	1	4	0.008563	1	0.017376	1
chr14	1.03E+08	1.03E+08	-0.47345	0.47345	59030	307597	307597	1	3	0.008568	1	0.017385	1
chr8	74903761	74903801	0.185527	0.371054	176362	200359	200360	2	2	0.008583	1	0.033233	1
chr9	90621637	90622100	-0.18535	0.370707	182191	211476	211477	2	3	0.008616	1	0.033314	1
chr22	50482250	50482250	-0.47249	0.472489	118902	414096	414096	1	2	0.008626	1	0.017484	1
chr13	28553783	28553805	-0.13206	0.396179	49671	287513	287515	3	5	0.008641	1	0.028078	1
chr14	1E+08	1E+08	0.47179	0.47179	58558	306363	306363	1	1	0.008672	1	0.017557	1
chr13	1.11E+08	1.11E+08	-0.47101	0.471014	52880	293818	293818	1	1	0.008721	1	0.01764	1
chr8	43132256	43132507	-0.13144	0.394324	175049	197620	197622	3	9	0.008727	1	0.028428	1
chr19	55735946	55735946	0.470659	0.470659	95023	392813	392813	1	1	0.008744	1	0.017677	1
chr18	77508326	77508326	0.47061	0.47061	86745	371861	371861	1	1	0.008747	1	0.017682	1
chr15	78556940	78556945	0.184653	0.369306	64521	319275	319276	2	14	0.008747	1	0.033633	1
chr8	1.09E+08	1.09E+08	-0.47046	0.470455	177874	203258	203258	1	1	0.008757	1	0.017698	1
chr11	6804983	6804983	-0.47036	0.470362	29830	243029	243029	1	1	0.008764	1	0.017709	1
chr1	40257195	40257195	-0.4701	0.4701	6330	14589	14589	1	1	0.00878	1	0.017737	1
chr17	27346926	27347092	0.130734	0.392202	77881	349966	349968	3	5	0.008824	1	0.028829	1
chr11	1.24E+08	1.24E+08	0.469159	0.469159	38351	262125	262125	1	1	0.008839	1	0.017831	1
chr1	2801984	2801984	0.468438	0.468438	946	2665	2665	1	5	0.008884	1	0.017907	1
chr7	1.55E+08	1.55E+08	0.130242	0.390726	170744	188271	188273	3	5	0.008891	1	0.029116	1
chr10	2357283	2357363	-0.18388	0.367768	19223	218734	218735	2	3	0.008895	1	0.033992	1
chr4	1.4E+08	1.4E+08	0.183773	0.367545	136342	107438	107439	2	2	0.008916	1	0.034047	1
chr17	45401733	45401833	-0.18369	0.367386	80159	355559	355560	2	9	0.00893	1	0.034082	1
chr10	1.32E+08	1.32E+08	-0.46756	0.467556	27631	236386	236386	1	1	0.008943	1	0.018003	1
chr18	58996785	58996785	0.467465	0.467465	86082	370484	370484	1	1	0.008949	1	0.018012	1
chr11	47235900	47236131	0.129623	0.388869	32266	248172	248174	3	10	0.008977	1	0.029479	1
chr1	16678832	16678847	0.183381	0.366762	3316	7791	7792	2	13	0.008993	1	0.034229	1
chr1	1.11E+08	1.11E+08	-0.12942	0.388257	10329	23292	23294	3	12	0.009005	1	0.029601	1
chr1	1.55E+08	1.55E+08	-0.18327	0.366543	12148	27567	27568	2	10	0.009013	1	0.034279	1
chr22	18268062	18268249	0.129243	0.387729	116045	407439	407441	3	5	0.009028	1	0.029704	1
chr6	1.7E+08	1.7E+08	0.466163	0.466163	159767	164001	164001	1	1	0.009032	1	0.018151	1
chr7	63505768	63505791	-0.18318	0.366361	164799	175663	175664	2	8	0.009033	1	0.034325	1
chr6	32116853	32116875	-0.12913	0.38738	152022	145634	145636	3	49	0.009045	1	0.029773	1
chr15	49716247	49716645	-0.12901	0.38704	62032	314245	314247	3	3	0.009061	1	0.029841	1
chr10	13424911	13425201	0.12874	0.386219	20043	220467	220469	3	5	0.009098	1	0.030004	1
chr12	1.26E+08	1.26E+08	-0.46492	0.464922	47842	283108	283108	1	5	0.009112	1	0.018285	1
chr19	49713828	49714044	-0.12859	0.385785	93926	390018	390020	3	5	0.009118	1	0.030095	1
chr10	77542488	77542585	0.128519	0.385558	23544	227462	227464	3	9	0.009128	1	0.03014	1
chr16	1121907	1122047	0.18269	0.36538	66879	324551	324552	2	2	0.009133	1	0.03456	1
chr1	29190137	29190137	0.464269	0.464269	5134	11883	11883	1	7	0.009154	1	0.018356	1
chr6	1.69E+08	1.69E+08	-0.46419	0.464191	159632	163712	163712	1	3	0.009159	1	0.018363	1
chr12	214194	214224	0.182515	0.365029	39403	264255	264256	2	4	0.009167	1	0.034644	1
chr6	1.57E+08	1.57E+08	0.464053	0.464053	158377	160974	160974	1	2	0.009168	1	0.018378	1
chr6	1.71E+08	1.71E+08	0.182417	0.364835	159884	164290	164291	2	2	0.009187	1	0.034692	1
chr1	1555396	1555396	-0.46356	0.463563	428	1248	1248	1	1	0.0092	1	0.01843	1
chr2	1.69E+08	1.69E+08	0.463085	0.463085	105397	60790	60790	1	5	0.009233	1	0.018484	1
chr4	3495242	3495341	0.182098	0.364196	131036	96733	96734	2	2	0.009251	1	0.034843	1
chr11	4600034	4600034	-0.46273	0.462733	29581	242518	242518	1	3	0.009254	1	0.018521	1
chr19	40995921	40996118	-0.12749	0.38247	92409	386247	386249	3	4	0.009265	1	0.030767	1
chr11	69919554	69920054	0.12704	0.381119	34815	254746	254748	3	5	0.009323	1	0.031047	1
chr5	1.78E+08	1.78E+08	0.461182	0.461182	148321	132393	132393	1	4	0.009359	1	0.01869	1
chr18	34327498	34327498	-0.46114	0.461139	85528	369157	369157	1	1	0.009362	1	0.018695	1
chr12	1.26E+08	1.26E+08	0.461126	0.461126	47799	283029	283029	1	1	0.009363	1	0.018696	1
chr3	1.26E+08	1.26E+08	-0.1267	0.380089	125752	85236	85238	3	6	0.009369	1	0.031265	1
chr2	47115827	47115827	0.460814	0.460814	99133	48362	48362	1	1	0.009383	1	0.01873	1
chr20	44420225	44420276	-0.18142	0.362848	112707	399880	399881	2	15	0.009384	1	0.035164	1
chr15	93208459	93208920	-0.1814	0.36281	65721	321768	321769	2	2	0.009388	1	0.035174	1
chr2	1.82E+08	1.82E+08	0.460554	0.460554	106277	62788	62788	1	1	0.009403	1	0.01876	1
chr8	1.44E+08	1.44E+08	0.180902	0.361804	179824	206843	206844	2	11	0.009494	1	0.035421	1
chr10	695859	695900	0.125659	0.376976	18941	218056	218058	3	11	0.009508	1	0.031931	1
chr10	1.34E+08	1.34E+08	-0.45897	0.458966	27936	237265	237265	1	5	0.009513	1	0.01894	1

chr2	2.34E+08	2.34E+08	0.41365	0.41365	109143	68572	68572	1	12	0.013264	1	0.025076	1
chr19	55667663	55668066	0.165677	0.331355	95004	392759	392760	2	6	0.013487	1	0.044022	1
chr2	1.76E+08	1.76E+08	0.165664	0.331328	105954	61925	61926	2	9	0.013491	1	0.04403	1
chr7	1986301	1986334	0.165629	0.331259	160698	166679	166680	2	7	0.013502	1	0.044053	1
chr11	6502655	6502690	-0.16555	0.331109	29790	242923	242924	2	11	0.013526	1	0.044101	1
chr1	11046185	11046185	0.410826	0.410826	2600	6364	6364	1	1	0.013542	1	0.025527	1
chr6	32605704	32605704	0.410013	0.410013	152155	146430	146430	1	1	0.013622	1	0.025657	1
chr7	1.34E+08	1.34E+08	-0.40962	0.409623	169105	184846	184846	1	1	0.013663	1	0.025722	1
chr13	28562900	28562900	0.409484	0.409484	49674	287527	287527	1	7	0.013678	1	0.025747	1
chr2	16484904	16484904	-0.40935	0.409354	97058	44212	44212	1	1	0.013691	1	0.025768	1
chr14	1.04E+08	1.04E+08	0.409277	0.409277	59225	308066	308066	1	1	0.0137	1	0.025781	1
chr10	1251771	1251771	-0.40906	0.409057	19078	218398	218398	1	6	0.013722	1	0.025817	1
chr3	1.25E+08	1.25E+08	0.16496	0.32992	125700	85126	85127	2	3	0.013725	1	0.044496	1
chr3	1.05E+08	1.05E+08	0.408938	0.408938	124577	83043	83043	1	1	0.013733	1	0.025836	1
chr11	28642652	28642652	0.408821	0.408821	31213	245873	245873	1	1	0.013745	1	0.025855	1
chr1	2710376	2710376	-0.40882	0.408815	907	2579	2579	1	1	0.013746	1	0.025856	1
chr12	1.31E+08	1.31E+08	-0.16489	0.32978	48177	283818	283819	2	4	0.013748	1	0.044543	1
chr6	1.11E+08	1.11E+08	0.164765	0.329529	156064	156525	156526	2	2	0.013787	1	0.044622	1
chr15	29034942	29034950	-0.16475	0.329498	60540	311028	311029	2	2	0.013792	1	0.044631	1
chr3	14258049	14258049	-0.40813	0.408125	119991	73741	73741	1	1	0.013815	1	0.025971	1
chr10	1.22E+08	1.22E+08	-0.40812	0.408118	26716	234306	234306	1	2	0.013816	1	0.025972	1
chr16	66458043	66458043	-0.40727	0.407272	71549	334977	334977	1	1	0.013906	1	0.026119	1
chr19	427162	427263	0.164388	0.328777	86903	372201	372202	2	3	0.013913	1	0.04487	1
chr3	52728804	52728804	0.407162	0.407162	122643	79588	79588	1	1	0.013918	1	0.026138	1
chr12	1.15E+08	1.15E+08	-0.40714	0.407135	46653	280296	280296	1	1	0.013921	1	0.026144	1
chr16	34257170	34257432	-0.16414	0.328279	70344	332523	332524	2	7	0.013997	1	0.045035	1
chr3	1.72E+08	1.72E+08	-0.40631	0.406308	128312	90560	90560	1	1	0.014006	1	0.026281	1
chr1	27481531	27481531	0.406005	0.406005	4878	11208	11208	1	6	0.014038	1	0.026336	1
chr11	10373718	10373718	-0.40585	0.40585	30170	243729	243729	1	1	0.014056	1	0.026364	1
chr16	2007559	2007559	-0.40547	0.405474	67262	325657	325657	1	2	0.014096	1	0.02643	1
chr5	83017553	83017644	0.163685	0.32737	142835	120820	120821	2	12	0.014148	1	0.045335	1
chr4	1.44E+08	1.44E+08	-0.40495	0.404954	136599	107952	107952	1	2	0.014148	1	0.026517	1
chr6	1.11E+08	1.11E+08	0.404933	0.404933	156071	156537	156537	1	4	0.01415	1	0.02652	1
chr7	2962240	2962240	0.404883	0.404883	161037	167664	167664	1	3	0.014156	1	0.026529	1
chr10	1.24E+08	1.24E+08	-0.40447	0.404469	26802	234458	234458	1	1	0.014199	1	0.026598	1
chr2	11757139	11757139	0.404449	0.404449	96857	43860	43860	1	1	0.014201	1	0.026601	1
chr22	43811071	43811071	0.404302	0.404302	118281	412780	412780	1	1	0.014217	1	0.026628	1
chr3	52030037	52030057	0.163479	0.326957	122514	79294	79295	2	8	0.014217	1	0.045471	1
chr10	14051821	14051838	-0.16343	0.326868	20109	220603	220604	2	2	0.014232	1	0.045501	1
chr10	1.31E+08	1.31E+08	-0.40398	0.403979	27542	236054	236054	1	2	0.01425	1	0.026681	1
chr21	46077562	46077582	0.163354	0.326709	115507	406391	406392	2	7	0.01426	1	0.045556	1
chr16	81254051	81254051	-0.40367	0.403671	72787	337836	337836	1	4	0.014281	1	0.026734	1
chr5	1.68E+08	1.68E+08	-0.40358	0.403579	147220	130021	130021	1	1	0.014292	1	0.026752	1
chr17	61920407	61920421	0.163207	0.326414	81672	359181	359182	2	11	0.014314	1	0.045657	1
chr11	61594965	61594997	-0.1631	0.326194	33157	250055	250056	2	12	0.014353	1	0.045732	1
chr3	1.19E+08	1.19E+08	-0.16308	0.326156	125233	84195	84196	2	8	0.01436	1	0.045745	1
chr12	1.26E+08	1.26E+08	0.402928	0.402928	47862	283146	283146	1	2	0.014363	1	0.026867	1
chr16	54225800	54225800	0.402926	0.402926	70896	333598	333598	1	1	0.014364	1	0.026868	1
chr3	10436869	10436869	0.402845	0.402845	119602	72917	72917	1	9	0.014373	1	0.026882	1
chr1	2785382	2785382	0.40265	0.40265	938	2641	2641	1	1	0.014395	1	0.026918	1
chr11	1078956	1079219	-0.16292	0.32585	28834	240082	240083	2	2	0.014411	1	0.045848	1
chr21	43528205	43528205	-0.40242	0.402423	115111	405565	405565	1	1	0.014417	1	0.026956	1
chr6	29796985	29796985	0.402414	0.402414	151431	140183	140183	1	21	0.014418	1	0.026957	1
chr4	1.9E+08	1.9E+08	0.162837	0.325674	138585	111956	111957	2	2	0.01444	1	0.045907	1
chr10	1.04E+08	1.04E+08	0.401732	0.401732	25568	231853	231853	1	9	0.014492	1	0.027076	1
chr5	404713	404713	-0.40155	0.401554	138757	112323	112323	1	8	0.014511	1	0.027107	1
chr11	1.22E+08	1.22E+08	-0.40128	0.401276	38123	261699	261699	1	1	0.014541	1	0.027156	1
chr7	11568529	11568529	0.401275	0.401275	161824	169517	169517	1	1	0.014541	1	0.027156	1
chr12	670974	670974	0.401203	0.401203	39466	264399	264399	1	6	0.014549	1	0.027169	1
chr12	57559808	57559808	-0.40116	0.401163	43568	273762	273762	1	3	0.014553	1	0.027176	1
chr10	1.15E+08	1.15E+08	-0.40105	0.401049	26242	233246	233246	1	1	0.014566	1	0.027196	1
chr17	59543726	59543726	0.401004	0.401004	81478	358748	358748	1	1	0.01457	1	0.027204	1
chr4	1772062	1772151	-0.16233	0.32467	130661	95807	95808	2	2	0.014622	1	0.046248	1
chr6	34724739	34724741	-0.16232	0.324648	152576	149274	149275	2	11	0.014625	1	0.046255	1
chr16	11410036	11410036	0.400506	0.400506	68472	328480	328480	1	1	0.014627	1	0.027295	1
chr1	1.54E+08	1.54E+08	-0.16228	0.324566	11910	26882	26883	2	10	0.01464	1	0.046283	1
chr19	35329641	35329860	-0.16225	0.324492	91532	383916	383917	2	4	0.014652	1	0.046306	1
chr20	32700235	32700246	-0.16218	0.324355	112022	398001	398002	2	9	0.014675	1	0.046354	1
chr6	1.7E+08	1.7E+08	-0.39982	0.399819	159692	163839	163839	1	2	0.0147	1	0.027418	1
chr9	5040816	5040816	-0.39975	0.399752	180709	209196	209196	1	4	0.014709	1	0.027431	1
chr8	1.42E+08	1.42E+08	-0.39961	0.399612	179466	205947	205947	1	4	0.014725	1	0.027456	1
chr16	70143703	70143703	0.399419	0.399419	72086	336402	336402	1	1	0.014745	1	0.027489	1
chr17	212481	212481	-0.39927	0.399266	74823	342503	342503	1	1	0.014761	1	0.027517	1
chr8	6534897	6534897	-0.39897	0.398973	172371	192298	192298	1	1	0.014793	1	0.027568	1

chr6	1.69E+08	1.69E+08	-0.39895	0.398953	159617	163674	163674	1	3	0.014795	1	0.027571	1
chr10	1.34E+08	1.34E+08	-0.39886	0.398856	27926	237232	237232	1	5	0.014805	1	0.027588	1
chr2	1.07E+08	1.07E+08	-0.39866	0.398664	102458	55329	55329	1	1	0.014826	1	0.027621	1
chr3	1.91E+08	1.91E+08	0.398437	0.398437	129442	92790	92790	1	1	0.014851	1	0.027662	1
chr2	1.73E+08	1.73E+08	-0.39833	0.398331	105715	61461	61461	1	1	0.014864	1	0.027682	1
chr2	1481492	1481492	-0.39793	0.397934	95855	41786	41786	1	4	0.014909	1	0.027755	1
chr10	79492099	79492099	0.397618	0.397618	23664	227617	227617	1	2	0.014942	1	0.027812	1
chr1	78602941	78602941	0.397471	0.397471	8923	20216	20216	1	1	0.014959	1	0.027839	1
chr12	9600060	9600060	-0.39732	0.397321	40512	266765	266765	1	12	0.014976	1	0.027867	1
chr15	26915732	26915752	-0.16118	0.322366	60387	310697	310698	2	4	0.015028	1	0.047047	1
chr3	38033516	38033516	-0.39663	0.396626	121077	75728	75728	1	4	0.015055	1	0.027995	1
chr3	1.6E+08	1.6E+08	-0.39662	0.396619	127842	89654	89654	1	1	0.015056	1	0.027997	1
chr2	2.43E+08	2.43E+08	-0.161002	0.322003	110594	71748	71749	2	7	0.015097	1	0.047173	1
chr6	1.68E+08	1.68E+08	0.160843	0.321685	159372	163056	163057	2	2	0.015154	1	0.047286	1
chr19	41319790	41319790	-0.3957	0.395697	92492	386472	386472	1	1	0.015159	1	0.028169	1
chr22	27152698	27152963	0.16081	0.321621	116886	409387	409388	2	4	0.015165	1	0.047308	1
chr10	1.19E+08	1.19E+08	0.395577	0.395577	26458	233766	233766	1	1	0.015173	1	0.028192	1
chr22	43168851	43168851	0.395572	0.395572	118215	412617	412617	1	1	0.015173	1	0.028193	1
chr1	2.36E+08	2.36E+08	0.1607	0.321399	17909	39487	39488	2	10	0.015207	1	0.04739	1
chr6	73973719	73973719	0.395263	0.395263	154733	153597	153597	1	1	0.015209	1	0.028252	1
chr17	78652902	78652902	0.394985	0.394985	83701	364046	364046	1	1	0.015242	1	0.028305	1
chr11	1.33E+08	1.33E+08	-0.39454	0.394543	39173	263740	263740	1	6	0.01529	1	0.028386	1
chr17	30244184	30244370	0.160389	0.320778	78153	350565	350566	2	6	0.015321	1	0.047611	1
chr5	63933908	63933908	-0.39401	0.394013	141772	118704	118704	1	1	0.015352	1	0.028485	1
chr5	1.4E+08	1.4E+08	0.393855	0.393855	145434	126171	126171	1	12	0.01537	1	0.028514	1
chr7	1.53E+08	1.53E+08	0.393776	0.393776	170601	187979	187979	1	2	0.01538	1	0.02853	1
chr6	1.58E+08	1.58E+08	-0.39372	0.393718	158550	161272	161272	1	2	0.015387	1	0.028542	1
chr2	382237	382356	-0.16021	0.32042	95669	41356	41357	2	3	0.01539	1	0.04774	1
chr2	33951647	33951647	0.393599	0.393599	98281	46777	46777	1	1	0.015402	1	0.028564	1
chr10	5454459	5454459	0.393594	0.393594	19502	219294	219294	1	9	0.015402	1	0.028565	1
chr17	57187728	57187728	0.393559	0.393559	81281	358267	358267	1	1	0.015407	1	0.028572	1
chr6	32309323	32309323	-0.39356	0.393558	152090	146267	146267	1	3	0.015407	1	0.028573	1
chr10	21799314	21799395	0.159992	0.319984	20469	221308	221309	2	9	0.015471	1	0.047893	1
chr10	14439215	14439215	0.392775	0.392775	20131	220634	220634	1	1	0.015494	1	0.028718	1
chr1	1.45E+08	1.45E+08	0.392702	0.392702	11144	25024	25024	1	2	0.015503	1	0.028732	1
chr19	53194695	53194699	0.159781	0.319562	94570	391691	391692	2	2	0.015548	1	0.048045	1
chr11	2222912	2222912	-0.39211	0.392108	29208	241265	241265	1	2	0.015575	1	0.028848	1
chr14	1.04E+08	1.04E+08	-0.15969	0.319379	59249	308118	308119	2	2	0.015581	1	0.048111	1
chr6	31164921	31164924	-0.15964	0.319288	151767	142820	142821	2	31	0.015597	1	0.048144	1
chr6	32451079	32451079	-0.39154	0.391542	152129	146377	146377	1	1	0.015642	1	0.028958	1
chr5	344218	344218	0.391336	0.391336	138735	112276	112276	1	4	0.015665	1	0.028996	1
chr7	34911385	34911385	0.391212	0.391212	163172	172519	172519	1	3	0.015681	1	0.029021	1
chr3	61237223	61237223	0.391113	0.391113	123164	80586	80586	1	14	0.015692	1	0.029039	1
chr1	3077798	3077835	0.159349	0.318699	1060	2987	2988	2	6	0.015713	1	0.048362	1
chr2	2.22E+08	2.22E+08	-0.15935	0.318693	108411	67065	67066	2	18	0.015714	1	0.048364	1
chr13	1.13E+08	1.13E+08	0.159078	0.318156	53151	294474	294475	2	3	0.015821	1	0.04856	1
chr1	2.3E+08	2.3E+08	-0.38995	0.389946	17440	38603	38603	1	1	0.015832	1	0.029267	1
chr14	81405846	81405846	0.389703	0.389703	57431	304179	304179	1	1	0.015861	1	0.029315	1
chr11	68637568	68637592	-0.15891	0.317827	34620	254242	254243	2	2	0.015885	1	0.048682	1
chr7	1.17E+08	1.17E+08	-0.38944	0.389436	168088	182831	182831	1	1	0.015894	1	0.02937	1
chr2	2.35E+08	2.35E+08	-0.15883	0.317666	109243	68792	68793	2	5	0.015916	1	0.048742	1
chr12	2881762	2881762	-0.38916	0.389156	39728	264883	264883	1	1	0.015927	1	0.029424	1
chr5	1180364	1180364	-0.38827	0.388266	139031	113084	113084	1	1	0.016033	1	0.029599	1
chr3	1.93E+08	1.93E+08	-0.38819	0.388194	129491	92876	92876	1	1	0.016042	1	0.029614	1
chr19	597635	597635	0.388147	0.388147	86980	372361	372361	1	1	0.016047	1	0.029622	1
chr14	24505537	24505547	-0.15843	0.316862	54391	297707	297708	2	8	0.016072	1	0.049042	1
chr7	2719090	2719090	0.387844	0.387844	160970	167487	167487	1	5	0.016084	1	0.02968	1
chr9	97810617	97810769	0.158368	0.316736	182602	212107	212108	2	4	0.016097	1	0.049088	1
chr1	28763330	28763330	0.38742	0.38742	5079	11717	11717	1	1	0.016135	1	0.029765	1
chr17	7613764	7613764	0.387025	0.387025	76111	345967	345967	1	1	0.016181	1	0.029843	1
chr16	11374865	11374865	0.386554	0.386554	68469	328472	328472	1	7	0.016237	1	0.029936	1
chr20	61153997	61153997	-0.38586	0.385858	113686	402312	402312	1	2	0.016325	1	0.030079	1
chr14	63568796	63568796	0.385722	0.385722	56058	301407	301407	1	6	0.016343	1	0.030108	1
chr1	3047462	3047462	0.385607	0.385607	1046	2938	2938	1	3	0.016357	1	0.03013	1
chr2	2.19E+08	2.19E+08	-0.38554	0.385541	108018	66083	66083	1	6	0.016365	1	0.030143	1
chr2	80281335	80281335	0.385361	0.385361	101024	52329	52329	1	1	0.016387	1	0.03018	1
chr19	55362650	55362650	0.385204	0.385204	94944	392641	392641	1	1	0.016405	1	0.030211	1
chr1	2.47E+08	2.47E+08	-0.38508	0.38508	18556	40738	40738	1	1	0.016421	1	0.030235	1
chr10	49654342	49654342	0.385047	0.385047	21982	224262	224262	1	1	0.016424	1	0.030241	1
chr16	57484979	57484979	-0.38487	0.384872	71180	334312	334312	1	1	0.016446	1	0.030275	1
chr11	1.13E+08	1.13E+08	-0.15742	0.314849	37237	259789	259790	2	2	0.016472	1	0.049805	1
chr16	2746544	2746544	0.384103	0.384103	67532	326367	326367	1	2	0.01654	1	0.030433	1
chr3	1.29E+08	1.29E+08	0.157145	0.314289	126245	86325	86326	2	2	0.016584	1	0.050029	1
chr15	72567956	72567956	0.383757	0.383757	63858	317781	317781	1	1	0.016585	1	0.030504	1

chr1	2.1E+08	2.1E+08	-0.25832	0.258322	15991	35592	35592	1	9	0.048766	1	0.081382	1
chr7	37484562	37484562	0.258239	0.258239	163346	172826	172826	1	1	0.048809	1	0.081446	1
chr1	19637256	19637256	-0.25822	0.258218	3788	8717	8717	1	1	0.048819	1	0.081463	1
chr13	88328471	88328813	0.107723	0.215446	51903	291901	291902	2	13	0.048819	1	0.126718	1
chr11	2323459	2323801	-0.10771	0.215412	29236	241400	241401	2	30	0.048829	1	0.126769	1
chr6	1.06E+08	1.06E+08	-0.25811	0.258112	155709	155777	155777	1	1	0.048874	1	0.081546	1
chr7	66785137	66785137	-0.25805	0.258052	165070	176258	176258	1	1	0.048906	1	0.081595	1
chr14	97493395	97493395	0.258033	0.258033	58418	306116	306116	1	1	0.048916	1	0.081611	1
chr17	45727224	45727226	-0.10753	0.215068	80173	355588	355589	2	11	0.048921	1	0.127236	1
chr6	29599319	29599331	-0.10753	0.215057	151373	139830	139831	2	33	0.048923	1	0.127247	1
chr17	72322143	72322154	0.107513	0.215026	82390	360631	360632	2	10	0.048933	1	0.127289	1
chr15	29442040	29442169	-0.10751	0.215018	60585	311123	311124	2	3	0.048934	1	0.127299	1
chr1	1.72E+08	1.72E+08	-0.10745	0.214908	13694	31065	31066	2	6	0.048962	1	0.127446	1
chr6	29524112	29524117	-0.10744	0.214889	151347	139657	139658	2	7	0.048966	1	0.127471	1
chr1	2.08E+08	2.08E+08	0.107393	0.214787	15863	35373	35374	2	6	0.048991	1	0.127607	1
chr9	1.16E+08	1.16E+08	0.257872	0.257872	183322	213262	213262	1	1	0.048998	1	0.081738	1
chr17	80394529	80394529	-0.25785	0.257853	84361	366124	366124	1	6	0.049009	1	0.081754	1
chr14	50698469	50698663	-0.10735	0.21469	55177	299651	299652	2	8	0.049016	1	0.127739	1
chr12	1.09E+08	1.09E+08	-0.25777	0.257773	45912	278504	278504	1	1	0.049051	1	0.081818	1
chr8	43136327	43136445	-0.10718	0.214356	175050	197624	197625	2	3	0.049104	1	0.12819	1
chr11	1859381	1859381	-0.25763	0.257629	29082	240784	240784	1	13	0.049124	1	0.08193	1
chr10	1.25E+08	1.25E+08	-0.10711	0.21423	26914	234688	234689	2	10	0.049136	1	0.128359	1
chr8	1.1E+08	1.1E+08	-0.10711	0.214224	177896	203300	203301	2	3	0.049137	1	0.128366	1
chr6	1.08E+08	1.08E+08	0.257591	0.257591	155883	156113	156113	1	1	0.049144	1	0.081959	1
chr20	44682963	44682963	0.257549	0.257549	112768	400086	400086	1	1	0.049165	1	0.081993	1
chr6	1.34E+08	1.34E+08	0.107001	0.214001	157040	158386	158387	2	43	0.049191	1	0.128667	1
chr11	63852858	63852887	-0.10696	0.213927	33483	250969	250970	2	5	0.049209	1	0.128765	1
chr1	94559714	94559714	-0.25731	0.257314	9642	21761	21761	1	1	0.049293	1	0.082182	1
chr6	95220699	95221182	0.106744	0.213487	155425	155084	155085	2	2	0.049317	1	0.129369	1
chr8	40618425	40618425	0.257255	0.257255	174780	197050	197050	1	1	0.049324	1	0.082228	1
chr10	1.34E+08	1.34E+08	0.106713	0.213426	27889	237112	237113	2	2	0.049332	1	0.129454	1
chr10	22609629	22609897	0.106683	0.213367	20516	221431	221432	2	12	0.049347	1	0.129535	1
chr20	23018108	23018108	-0.25717	0.257172	111576	396891	396891	1	2	0.049367	1	0.082292	1
chr17	77136834	77136834	-0.25716	0.257162	83368	363149	363149	1	1	0.049372	1	0.0823	1
chr4	1.07E+08	1.07E+08	-0.25715	0.257154	135284	105405	105405	1	20	0.049377	1	0.082308	1
chr10	1.3E+08	1.3E+08	0.10645	0.212901	27383	235645	235646	2	11	0.049459	1	0.130175	1
chr6	32729764	32729823	-0.10637	0.212743	152173	146498	146499	2	28	0.049498	1	0.13039	1
chr4	1.23E+08	1.23E+08	0.106325	0.21265	135887	106627	106628	2	12	0.04952	1	0.130522	1
chr1	1074333	1074333	0.256828	0.256828	186	524	524	1	2	0.049555	1	0.082574	1
chr19	44764205	44764380	0.106164	0.212329	92957	387648	387649	2	6	0.049597	1	0.130964	1
chr16	81518122	81518253	-0.10616	0.212317	72817	337888	337889	2	4	0.0496	1	0.130981	1
chr11	33097876	33097876	0.256677	0.256677	31395	246372	246372	1	1	0.049636	1	0.082699	1
chr19	13319417	13319523	0.106015	0.21203	89897	379740	379741	2	5	0.049667	1	0.131382	1
chr19	3059753	3059753	0.256603	0.256603	87908	374607	374607	1	1	0.049676	1	0.082759	1
chr19	56042539	56042539	-0.2566	0.256599	95120	393087	393087	1	4	0.049679	1	0.082764	1
chr8	1.45E+08	1.45E+08	0.256553	0.256553	180228	207951	207951	1	3	0.049703	1	0.0828	1
chr7	27183133	27183196	0.105932	0.211864	162555	171155	171156	2	51	0.049706	1	0.13162	1
chr17	1808573	1808671	-0.10589	0.211771	75204	343431	343432	2	2	0.049726	1	0.131748	1
chr8	1.44E+08	1.44E+08	0.105872	0.211744	179947	207159	207160	2	10	0.049731	1	0.131785	1
chr9	1.18E+08	1.18E+08	0.256403	0.256403	183420	213400	213400	1	1	0.049782	1	0.082919	1
chr8	1789267	1789288	0.105734	0.211469	172110	191748	191749	2	6	0.049794	1	0.132178	1
chr7	27196153	27196286	0.105457	0.210914	162560	171246	171247	2	25	0.049914	1	0.132947	1
chr7	45431839	45431891	0.10542	0.21084	163955	174089	174090	2	3	0.049931	1	0.133051	1
chr4	87281412	87281434	0.105419	0.210839	134650	104138	104139	2	5	0.049931	1	0.133053	1
chr2	1.69E+08	1.69E+08	0.256126	0.256126	105397	60787	60787	1	5	0.049932	1	0.083148	1
chr7	42896801	42896970	0.105401	0.210802	163678	173394	173395	2	3	0.049939	1	0.133108	1
chr1	6845440	6845440	0.2561	0.2561	1835	4943	4943	1	12	0.049948	1	0.08317	1
chr6	29715062	29715062	-0.25608	0.256078	151415	140043	140043	1	3	0.049959	1	0.083188	1
chr21	47547796	47547796	-0.25607	0.25607	115808	406970	406970	1	1	0.049963	1	0.083195	1
chr6	32526414	32526414	-0.25607	0.256068	152144	146414	146414	1	6	0.049964	1	0.083197	1
chr7	21209509	21209725	-0.10531	0.210617	162144	170183	170184	2	7	0.049977	1	0.133369	1
chr22	31090071	31090071	0.25602	0.25602	117132	410001	410001	1	7	0.049991	1	0.083239	1