

chromoson	start	end	test	ref	position	log2	p.value	
chr5	69750001	69850000		1	2	69800000	-1.07237	8.26E-44
chr5	69800001	69900000		1	2	69850000	-1.07237	8.26E-44
chr5	69850001	69950000		0	2	69900000	#NAME?	1.59E-189
chr5	69900001	70000000		1	2	69950000	-1.07237	8.26E-44
chr10	46600001	46700000		4	7	46650000	-0.87973	6.33E-32
chr10	46650001	46750000		2	8	46700000	-2.07237	5.62E-105
chr10	46700001	46800000		2	4	46750000	-1.07237	8.26E-44
chr10	46750001	46850000		1	3	46800000	-1.65733	2.87E-81
chr10	46800001	46900000		0	1	46850000	#NAME?	1.59E-189
chr10	51300001	51400000		5	2	51350000	1.249556	2.09E-53
chr10	51350001	51450000		5	2	51400000	1.249556	2.09E-53
chr9	39400001	39500000		0	2	39450000	#NAME?	1.59E-189
chr9	39450001	39550000		0	1	39500000	#NAME?	1.59E-189
chr9	39500001	39600000		0	2	39550000	#NAME?	1.59E-189
chr9	39550001	39650000		0	3	39600000	#NAME?	1.59E-189
chr9	39600001	39700000		0	1	39650000	#NAME?	1.59E-189
chr9	67600001	67700000		13	4	67650000	1.628068	2.19E-76
chr9	67650001	67750000		14	8	67700000	0.734983	3.27E-23
chr9	39950001	40050000		2	1	4.00E+07	0.927628	7.06E-34
chr9	40000001	40100000		3	1	40050000	1.512591	1.57E-69
chr9	39350001	39450000		2	1	39400000	0.927628	7.06E-34
chr15	21200001	21300000		30	50	21250000	-0.80934	7.76E-28
chr15	21250001	21350000		10	23	21300000	-1.27401	7.92E-57
chr15	21300001	21400000		10	17	21350000	-0.83791	1.78E-29
chr15	21350001	21450000		2	5	21400000	-1.3943	1.23E-64
chr1	1.47E+08	1.48E+08		0	4	147500000	#NAME?	1.59E-189
chr1	1.48E+08	1.48E+08		0	3	147550000	#NAME?	1.59E-189
chr1	1.48E+08	1.48E+08		0	3	147600000	#NAME?	1.59E-189
chr1	1.48E+08	1.48E+08		0	3	147650000	#NAME?	1.59E-189
chr1	150001	250000		0	1	2.00E+05	#NAME?	1.59E-189
chr1	200001	300000		0	3	250000	#NAME?	1.59E-189
chr1	250001	350000		0	2	3.00E+05	#NAME?	1.59E-189
chr1	300001	400000		0	1	350000	#NAME?	1.59E-189
chr1	350001	450000		0	1	4.00E+05	#NAME?	1.59E-189
chrY	19000001	19100000		0	1	19050000	#NAME?	1.59E-189
chrY	19050001	19150000		0	3	19100000	#NAME?	1.59E-189
chrY	19100001	19200000		0	2	19150000	#NAME?	1.59E-189
chrY	19150001	19250000		0	1	19200000	#NAME?	1.59E-189
chrY	19200001	19300000		1	2	19250000	-1.07237	8.26E-44
chrY	18600001	18700000		0	1	18650000	#NAME?	1.59E-189
chrY	18650001	18750000		0	3	18700000	#NAME?	1.59E-189
chrY	18700001	18800000		0	3	18750000	#NAME?	1.59E-189
chrY	18750001	18850000		0	1	18800000	#NAME?	1.59E-189
chrY	16750001	16850000		0	2	16800000	#NAME?	1.59E-189
chrY	16800001	16900000		0	4	16850000	#NAME?	1.59E-189
chrY	16850001	16950000		0	2	16900000	#NAME?	1.59E-189

chrY	16900001	17000000	0	2	16950000	#NAME?	1.59E-189
chrY	16950001	17050000	0	2	1.70E+07	#NAME?	1.59E-189
chrY	8950001	9050000	0	1	9.00E+06	#NAME?	1.59E-189
chrY	9000001	9100000	0	1	9050000	#NAME?	1.59E-189
chrY	9050001	9150000	0	2	9100000	#NAME?	1.59E-189
chrY	9100001	9200000	0	2	9150000	#NAME?	1.59E-189
chrY	3700001	3800000	0	1	3750000	#NAME?	1.59E-189
chrY	3750001	3850000	1	2	3800000	-1.07237	8.26E-44
chrY	3800001	3900000	1	2	3850000	-1.07237	8.26E-44
chrY	3850001	3950000	0	1	3900000	#NAME?	1.59E-189
chrY	3300001	3400000	2	5	3350000	-1.3943	1.23E-64
chrY	3350001	3450000	16	25	3400000	-0.71623	1.02E-22
chrY	3400001	3500000	15	22	3450000	-0.62491	4.39E-18
chrY	3450001	3550000	1	3	3500000	-1.65733	2.87E-81
chrY	3500001	3600000	1	3	3550000	-1.65733	2.87E-81
chrY	3550001	3650000	1	3	3600000	-1.65733	2.87E-81
chrY	14450001	14550000	2	1	14500000	0.927628	7.06E-34
chrY	4950001	5050000	4	1	5.00E+06	1.927628	4.39E-93
chrY	5000001	5100000	4	1	5050000	1.927628	4.39E-93
chrY	3100001	3200000	12	3	3150000	1.927628	4.39E-93
chrY	3150001	3250000	13	3	3200000	2.043105	5.09E-99
chrY	3200001	3300000	2	1	3250000	0.927628	7.06E-34
chr22	16400001	16500000	13	7	16450000	0.820713	8.26E-28
chr22	16450001	16550000	16	8	16500000	0.927628	7.06E-34
chr22	16500001	16600000	21	9	16550000	1.150021	2.93E-47
chr22	16550001	16650000	17	8	16600000	1.015091	4.76E-39
chr7	1	100000	526	574	50000	-0.19836	0.002474644
chr7	50001	150000	952	1076	1.00E+05	-0.24902	0.000214467
chr7	100001	200000	1054	1252	150000	-0.32073	3.09E-06
chr7	150001	250000	846	1029	2.00E+05	-0.35489	2.99E-07
chr7	200001	300000	468	565	250000	-0.34411	6.38E-07
chr7	250001	350000	617	764	3.00E+05	-0.38067	4.50E-08
chr7	300001	400000	966	1156	350000	-0.33142	1.52E-06
chr7	350001	450000	999	1168	4.00E+05	-0.29786	1.32E-05
chr7	400001	500000	998	1133	450000	-0.25541	0.000152484
chr7	450001	550000	1069	1231	5.00E+05	-0.27594	4.85E-05
chr7	500001	600000	1069	1282	550000	-0.33451	1.23E-06
chr7	550001	650000	1041	1241	6.00E+05	-0.3259	2.20E-06
chr7	600001	700000	999	1155	650000	-0.28171	3.47E-05
chr7	650001	750000	904	1013	7.00E+05	-0.23661	0.00040725
chr7	700001	800000	912	1028	750000	-0.24511	0.000263287
chr7	750001	850000	916	1026	8.00E+05	-0.23598	0.000420387
chr7	800001	900000	928	988	850000	-0.16276	0.010494997
chr7	850001	950000	985	1097	9.00E+05	-0.22774	0.000633465
chr7	900001	1000000	943	1148	950000	-0.35616	2.73E-07
chr7	950001	1050000	904	1154	1.00E+06	-0.42462	1.39E-09
chr7	1000001	1100000	942	1241	1050000	-0.47008	2.74E-11

chr7	1050001	1150000	1000	1215	1100000	-0.35333	3.34E-07
chr7	1200001	1300000	886	963	1250000	-0.1926	0.00317439
chr7	1250001	1350000	981	1156	1300000	-0.30919	6.49E-06
chr7	1300001	1400000	984	1161	1350000	-0.31101	5.78E-06
chr7	1350001	1450000	1021	1199	1400000	-0.30422	8.88E-06
chr7	1400001	1500000	1052	1317	1450000	-0.39649	1.33E-08
chr7	1450001	1550000	1054	1346	1500000	-0.42518	1.32E-09
chr7	1500001	1600000	992	1294	1550000	-0.4558	9.72E-11
chr7	1550001	1650000	959	1225	1600000	-0.42555	1.28E-09
chr7	1600001	1700000	994	1157	1650000	-0.29144	1.95E-05
chr7	1650001	1750000	1057	1205	1700000	-0.26143	0.000109844
chr7	1700001	1800000	1137	1248	1750000	-0.20676	0.001702933
chr7	1800001	1900000	743	822	1850000	-0.21815	0.001005288
chr7	1850001	1950000	789	975	1900000	-0.37775	5.61E-08
chr7	1900001	2000000	1025	1200	1950000	-0.29978	1.17E-05
chr7	1950001	2050000	1107	1249	2.00E+06	-0.24649	0.000244931
chr7	2000001	2100000	1076	1313	2050000	-0.35956	2.14E-07
chr7	2050001	2150000	1106	1361	2100000	-0.37169	8.82E-08
chr7	2100001	2200000	1102	1294	2150000	-0.30409	8.95E-06
chr7	2150001	2250000	1015	1113	2200000	-0.20535	0.001814965
chr7	2200001	2300000	1013	1101	2250000	-0.19255	0.003181016
chr7	2250001	2350000	942	1014	2300000	-0.17863	0.005666817
chr7	2450001	2550000	908	1034	2500000	-0.25984	0.000119828
chr7	2500001	2600000	953	1133	2550000	-0.32197	2.85E-06
chr7	2550001	2650000	927	1057	2600000	-0.26171	0.000108186
chr7	2600001	2700000	984	1224	2650000	-0.38725	2.73E-08
chr7	2650001	2750000	1001	1193	2700000	-0.32552	2.25E-06
chr7	2700001	2800000	906	988	2750000	-0.19737	0.002583739
chr7	3050001	3150000	903	943	3100000	-0.1349	0.027793065
chr7	3100001	3200000	891	923	3150000	-0.12328	0.040090668
chr7	3500001	3600000	1105	969	3550000	0.117106	0.04857432
chr7	4100001	4200000	1028	1073	4150000	-0.13418	0.028452052
chr7	4150001	4250000	1024	1158	4200000	-0.24979	0.000205858
chr7	4200001	4300000	1027	1085	4250000	-0.15163	0.015741882
chr7	4250001	4350000	957	1005	4300000	-0.14298	0.021254251
chr7	4500001	4600000	759	852	4550000	-0.23913	0.000358412
chr7	4550001	4650000	686	735	4600000	-0.17191	0.007397339
chr7	4750001	4850000	999	1076	4800000	-0.17949	0.005473097
chr7	4800001	4900000	1001	1106	4850000	-0.21628	0.00109773
chr7	5250001	5350000	585	641	5300000	-0.20426	0.001905683
chr7	5300001	5400000	556	628	5350000	-0.24805	0.000225658
chr7	5450001	5550000	857	970	5500000	-0.25106	0.000192446
chr7	5500001	5600000	828	915	5550000	-0.21651	0.001085853
chr7	5950001	6050000	149	126	6.00E+06	0.169517	0.008274492
chr7	6300001	6400000	760	646	6350000	0.162093	0.01094313
chr7	6350001	6450000	738	645	6400000	0.12195	0.042067692
chr7	6450001	6550000	791	825	6500000	-0.13309	0.029474824

chr7	6600001	6700000	861	960	6650000	-0.22939	0.000584025
chr7	6650001	6750000	909	1025	6700000	-0.24564	0.000256014
chr7	6700001	6800000	558	583	6750000	-0.1356	0.027167259
chr7	6800001	6900000	77	87	6850000	-0.24853	0.000220056
chr7	6900001	7000000	147	156	6950000	-0.1581	0.012468616
chr7	6950001	7050000	154	192	7.00E+06	-0.39055	2.12E-08
chr7	7800001	7900000	1019	886	7850000	0.129404	0.033454273
chr7	8000001	8100000	1059	902	8050000	0.159131	0.012201716
chr7	8150001	8250000	1010	1088	8200000	-0.1797	0.005428656
chr7	8200001	8300000	988	1026	8250000	-0.12682	0.03594536
chr7	8800001	8900000	1059	919	8850000	0.132194	0.030629814
chr7	9200001	9300000	1006	820	9250000	0.222563	0.000848746
chr7	9250001	9350000	1047	845	9300000	0.236866	0.0004223
chr7	9300001	9400000	1000	870	9350000	0.128541	0.034369937
chr7	9350001	9450000	944	807	9400000	0.153846	0.014761785
chr7	9400001	9500000	881	727	9450000	0.204815	0.001920457
chr7	9450001	9550000	857	738	9500000	0.143303	0.021276025
chr7	9650001	9750000	984	829	9700000	0.174914	0.006712039
chr7	9700001	9800000	937	800	9750000	0.155677	0.013826799
chr7	9900001	10000000	1052	900	9950000	0.152766	0.015338734
chr7	9950001	10050000	1059	928	1.00E+07	0.118134	0.047129718
chr7	10100001	10200000	1108	967	10150000	0.123998	0.039538017
chr7	10800001	10900000	940	808	10850000	0.145934	0.019456149
chr7	10850001	10950000	958	823	10900000	0.146761	0.01891177
chr7	11150001	11250000	1027	890	11200000	0.134187	0.028736089
chr7	11600001	11700000	1034	905	11650000	0.119875	0.044762894
chr7	11650001	11750000	1065	917	11700000	0.143488	0.021143214
chr7	11700001	11800000	1059	927	11750000	0.11969	0.045009988
chr7	11750001	11850000	1056	914	11800000	0.135972	0.02712417
chr7	11800001	11900000	1061	889	11850000	0.182798	0.004899525
chr7	11850001	11950000	1086	935	11900000	0.143614	0.021053328
chr7	12350001	12450000	1048	880	12400000	0.179692	0.005553637
chr7	12400001	12500000	1023	849	12450000	0.196598	0.00275109
chr7	12550001	12650000	977	855	12600000	0.120062	0.044513569
chr7	12850001	12950000	956	827	12900000	0.136752	0.0264443
chr7	12900001	13000000	1008	818	12950000	0.228951	0.000624153
chr7	12950001	13050000	998	830	1.30E+07	0.193557	0.00313315
chr7	13100001	13200000	854	747	13150000	0.120756	0.043601641
chr7	13150001	13250000	925	810	13200000	0.11916	0.045723278
chr7	13350001	13450000	991	853	13400000	0.143968	0.020802972
chr7	13650001	13750000	976	844	13700000	0.137266	0.026003143
chr7	13800001	13900000	876	768	13850000	0.117453	0.048083151
chr7	13850001	13950000	996	856	13900000	0.146163	0.019303908
chr7	13900001	14000000	1028	887	13950000	0.140462	0.02340066
chr7	14350001	14450000	957	827	14400000	0.13826	0.025169363
chr7	14400001	14500000	1060	887	14450000	0.184686	0.004536273
chr7	14450001	14550000	1022	854	14500000	0.186715	0.004173139

chr7	14650001	14750000	937	811	14700000	0.135975	0.027121201
chr7	14700001	14800000	1002	866	14750000	0.138072	0.025325414
chr7	14950001	15050000	1051	913	1.50E+07	0.130704	0.03211223
chr7	15000001	15100000	1040	875	15050000	0.176857	0.006217396
chr7	15200001	15300000	1128	910	15250000	0.237457	0.000409992
chr7	15250001	15350000	1078	900	15300000	0.187989	0.003958836
chr7	15300001	15400000	1018	851	15350000	0.186135	0.004274306
chr7	15350001	15450000	984	813	15400000	0.203031	0.00207838
chr7	15600001	15700000	1064	896	15650000	0.175556	0.006544999
chr7	15800001	15900000	1046	904	15850000	0.138116	0.025288327
chr7	15850001	15950000	1088	918	15900000	0.172741	0.0073067
chr7	16450001	16550000	1109	939	16500000	0.167691	0.008871444
chr7	17050001	17150000	1009	874	17100000	0.134849	0.028129087
chr7	17100001	17200000	1078	933	17150000	0.136036	0.02706743
chr7	17300001	17400000	1027	858	17350000	0.187015	0.004121821
chr7	17500001	17600000	1086	947	17550000	0.125216	0.038094049
chr7	17550001	17650000	1019	894	17600000	0.116436	0.049535442
chr7	18000001	18100000	856	884	18050000	-0.11881	0.045867527
chr7	18400001	18500000	1073	932	18450000	0.130876	0.031937802
chr7	18550001	18650000	1103	922	18600000	0.186222	0.004258904
chr7	18850001	18950000	1096	959	18900000	0.120273	0.044234652
chr7	18950001	19050000	986	863	1.90E+07	0.119855	0.044788736
chr7	19000001	19100000	882	759	19050000	0.144307	0.020564939
chr7	19200001	19300000	880	695	19250000	0.268119	8.12E-05
chr7	19250001	19350000	994	803	19300000	0.235474	0.000452699
chr7	19300001	19400000	1082	937	19350000	0.135208	0.02780484
chr7	19350001	19450000	1107	965	19400000	0.125683	0.037552305
chr7	19850001	19950000	842	737	19900000	0.119784	0.044884039
chr7	20250001	20350000	1032	885	20300000	0.149322	0.01730951
chr7	20300001	20400000	1066	907	20350000	0.160661	0.011536818
chr7	20750001	20850000	832	888	20800000	-0.16635	0.00916533
chr7	20900001	21000000	907	786	20950000	0.134201	0.028722865
chr7	21250001	21350000	1012	881	21300000	0.127624	0.035366095
chr7	21300001	21400000	1006	856	21350000	0.160576	0.011573078
chr7	21350001	21450000	979	842	21400000	0.145117	0.020006383
chr7	21400001	21500000	997	867	21450000	0.12919	0.033679429
chr7	22050001	22150000	988	1022	22100000	-0.12118	0.042717428
chr7	22500001	22600000	547	578	22550000	-0.1519	0.015591926
chr7	22650001	22750000	1067	928	22700000	0.128992	0.033888975
chr7	22850001	22950000	977	832	22900000	0.159403	0.012081206
chr7	23300001	23400000	941	815	23350000	0.135023	0.027971639
chr7	23950001	24050000	861	890	2.40E+07	-0.12016	0.044047401
chr7	24450001	24550000	1056	915	24500000	0.134394	0.02854491
chr7	24700001	24800000	991	1037	24750000	-0.13783	0.02525049
chr7	26150001	26250000	856	888	26200000	-0.12532	0.037654219
chr7	26600001	26700000	1021	1118	26650000	-0.20331	0.001988433
chr7	26850001	26950000	936	815	26900000	0.127337	0.03568248

chr7	26900001	27000000	957	806	26950000	0.175367	0.006593692
chr7	26950001	27050000	864	731	2.70E+07	0.168788	0.008508294
chr7	27050001	27150000	845	913	27100000	-0.18404	0.004547391
chr7	27100001	27200000	1063	1146	27150000	-0.18084	0.005183089
chr7	27150001	27250000	1079	1172	27200000	-0.19165	0.003305822
chr7	27200001	27300000	1041	1112	27250000	-0.16756	0.008751544
chr7	27750001	27850000	1001	869	27800000	0.131642	0.031172194
chr7	27800001	27900000	1018	861	27850000	0.169281	0.008349643
chr7	28700001	28800000	1020	894	28750000	0.117851	0.04752453
chr7	28850001	28950000	1073	941	28900000	0.117012	0.048708658
chr7	29200001	29300000	1032	885	29250000	0.149322	0.01730951
chr7	29700001	29800000	350	297	29750000	0.16452	0.009997994
chr7	29750001	29850000	646	667	29800000	-0.11852	0.046254745
chr7	29800001	29900000	909	983	29850000	-0.18528	0.004318959
chr7	30100001	30200000	957	999	30150000	-0.13434	0.028308622
chr7	30150001	30250000	1028	1091	30200000	-0.15818	0.012431721
chr7	30800001	30900000	1040	1072	30850000	-0.11609	0.04969099
chr7	30850001	30950000	1084	1217	30900000	-0.23934	0.000354574
chr7	30900001	31000000	1141	1225	30950000	-0.17485	0.006588216
chr7	30950001	31050000	1102	1158	3.10E+07	-0.14388	0.020609046
chr7	31000001	31100000	1075	1237	31050000	-0.27488	5.16E-05
chr7	31050001	31150000	1128	1304	31100000	-0.28155	3.50E-05
chr7	31100001	31200000	1041	1125	31150000	-0.18433	0.004493087
chr7	31500001	31600000	980	858	31550000	0.119432	0.045355137
chr7	32100001	32200000	937	966	32150000	-0.11635	0.049324493
chr7	32150001	32250000	949	999	32200000	-0.14645	0.018872191
chr7	32550001	32650000	876	734	32600000	0.182779	0.004903212
chr7	32750001	32850000	349	301	32800000	0.141092	0.022915053
chr7	33250001	33350000	973	849	33300000	0.124303	0.039172013
chr7	33550001	33650000	971	822	33600000	0.167961	0.008780671
chr7	33600001	33700000	1044	905	33650000	0.13376	0.029133285
chr7	33700001	33800000	1028	1064	33750000	-0.12203	0.041639799
chr7	34400001	34500000	968	844	34450000	0.125392	0.037888638
chr7	34450001	34550000	936	813	34500000	0.130881	0.031932791
chr7	34500001	34600000	955	803	34550000	0.177729	0.006006038
chr7	34550001	34650000	928	804	34600000	0.134558	0.028395187
chr7	34900001	35000000	473	503	34950000	-0.16109	0.011168165
chr7	35650001	35750000	899	771	35700000	0.149218	0.017371859
chr7	35850001	35950000	825	705	35900000	0.154399	0.014473956
chr7	35950001	36050000	520	450	3.60E+07	0.136215	0.026910807
chr7	38250001	38350000	732	794	38300000	-0.18967	0.003595553
chr7	38300001	38400000	747	774	38350000	-0.1236	0.039700768
chr7	38450001	38550000	1123	977	38500000	0.128556	0.034354093
chr7	39050001	39150000	1015	874	39100000	0.143403	0.021204193
chr7	39750001	39850000	533	570	39800000	-0.1692	0.008217308
chr7	39900001	40000000	710	752	39950000	-0.15529	0.013812504
chr7	40000001	40100000	873	722	40050000	0.201611	0.002212472

chr7	40050001	40150000	890	760	40100000	0.155434	0.013947933
chr7	40450001	40550000	987	1020	40500000	-0.11982	0.044504594
chr7	40500001	40600000	1024	1076	40550000	-0.14383	0.020643263
chr7	40800001	40900000	1094	937	40850000	0.15112	0.016255066
chr7	41100001	41200000	1129	983	41150000	0.12741	0.03560099
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chr7	42200001	42300000	1049	904	42250000	0.142248	0.02204486
chr7	42250001	42350000	1111	970	42300000	0.12343	0.040226596
chr7	42600001	42700000	1027	888	42650000	0.137433	0.025861848
chr7	43300001	43400000	972	1004	43350000	-0.1191	0.045465993
chr7	43450001	43550000	977	1025	43500000	-0.14157	0.02229291
chr7	44000001	44100000	251	304	44050000	-0.34876	4.61E-07
chr7	44050001	44150000	753	799	44100000	-0.15792	0.012552927
chr7	44100001	44200000	1061	1110	44150000	-0.13751	0.02552187
chr7	44150001	44250000	1020	1099	44200000	-0.17999	0.005363396
chr7	44200001	44300000	1086	1155	44250000	-0.16124	0.011105906
chr7	44250001	44350000	1189	1233	44300000	-0.1248	0.038268013
chr7	44350001	44450000	1049	1126	44400000	-0.17456	0.006664407
chr7	44400001	44500000	964	1067	44450000	-0.21883	0.000973482
chr7	44450001	44550000	908	955	44500000	-0.14518	0.019714458
chr7	44650001	44750000	913	947	44700000	-0.12512	0.037886379
chr7	44700001	44800000	859	887	44750000	-0.11865	0.046085597
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chr7	44850001	44950000	775	816	44900000	-0.14674	0.018679913
chr7	45050001	45150000	984	1043	45100000	-0.15638	0.013275639
chr7	45100001	45200000	1067	1142	45150000	-0.17037	0.007852011
chr7	45150001	45250000	1084	1138	45200000	-0.14251	0.021594692
chr7	45200001	45300000	1079	1122	45250000	-0.12875	0.033839301
chr7	45550001	45650000	1025	1073	45600000	-0.1384	0.024781085
chr7	45600001	45700000	1061	1152	45650000	-0.19109	0.003385694
chr7	45650001	45750000	1028	1101	45700000	-0.17135	0.007561071
chr7	45800001	45900000	103	109	45850000	-0.15406	0.014437587
chr7	46250001	46350000	1123	978	46300000	0.12708	0.035967774
chr7	46600001	46700000	941	982	46650000	-0.1339	0.028712509
chr7	46950001	47050000	1073	909	4.70E+07	0.166926	0.009132347
chr7	47200001	47300000	986	1055	47250000	-0.16996	0.007980487
chr7	47250001	47350000	1057	1102	47300000	-0.13252	0.030017695
chr7	47300001	47400000	1036	1145	47350000	-0.2167	0.00107657
chr7	47350001	47450000	1047	1165	47400000	-0.22644	0.000675012
chr7	47700001	47800000	903	960	47750000	-0.16068	0.011339198
chr7	47950001	48050000	946	982	4.80E+07	-0.12625	0.036581806
chr7	48000001	48100000	1000	1034	48050000	-0.12061	0.043464387
chr7	48150001	48250000	895	923	48200000	-0.11681	0.048650445
chr7	48400001	48500000	1110	959	48450000	0.138585	0.02490123
chr7	49200001	49300000	1035	890	49250000	0.145382	0.019826509
chr7	49250001	49350000	1037	869	49300000	0.182616	0.004935767
chr7	49300001	49400000	1057	883	49350000	0.187118	0.00410423

chr7	49350001	49450000	1113	909	49400000	0.21973	0.000970482
chr7	49400001	49500000	1060	902	49450000	0.160493	0.011608285
chr7	49800001	49900000	1028	1072	49850000	-0.13284	0.029714631
chr7	49950001	50050000	941	970	5.00E+07	-0.11616	0.04959124
chr7	50300001	50400000	818	706	50350000	0.140061	0.023715079
chr7	50450001	50550000	1058	1103	50500000	-0.13246	0.0300714
chr7	50850001	50950000	1046	1103	50900000	-0.14892	0.017317519
chr7	50950001	51050000	971	834	5.10E+07	0.147052	0.01872371
chr7	51050001	51150000	1069	1123	51100000	-0.14347	0.020902344
chr7	51450001	51550000	573	596	51500000	-0.12915	0.033416452
chr7	51500001	51600000	879	968	51550000	-0.21152	0.00137025
chr7	52100001	52200000	1042	872	52150000	0.184583	0.004555444
chr7	52550001	52650000	1043	881	52600000	0.171153	0.007769908
chr7	52600001	52700000	1034	891	52650000	0.142367	0.021957038
chr7	52700001	52800000	1014	887	52750000	0.12068	0.043701048
chr7	52750001	52850000	1093	946	52800000	0.13601	0.02709109
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chr7	52850001	52950000	1076	925	52900000	0.145781	0.01955799
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chr7	53000001	53100000	943	826	53050000	0.118744	0.046288901
chr7	53650001	53750000	1059	926	53700000	0.121247	0.042965791
chr7	53700001	53800000	1065	874	53750000	0.212776	0.001340518
chr7	53750001	53850000	1080	873	53800000	0.234606	0.00047267
chr7	53800001	53900000	1018	878	53850000	0.141073	0.022929461
chr7	54350001	54450000	921	799	54400000	0.132634	0.030203231
chr7	54400001	54500000	1053	880	54450000	0.186558	0.004200314
chr7	54450001	54550000	955	813	54500000	0.159874	0.011875098
chr7	54950001	55050000	973	853	5.50E+07	0.117522	0.047985183
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chr7	55250001	55350000	1007	1061	55300000	-0.14773	0.018050619
chr7	56350001	56450000	289	322	56400000	-0.22836	0.000614388
chr7	56400001	56500000	118	154	56450000	-0.45652	9.13E-11
chr7	56850001	56950000	52	39	56900000	0.342666	8.12E-07
chr7	56900001	57000000	30	25	56950000	0.190663	0.003540577
chr7	57000001	57100000	15	12	57050000	0.249556	0.000220671
chr7	57350001	57450000	766	812	57400000	-0.15651	0.013214863
chr7	57450001	57550000	757	790	57500000	-0.13393	0.028683683
chr7	57500001	57600000	675	775	57550000	-0.27168	6.19E-05
chr7	57550001	57650000	559	580	57600000	-0.12558	0.037358044
chr7	58050001	58150000	29	36	58100000	-0.38432	3.42E-08
chr7	61200001	61300000	21	24	61250000	-0.26502	9.01E-05
chr7	61250001	61350000	4	6	61300000	-0.65733	1.11E-19
chr7	61300001	61400000	3	5	61350000	-0.80934	7.76E-28
chr7	61400001	61500000	5	3	61450000	0.664594	1.17E-19
chr7	61450001	61550000	409	436	61500000	-0.1646	0.009793402
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chr7	61600001	61700000	28	24	61650000	0.150021	0.016892961

chr7	61700001	61800000	1024	1070	61750000	-0.13577	0.027021864
chr7	61750001	61850000	996	1051	61800000	-0.14992	0.016723706
chr7	62250001	62350000	787	687	62300000	0.123682	0.039920622
chr7	62550001	62650000	630	669	62600000	-0.15903	0.01205292
chr7	62600001	62700000	529	555	62650000	-0.14159	0.022272938
chr7	62700001	62800000	69	53	62750000	0.308232	7.66E-06
chr7	62750001	62850000	158	166	62800000	-0.14363	0.02078699
chr7	62800001	62900000	154	165	62850000	-0.17191	0.007397339
chr7	62850001	62950000	43	31	62900000	0.399697	1.29E-08
chr7	62900001	63000000	78	61	62950000	0.282293	3.64E-05
chr7	63000001	63100000	29	32	63050000	-0.21439	0.001199247
chr7	63050001	63150000	20	16	63100000	0.249556	0.000220671
chr7	63100001	63200000	35	21	63150000	0.664594	1.17E-19
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chr7	63200001	63300000	113	121	63250000	-0.17106	0.007646864
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chr7	63300001	63400000	641	663	63350000	-0.12106	0.042882154
chr7	63450001	63550000	664	536	63500000	0.236578	0.000428427
chr7	64400001	64500000	628	655	64450000	-0.1331	0.029461611
chr7	64450001	64550000	318	353	64500000	-0.22301	0.000796981
chr7	64500001	64600000	109	115	64550000	-0.14968	0.016864887
chr7	64550001	64650000	42	33	64600000	0.275552	5.35E-05
chr7	64600001	64700000	183	190	64650000	-0.12653	0.036273189
chr7	64700001	64800000	851	742	64750000	0.125368	0.037916671
chr7	64750001	64850000	811	705	64800000	0.129707	0.033137294
chr7	64800001	64900000	802	682	64850000	0.161459	0.011202868
chr7	64950001	65050000	143	164	6.50E+07	-0.27005	6.79E-05
chr7	65000001	65100000	88	99	65050000	-0.2423	0.000304577
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chr7	65300001	65400000	509	542	65350000	-0.163	0.010400743
chr7	65650001	65750000	941	822	65700000	0.122685	0.041145703
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chr7	66150001	66250000	632	699	66200000	-0.21774	0.001024871
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chr7	66500001	66600000	222	231	66550000	-0.1297	0.032835067
chr7	66550001	66650000	190	200	66600000	-0.14637	0.018921795
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chr7	67050001	67150000	966	1002	67100000	-0.12516	0.037842203
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chr7	67500001	67600000	919	803	67550000	0.122293	0.041634898
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chr7	69500001	69600000	981	839	69550000	0.153211	0.015099036
chr7	69850001	69950000	1025	1092	69900000	-0.16372	0.010122831
chr7	70750001	70850000	911	954	70800000	-0.13891	0.024363673
chr7	71050001	71150000	949	979	71100000	-0.11727	0.047999379
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chr7	71300001	71400000	971	831	71350000	0.152251	0.015620515
chr7	71900001	72000000	875	714	71950000	0.220987	0.000914586
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chr7	72400001	72500000	27	34	72450000	-0.40495	6.85E-09
chr7	72450001	72550000	4	6	72500000	-0.65733	1.11E-19
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chr7	72550001	72650000	3	4	72600000	-0.48741	5.63E-12
chr7	72600001	72700000	27	15	72650000	0.775625	2.34E-25
chr7	72650001	72750000	207	216	72700000	-0.13377	0.028831366
chr7	72700001	72800000	566	607	72750000	-0.17327	0.007013994
chr7	72750001	72850000	680	743	72800000	-0.2002	0.002282578
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chr7	73000001	73100000	857	927	73050000	-0.18565	0.004254452
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chr7	73100001	73200000	826	912	73150000	-0.21526	0.001151338
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chr7	73600001	73700000	748	786	73650000	-0.14386	0.020623093
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chr7	74200001	74300000	22	16	74250000	0.38706	3.38E-08
chr7	74300001	74400000	37	55	74350000	-0.64428	4.96E-19
chr7	74350001	74450000	12	21	74400000	-0.87973	6.33E-32
chr7	74400001	74500000	80	91	74450000	-0.25824	0.000130802

chr7	74450001	74550000	93	100	74500000	-0.17707	0.00603293
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chr7	74850001	74950000	3	1	74900000	1.512591	1.57E-69
chr7	74900001	75000000	5	2	74950000	1.249556	2.09E-53
chr7	74950001	75050000	10	13	7.50E+07	-0.45088	1.49E-10
chr7	75000001	75100000	80	93	75050000	-0.2896	2.17E-05
chr7	75050001	75150000	99	106	75100000	-0.17094	0.007682756
chr7	75200001	75300000	832	902	75250000	-0.18892	0.003711223
chr7	75250001	75350000	824	875	75300000	-0.15901	0.012059879
chr7	75400001	75500000	686	719	75450000	-0.14015	0.023373405
chr7	75550001	75650000	885	920	75600000	-0.12833	0.034290243
chr7	75600001	75700000	882	982	75650000	-0.22732	0.00064674
chr7	75650001	75750000	693	777	75700000	-0.23743	0.000390684
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chr7	78700001	78800000	1007	797	78750000	0.26504	9.63E-05
chr7	78750001	78850000	971	809	78800000	0.19096	0.003496643
chr7	78850001	78950000	999	868	78900000	0.130418	0.032403759
chr7	78900001	79000000	1068	904	78950000	0.168145	0.008719393
chr7	78950001	79050000	1033	905	7.90E+07	0.118479	0.046653206
chr7	79000001	79100000	1022	866	79050000	0.166584	0.009251104
chr7	79150001	79250000	1130	922	79200000	0.221112	0.000909188
chr7	79200001	79300000	1076	896	79250000	0.191736	0.003384254
chr7	79300001	79400000	984	837	79350000	0.161059	0.011369212
chr7	79350001	79450000	958	826	79400000	0.141512	0.02259547
chr7	79650001	79750000	1024	898	79700000	0.117057	0.048644667
chr7	79900001	80000000	962	999	79950000	-0.12682	0.03594536

chr7	80200001	80300000	1066	914	80250000	0.14957	0.01716083
chr7	80250001	80350000	961	784	80300000	0.221311	0.000900681
chr7	80400001	80500000	1030	857	80450000	0.192905	0.00322095
chr7	80650001	80750000	920	778	80700000	0.169492	0.008282384
chr7	80700001	80800000	991	847	80750000	0.154151	0.014602389
chr7	80950001	81050000	1072	876	8.10E+07	0.21893	0.001007626
chr7	81000001	81100000	972	845	81050000	0.129633	0.033214096
chr7	81250001	81350000	1097	936	81300000	0.156611	0.013369863
chr7	81350001	81450000	1059	872	81400000	0.207931	0.001670599
chr7	81400001	81500000	1012	864	81450000	0.155734	0.013798519
chr7	81600001	81700000	1091	907	81650000	0.194105	0.00306093
chr7	81650001	81750000	1089	915	81700000	0.178789	0.005757875
chr7	81700001	81800000	1054	868	81750000	0.207736	0.00168529
chr7	81750001	81850000	1078	906	81800000	0.178402	0.005847223
chr7	81800001	81900000	1052	922	81850000	0.117924	0.047421718
chr7	82050001	82150000	996	795	82100000	0.252819	0.000185914
chr7	82100001	82200000	948	798	82150000	0.176127	0.006399436
chr7	82150001	82250000	909	780	82200000	0.148434	0.017851163
chr7	82550001	82650000	1067	932	82600000	0.122787	0.041019023
chr7	82600001	82700000	1013	884	82650000	0.124144	0.039362787
chr7	82950001	83050000	1055	913	8.30E+07	0.136184	0.026937428
chr7	83000001	83100000	987	848	83050000	0.146614	0.019007749
chr7	83050001	83150000	939	812	83100000	0.137274	0.025996948
chr7	83100001	83200000	1043	871	83150000	0.187623	0.004019367
chr7	83150001	83250000	1045	889	83200000	0.160876	0.011446099
chr7	83200001	83300000	968	846	83250000	0.121978	0.042032592
chr7	83300001	83400000	906	795	83350000	0.116184	0.049899322
chr7	83350001	83450000	981	848	83400000	0.137817	0.025538113
chr7	83700001	83800000	997	820	83750000	0.209598	0.001549474
chr7	83750001	83850000	1003	862	83800000	0.14619	0.019286138
chr7	83800001	83900000	1000	874	83850000	0.121923	0.042101691
chr7	83850001	83950000	1017	875	83900000	0.144593	0.020366198
chr7	83900001	84000000	1039	847	83950000	0.22239	0.000855744
chr7	83950001	84050000	992	797	8.40E+07	0.243389	0.000303572
chr7	84000001	84100000	933	808	84050000	0.13515	0.027856859
chr7	84050001	84150000	943	816	84100000	0.136317	0.026821618
chr7	84100001	84200000	1007	871	84150000	0.136947	0.02627582
chr7	84450001	84550000	989	846	84500000	0.152941	0.01524395
chr7	84500001	84600000	1007	855	84550000	0.163696	0.010310817
chr7	84650001	84750000	1110	958	84700000	0.14009	0.023691896
chr7	84700001	84800000	1088	930	84750000	0.154004	0.014679131
chr7	84750001	84850000	1090	916	84800000	0.178537	0.005815979
chr7	84900001	85000000	1025	883	84950000	0.142767	0.021663841
chr7	84950001	85050000	994	853	8.50E+07	0.148328	0.017916857
chr7	85000001	85100000	1036	876	85050000	0.169649	0.008232552
chr7	85050001	85150000	1046	907	85100000	0.133337	0.029531919
chr7	85200001	85300000	1027	880	85250000	0.150489	0.016618636

chr7	85250001	85350000	994	840	85300000	0.170485	0.007972696
chr7	85300001	85400000	980	850	85350000	0.132947	0.029902435
chr7	85700001	85800000	1015	850	85750000	0.183573	0.004747327
chr7	85750001	85850000	938	748	85800000	0.254178	0.000173013
chr7	85950001	86050000	879	769	8.60E+07	0.120508	0.043926252
chr7	86000001	86100000	952	793	86050000	0.191269	0.003451467
chr7	86050001	86150000	1015	871	86100000	0.148363	0.017895159
chr7	86300001	86400000	1155	947	86350000	0.214085	0.001262283
chr7	86650001	86750000	908	795	86700000	0.119366	0.04544493
chr7	87350001	87450000	889	773	87400000	0.129343	0.033517759
chr7	88250001	88350000	979	851	88300000	0.129778	0.033063356
chr7	88300001	88400000	1045	826	88350000	0.266917	8.68E-05
chr7	88350001	88450000	1042	904	88400000	0.132589	0.030246699
chr7	88800001	88900000	992	860	88850000	0.133632	0.02925378
chr7	88850001	88950000	1006	880	88900000	0.120683	0.043696825
chr7	89050001	89150000	926	957	89100000	-0.11988	0.044425366
chr7	89250001	89350000	963	795	89300000	0.204209	0.001972815
chr7	89300001	89400000	987	825	89350000	0.186284	0.004248063
chr7	89350001	89450000	999	840	89400000	0.177724	0.006007325
chr7	89450001	89550000	847	879	89500000	-0.12587	0.037016961
chr7	89550001	89650000	985	863	89600000	0.118391	0.046773655
chr7	89850001	89950000	1049	908	89900000	0.135879	0.027206505
chr7	90050001	90150000	979	854	90100000	0.124701	0.038699374
chr7	90600001	90700000	915	960	90650000	-0.14163	0.022240981
chr7	91100001	91200000	898	775	91150000	0.140147	0.023647076
chr7	91150001	91250000	932	776	91200000	0.191902	0.003360654
chr7	91500001	91600000	950	828	91550000	0.125925	0.037273404
chr7	91550001	91650000	970	840	91600000	0.135224	0.027790558
chr7	91900001	92000000	967	842	91950000	0.127324	0.035696666
chr7	92500001	92600000	934	807	92550000	0.138482	0.024985917
chr7	92550001	92650000	1021	873	92600000	0.153558	0.014914187
chr7	92600001	92700000	1035	870	92650000	0.178172	0.005901213
chr7	92650001	92750000	920	784	92700000	0.158408	0.012527421
chr7	92750001	92850000	1006	866	92800000	0.14382	0.020907442
chr7	92850001	92950000	1069	928	92900000	0.131693	0.031121497
chr7	93550001	93650000	1101	958	93600000	0.128345	0.034580583
chr7	93700001	93800000	1080	936	93750000	0.134079	0.028836197
chr7	93750001	93850000	1047	891	93800000	0.160392	0.011651346
chr7	93800001	93900000	1014	879	93850000	0.133751	0.029142113
chr7	94450001	94550000	1006	877	94500000	0.12561	0.037636431
chr7	94500001	94600000	1002	869	94550000	0.133083	0.029773081
chr7	94550001	94650000	976	840	94600000	0.14412	0.020695745
chr7	94600001	94700000	955	796	94650000	0.190361	0.003585747
chr7	94650001	94750000	941	768	94700000	0.220717	0.000926354
chr7	94700001	94800000	953	802	94750000	0.176502	0.006305211
chr7	94750001	94850000	910	780	94800000	0.150021	0.016892961
chr7	94800001	94900000	953	809	94850000	0.163965	0.010207786

chr7	94850001	94950000	1075	922	94900000	0.149126	0.017427673
chr7	95900001	96000000	893	935	95950000	-0.13868	0.024552075
chr7	96100001	96200000	929	997	96150000	-0.17429	0.006737769
chr7	96850001	96950000	950	809	96900000	0.159416	0.012075566
chr7	97250001	97350000	991	799	97300000	0.238318	0.000392643
chr7	97300001	97400000	907	769	97350000	0.165747	0.009547938
chr7	97500001	97600000	185	195	97550000	-0.14832	0.017684891
chr7	97550001	97650000	280	302	97600000	-0.18149	0.005046518
chr7	97800001	97900000	948	986	97850000	-0.12907	0.033497218
chr7	99150001	99250000	907	972	99200000	-0.17223	0.007305976
chr7	99200001	99300000	808	846	99250000	-0.13867	0.024555187
chr7	99500001	99600000	863	908	99550000	-0.1457	0.019363098
chr7	99650001	99750000	847	890	99700000	-0.14382	0.020656632
chr7	99700001	99800000	798	870	99750000	-0.197	0.002626086
chr7	99750001	99850000	689	729	99800000	-0.15379	0.014577501
chr7	99800001	99900000	391	413	99850000	-0.15134	0.01590202
chr7	99900001	1E+08	555	594	99950000	-0.17035	0.00786033
chr7	1E+08	1E+08	916	958	100050000	-0.13705	0.025908885
chr7	1E+08	1E+08	815	858	100100000	-0.14655	0.018806451
chr7	1E+08	1E+08	839	887	100300000	-0.15264	0.015189823
chr7	1E+08	1.01E+08	852	996	100450000	-0.29766	1.33E-05
chr7	1E+08	1.01E+08	830	961	100500000	-0.2838	3.07E-05
chr7	1.01E+08	1.01E+08	468	508	100550000	-0.19069	0.003443065
chr7	1.01E+08	1.01E+08	458	507	100600000	-0.21901	0.000965068
chr7	1.01E+08	1.01E+08	782	855	100650000	-0.20113	0.00219088
chr7	1.01E+08	1.01E+08	904	950	100800000	-0.14398	0.020543295
chr7	1.01E+08	1.01E+08	871	1012	100850000	-0.28884	2.28E-05
chr7	1.01E+08	1.01E+08	753	814	100900000	-0.18475	0.004415113
chr7	1.01E+08	1.01E+08	896	971	101150000	-0.18834	0.003801396
chr7	1.01E+08	1.01E+08	1005	1088	101200000	-0.18685	0.00404581
chr7	1.01E+08	1.02E+08	906	969	101500000	-0.16936	0.008166991
chr7	1.02E+08	1.02E+08	846	913	101800000	-0.18233	0.004877309
chr7	1.02E+08	1.02E+08	915	958	101850000	-0.13863	0.024594693
chr7	1.02E+08	1.02E+08	963	1004	101900000	-0.13252	0.030015075
chr7	1.02E+08	1.02E+08	670	757	101950000	-0.2485	0.000220344
chr7	1.02E+08	1.02E+08	427	464	1.02E+08	-0.19226	0.003220858
chr7	1.02E+08	1.02E+08	698	732	102050000	-0.14099	0.022729647
chr7	1.02E+08	1.02E+08	571	662	102100000	-0.28571	2.74E-05
chr7	1.02E+08	1.02E+08	132	193	102150000	-0.62043	7.22E-18
chr7	1.02E+08	1.02E+08	7	14	102200000	-1.07237	8.26E-44
chr7	1.02E+08	1.02E+08	7	11	102250000	-0.72445	3.73E-23
chr7	1.02E+08	1.02E+08	130	107	102400000	0.208529	0.001626167
chr7	1.03E+08	1.03E+08	491	396	102800000	0.237851	0.000401966
chr7	1.03E+08	1.03E+08	104	118	102850000	-0.25458	0.000159479
chr7	1.03E+08	1.03E+08	892	940	1.03E+08	-0.14799	0.017890525
chr7	1.03E+08	1.03E+08	782	872	103100000	-0.22953	0.000580053
chr7	1.03E+08	1.03E+08	877	931	103150000	-0.15858	0.012253755

chr7	1.04E+08	1.04E+08	1111	961	103650000	0.136879	0.026334736
chr7	1.04E+08	1.05E+08	918	961	104500000	-0.13841	0.024767861
chr7	1.05E+08	1.05E+08	853	893	104550000	-0.13849	0.024708705
chr7	1.05E+08	1.05E+08	868	750	105200000	0.138433	0.025026613
chr7	1.05E+08	1.05E+08	940	811	105250000	0.140587	0.023303836
chr7	1.05E+08	1.06E+08	1045	1090	105450000	-0.1332	0.029371729
chr7	1.06E+08	1.06E+08	979	1036	105600000	-0.15402	0.014458611
chr7	1.06E+08	1.06E+08	1057	1095	105650000	-0.12333	0.040029223
chr7	1.06E+08	1.06E+08	979	845	106100000	0.139986	0.023774303
chr7	1.07E+08	1.07E+08	1046	888	106950000	0.163879	0.010240318
chr7	1.07E+08	1.07E+08	959	838	1.07E+08	0.122209	0.041740865
chr7	1.07E+08	1.08E+08	993	862	107450000	0.131734	0.031081279
chr7	1.07E+08	1.08E+08	998	853	107500000	0.154122	0.014617493
chr7	1.08E+08	1.08E+08	1003	865	107650000	0.141178	0.022849342
chr7	1.08E+08	1.08E+08	1031	881	107700000	0.154459	0.014443236
chr7	1.08E+08	1.08E+08	940	811	107950000	0.140587	0.023303836
chr7	1.09E+08	1.09E+08	995	859	108650000	0.139667	0.024027219
chr7	1.09E+08	1.09E+08	974	847	108950000	0.129188	0.033681232
chr7	1.09E+08	1.09E+08	1008	873	109100000	0.13507	0.027928781
chr7	1.09E+08	1.09E+08	1050	918	109150000	0.121451	0.042702652
chr7	1.1E+08	1.1E+08	930	780	109550000	0.181385	0.00518798
chr7	1.1E+08	1.1E+08	987	837	109600000	0.165451	0.009655033
chr7	1.1E+08	1.1E+08	1005	881	109650000	0.11761	0.047862059
chr7	1.1E+08	1.1E+08	1025	885	109850000	0.139503	0.024157951
chr7	1.1E+08	1.1E+08	977	843	1.10E+08	0.140454	0.023407141
chr7	1.1E+08	1.1E+08	1041	894	110050000	0.147252	0.018595621
chr7	1.1E+08	1.1E+08	974	851	110100000	0.122391	0.04151228
chr7	1.11E+08	1.11E+08	1024	893	110850000	0.125112	0.038215826
chr7	1.11E+08	1.11E+08	964	803	111050000	0.191261	0.003452564
chr7	1.11E+08	1.11E+08	884	914	111150000	-0.12052	0.043579928
chr7	1.12E+08	1.12E+08	1112	923	111750000	0.196382	0.002776699
chr7	1.12E+08	1.12E+08	921	807	112300000	0.118261	0.046954237
chr7	1.12E+08	1.13E+08	989	859	112450000	0.130941	0.031873041
chr7	1.13E+08	1.13E+08	1020	889	112750000	0.125942	0.037253811
chr7	1.13E+08	1.13E+08	979	829	1.13E+08	0.167565	0.008913838
chr7	1.13E+08	1.13E+08	1047	863	113050000	0.206457	0.001784806
chr7	1.13E+08	1.14E+08	951	830	113500000	0.123962	0.039581477
chr7	1.14E+08	1.14E+08	971	833	113550000	0.148783	0.017636669
chr7	1.14E+08	1.14E+08	977	828	1.14E+08	0.166356	0.009331284
chr7	1.14E+08	1.14E+08	983	809	114050000	0.20868	0.001615133
chr7	1.14E+08	1.14E+08	959	840	114100000	0.11877	0.046254026
chr7	1.14E+08	1.14E+08	1071	845	114200000	0.269563	7.49E-05
chr7	1.14E+08	1.14E+08	1102	919	114250000	0.189616	0.00369934
chr7	1.14E+08	1.14E+08	1075	929	114300000	0.138214	0.025207001
chr7	1.14E+08	1.14E+08	1041	912	114350000	0.118493	0.046634233
chr7	1.14E+08	1.15E+08	1066	876	114450000	0.210833	0.001464977
chr7	1.14E+08	1.15E+08	1052	850	114500000	0.235228	0.000458275

chr7	1.15E+08	1.15E+08	1002	856	114650000	0.154828	0.014253918
chr7	1.15E+08	1.15E+08	1033	888	114900000	0.145837	0.019520668
chr7	1.15E+08	1.15E+08	1039	899	114950000	0.136431	0.026722213
chr7	1.15E+08	1.15E+08	1048	914	1.15E+08	0.125001	0.038345964
chr7	1.15E+08	1.15E+08	1092	918	115100000	0.178035	0.005933397
chr7	1.15E+08	1.16E+08	1002	850	115500000	0.164976	0.009828691
chr7	1.16E+08	1.16E+08	1004	796	115550000	0.262547	0.000110318
chr7	1.16E+08	1.16E+08	977	748	115600000	0.312949	5.70E-06
chr7	1.16E+08	1.16E+08	992	860	115750000	0.133632	0.02925378
chr7	1.16E+08	1.16E+08	1039	894	116150000	0.144477	0.020446501
chr7	1.16E+08	1.16E+08	1117	964	116200000	0.140152	0.023643149
chr7	1.16E+08	1.16E+08	1121	962	116250000	0.148306	0.017930902
chr7	1.17E+08	1.17E+08	930	810	116600000	0.126937	0.036127101
chr7	1.18E+08	1.18E+08	924	983	117700000	-0.16167	0.010929801
chr7	1.18E+08	1.18E+08	984	854	1.18E+08	0.13205	0.030770146
chr7	1.18E+08	1.18E+08	1017	884	118050000	0.12983	0.033009681
chr7	1.18E+08	1.19E+08	1083	904	118450000	0.188267	0.003913327
chr7	1.18E+08	1.19E+08	1046	899	118500000	0.146118	0.019333757
chr7	1.19E+08	1.19E+08	1036	897	118550000	0.135472	0.027567598
chr7	1.19E+08	1.19E+08	1029	887	118750000	0.141865	0.022329923
chr7	1.19E+08	1.19E+08	1034	907	118800000	0.11669	0.049168966
chr7	1.19E+08	1.19E+08	1024	874	1.19E+08	0.156139	0.013599378
chr7	1.19E+08	1.19E+08	1063	930	119050000	0.120467	0.043979514
chr7	1.19E+08	1.19E+08	956	824	119100000	0.141995	0.02223334
chr7	1.19E+08	1.19E+08	927	772	119150000	0.191597	0.003404139
chr7	1.19E+08	1.19E+08	879	754	119250000	0.148927	0.017548816
chr7	1.19E+08	1.19E+08	1005	772	119300000	0.308151	7.69E-06
chr7	1.19E+08	1.19E+08	1095	855	119350000	0.284563	3.19E-05
chr7	1.19E+08	1.19E+08	1084	921	119400000	0.16272	0.010691966
chr7	1.2E+08	1.2E+08	953	799	119650000	0.181909	0.005079241
chr7	1.2E+08	1.2E+08	983	841	119700000	0.152714	0.015367086
chr7	1.2E+08	1.2E+08	1014	886	119750000	0.122307	0.041617102
chr7	1.2E+08	1.2E+08	1026	849	119800000	0.200823	0.00229028
chr7	1.2E+08	1.2E+08	1049	874	119950000	0.190938	0.003499893
chr7	1.2E+08	1.2E+08	1079	882	1.20E+08	0.218473	0.001029488
chr7	1.2E+08	1.2E+08	1096	945	120050000	0.14149	0.022612338
chr7	1.2E+08	1.2E+08	1026	836	120400000	0.223084	0.00082794
chr7	1.21E+08	1.21E+08	1017	834	1.21E+08	0.213829	0.001277262
chr7	1.21E+08	1.21E+08	1073	896	121050000	0.187708	0.004005242
chr7	1.21E+08	1.21E+08	1025	887	121100000	0.136246	0.02688343
chr7	1.21E+08	1.21E+08	1019	884	121300000	0.132664	0.030174197
chr7	1.22E+08	1.22E+08	1093	955	121550000	0.122349	0.041564766
chr7	1.22E+08	1.22E+08	1036	903	121650000	0.125854	0.03735451
chr7	1.22E+08	1.22E+08	858	726	121850000	0.168636	0.008557728
chr7	1.22E+08	1.22E+08	1014	886	122050000	0.122307	0.041617102
chr7	1.22E+08	1.22E+08	1025	850	122100000	0.197717	0.002621434
chr7	1.22E+08	1.22E+08	1042	870	122150000	0.187896	0.003974034

chr7	1.22E+08	1.23E+08	914	800	122500000	0.119822	0.044832614
chr7	1.23E+08	1.23E+08	895	931	122700000	-0.12927	0.033294147
chr7	1.23E+08	1.23E+08	1050	909	122800000	0.135665	0.027395588
chr7	1.23E+08	1.23E+08	1077	897	122850000	0.191467	0.003422858
chr7	1.24E+08	1.24E+08	969	802	123750000	0.200523	0.002320513
chr7	1.24E+08	1.24E+08	1002	872	123800000	0.128111	0.034834214
chr7	1.24E+08	1.24E+08	1024	878	124200000	0.149551	0.017171892
chr7	1.24E+08	1.24E+08	1009	814	124250000	0.237454	0.000410057
chr7	1.24E+08	1.24E+08	947	998	124350000	-0.14805	0.01785422
chr7	1.24E+08	1.25E+08	991	836	124500000	0.17301	0.007230493
chr7	1.25E+08	1.25E+08	956	828	124550000	0.135008	0.027985039
chr7	1.25E+08	1.25E+08	862	753	124650000	0.122666	0.041168498
chr7	1.25E+08	1.25E+08	990	850	1.25E+08	0.147594	0.018377747
chr7	1.25E+08	1.25E+08	989	829	125050000	0.182227	0.005014322
chr7	1.25E+08	1.25E+08	1062	892	125150000	0.179296	0.005642201
chr7	1.25E+08	1.25E+08	1061	869	125200000	0.215625	0.001175569
chr7	1.25E+08	1.25E+08	990	866	125250000	0.12069	0.043688175
chr7	1.25E+08	1.26E+08	1039	910	125450000	0.118885	0.04609602
chr7	1.25E+08	1.26E+08	983	813	125500000	0.201564	0.002217017
chr7	1.26E+08	1.26E+08	863	750	125550000	0.130098	0.032731892
chr7	1.26E+08	1.26E+08	962	844	1.26E+08	0.116422	0.049554834
chr7	1.27E+08	1.27E+08	1017	860	126950000	0.169539	0.008267359
chr7	1.27E+08	1.27E+08	922	966	127150000	-0.13963	0.023788168
chr7	1.28E+08	1.28E+08	1053	1100	127750000	-0.13537	0.027374254
chr7	1.28E+08	1.28E+08	1054	1102	127800000	-0.13662	0.026276426
chr7	1.28E+08	1.28E+08	1081	1133	127850000	-0.14015	0.023374856
chr7	1.28E+08	1.28E+08	963	1006	127900000	-0.13539	0.027352383
chr7	1.28E+08	1.28E+08	889	981	127950000	-0.21444	0.001196415
chr7	1.28E+08	1.28E+08	916	1038	1.28E+08	-0.25276	0.000175795
chr7	1.28E+08	1.28E+08	152	163	128250000	-0.17317	0.007039887
chr7	1.28E+08	1.29E+08	1086	1139	128500000	-0.14112	0.022632852
chr7	1.29E+08	1.29E+08	1022	884	129100000	0.136905	0.026312008
chr7	1.29E+08	1.3E+08	961	819	129500000	0.158301	0.012576361
chr7	1.3E+08	1.3E+08	920	791	129550000	0.145584	0.019689842
chr7	1.3E+08	1.3E+08	997	864	129800000	0.13419	0.028733081
chr7	1.3E+08	1.3E+08	872	726	129850000	0.191987	0.003348577
chr7	1.3E+08	1.3E+08	49	51	130200000	-0.13009	0.032440146
chr7	1.31E+08	1.31E+08	868	943	130700000	-0.19193	0.003265941
chr7	1.32E+08	1.32E+08	985	1065	131550000	-0.18503	0.004364491
chr7	1.32E+08	1.32E+08	1040	1133	131600000	-0.19594	0.002750046
chr7	1.32E+08	1.32E+08	981	830	131700000	0.16877	0.008514177
chr7	1.32E+08	1.32E+08	1072	1149	132050000	-0.17245	0.007243336
chr7	1.32E+08	1.32E+08	1098	1153	132100000	-0.14289	0.021319398
chr7	1.32E+08	1.33E+08	1019	1062	132500000	-0.132	0.030521482
chr7	1.33E+08	1.33E+08	1066	934	132600000	0.118341	0.046842932
chr7	1.33E+08	1.33E+08	1061	880	132650000	0.197477	0.002648747
chr7	1.33E+08	1.33E+08	985	841	132700000	0.155646	0.013842254

chr7	1.35E+08	1.35E+08	925	1002	134850000	-0.18773	0.00390071
chr7	1.35E+08	1.35E+08	995	1125	134900000	-0.24953	0.000208743
chr7	1.35E+08	1.35E+08	1032	1088	134950000	-0.14861	0.017508822
chr7	1.35E+08	1.35E+08	921	803	135300000	0.125429	0.037845498
chr7	1.35E+08	1.36E+08	1019	1054	135450000	-0.12109	0.042835287
chr7	1.36E+08	1.37E+08	845	735	136500000	0.128835	0.034055189
chr7	1.37E+08	1.37E+08	1012	881	136550000	0.127624	0.035366095
chr7	1.37E+08	1.37E+08	981	1032	1.37E+08	-0.14549	0.019506006
chr7	1.4E+08	1.4E+08	760	663	140150000	0.124619	0.038796768
chr7	1.4E+08	1.4E+08	893	930	140350000	-0.13094	0.031571132
chr7	1.41E+08	1.41E+08	1063	915	140550000	0.143926	0.02083214
chr7	1.41E+08	1.41E+08	993	860	140600000	0.135085	0.027915254
chr7	1.41E+08	1.42E+08	885	931	141450000	-0.14548	0.01951554
chr7	1.42E+08	1.42E+08	895	939	141700000	-0.14161	0.022259865
chr7	1.42E+08	1.42E+08	511	569	142050000	-0.22748	0.000641664
chr7	1.42E+08	1.42E+08	408	421	142100000	-0.11762	0.047505926
chr7	1.42E+08	1.42E+08	710	621	142400000	0.120854	0.043474129
chr7	1.43E+08	1.43E+08	1031	1074	143100000	-0.13132	0.031192036
chr7	1.43E+08	1.43E+08	11	13	143300000	-0.31338	4.97E-06
chr7	1.43E+08	1.43E+08	128	101	143400000	0.269417	7.56E-05
chr7	1.43E+08	1.44E+08	134	114	143450000	0.160827	0.011466519
chr7	1.43E+08	1.44E+08	115	98	143500000	0.158408	0.012527421
chr7	1.44E+08	1.44E+08	428	362	143550000	0.169249	0.008359653
chr7	1.44E+08	1.44E+08	888	938	143800000	-0.1514	0.015871042
chr7	1.44E+08	1.44E+08	688	725	143850000	-0.14794	0.017918331
chr7	1.44E+08	1.44E+08	53	33	143950000	0.611155	4.10E-17
chr7	1.44E+08	1.44E+08	58	38	1.44E+08	0.537682	7.36E-14
chr7	1.44E+08	1.44E+08	310	245	144050000	0.267115	8.59E-05
chr7	1.45E+08	1.45E+08	1042	898	144750000	0.142196	0.022083432
chr7	1.45E+08	1.45E+08	1026	894	145200000	0.126312	0.036831316
chr7	1.45E+08	1.45E+08	999	829	145250000	0.196741	0.002734223
chr7	1.46E+08	1.46E+08	1044	902	145550000	0.138551	0.024929615
chr7	1.46E+08	1.46E+08	1057	914	145600000	0.137338	0.025942661
chr7	1.46E+08	1.46E+08	985	861	145650000	0.121739	0.042335785
chr7	1.46E+08	1.46E+08	816	689	145700000	0.171693	0.007609509
chr7	1.46E+08	1.46E+08	884	730	145750000	0.203778	0.002010862
chr7	1.46E+08	1.46E+08	1043	861	146150000	0.204282	0.00196643
chr7	1.46E+08	1.46E+08	1062	892	146200000	0.179296	0.005642201
chr7	1.46E+08	1.46E+08	1049	889	146400000	0.166388	0.009320172
chr7	1.46E+08	1.47E+08	1029	866	146450000	0.176432	0.006322656
chr7	1.47E+08	1.47E+08	994	863	147300000	0.131514	0.031299707
chr7	1.48E+08	1.48E+08	921	993	147800000	-0.18096	0.005156382
chr7	1.48E+08	1.48E+08	994	1053	147850000	-0.15556	0.01367645
chr7	1.49E+08	1.49E+08	857	887	148900000	-0.12201	0.041663749
chr7	1.49E+08	1.49E+08	968	1013	148950000	-0.13793	0.025170284
chr7	1.49E+08	1.49E+08	952	993	149400000	-0.1332	0.02936515
chr7	1.49E+08	1.5E+08	1090	1251	149450000	-0.27113	6.39E-05

chr7	1.49E+08	1.5E+08	1145	1316	149500000	-0.27318	5.68E-05
chr7	1.5E+08	1.5E+08	978	1060	149550000	-0.18853	0.003771933
chr7	1.5E+08	1.5E+08	431	465	149600000	-0.18191	0.004960583
chr7	1.5E+08	1.5E+08	94	103	149650000	-0.20428	0.00190364
chr7	1.5E+08	1.5E+08	114	153	149700000	-0.49687	2.33E-12
chr7	1.5E+08	1.5E+08	120	150	149750000	-0.3943	1.58E-08
chr7	1.5E+08	1.5E+08	118	123	149800000	-0.13224	0.03028602
chr7	1.5E+08	1.5E+08	135	146	149850000	-0.18538	0.004301487
chr7	1.5E+08	1.5E+08	115	125	149900000	-0.19267	0.003165567
chr7	1.5E+08	1.5E+08	70	90	149950000	-0.43494	5.85E-10
chr7	1.5E+08	1.5E+08	481	524	1.50E+08	-0.1959	0.002754149
chr7	1.5E+08	1.5E+08	959	1056	150050000	-0.21138	0.001378916
chr7	1.5E+08	1.5E+08	1007	1112	150100000	-0.21546	0.001140557
chr7	1.5E+08	1.5E+08	904	971	150150000	-0.17552	0.006416739
chr7	1.51E+08	1.51E+08	1038	1103	150600000	-0.16	0.011628927
chr7	1.51E+08	1.51E+08	1082	1353	150650000	-0.39483	1.52E-08
chr7	1.51E+08	1.51E+08	1104	1317	150700000	-0.32689	2.06E-06
chr7	1.51E+08	1.51E+08	1080	1234	150750000	-0.26468	9.18E-05
chr7	1.51E+08	1.51E+08	1086	1304	150800000	-0.33629	1.09E-06
chr7	1.51E+08	1.51E+08	1088	1273	150850000	-0.29893	1.23E-05
chr7	1.51E+08	1.51E+08	1096	1202	150900000	-0.20556	0.001797463
chr7	1.51E+08	1.51E+08	1058	1173	150950000	-0.22124	0.000867989
chr7	1.51E+08	1.51E+08	1028	1097	1.51E+08	-0.1661	0.009253906
chr7	1.51E+08	1.51E+08	1062	1116	151100000	-0.14393	0.020579393
chr7	1.51E+08	1.51E+08	920	971	151250000	-0.15021	0.016552563
chr7	1.51E+08	1.52E+08	1056	1119	151500000	-0.15597	0.013473831
chr7	1.52E+08	1.52E+08	1034	1143	151550000	-0.21696	0.001063198
chr7	1.52E+08	1.52E+08	1009	1074	151600000	-0.16244	0.010620695
chr7	1.52E+08	1.52E+08	882	932	151650000	-0.15192	0.015579399
chr7	1.52E+08	1.52E+08	783	839	151700000	-0.17203	0.00736194
chr7	1.52E+08	1.52E+08	883	918	151800000	-0.12845	0.034156708
chr7	1.52E+08	1.52E+08	778	679	152300000	0.123987	0.039551872
chr7	1.52E+08	1.52E+08	774	657	152350000	0.164068	0.010168337
chr7	1.53E+08	1.53E+08	576	598	152550000	-0.12645	0.036362408
chr7	1.53E+08	1.53E+08	939	990	152600000	-0.14868	0.017467421
chr7	1.53E+08	1.53E+08	907	1002	152650000	-0.21608	0.001108155
chr7	1.53E+08	1.53E+08	909	974	152700000	-0.17201	0.007366838
chr7	1.53E+08	1.54E+08	135	142	153450000	-0.1453	0.01963133
chr7	1.54E+08	1.54E+08	906	981	153600000	-0.18711	0.004002318
chr7	1.54E+08	1.54E+08	601	644	153650000	-0.17207	0.007351251
chr7	1.54E+08	1.54E+08	94	115	153750000	-0.36327	1.64E-07
chr7	1.54E+08	1.54E+08	91	130	153800000	-0.58694	2.76E-16
chr7	1.54E+08	1.54E+08	973	1014	1.54E+08	-0.13192	0.030603432
chr7	1.54E+08	1.54E+08	956	996	154150000	-0.13151	0.031007963
chr7	1.54E+08	1.54E+08	221	191	154300000	0.138102	0.025300333
chr7	1.55E+08	1.55E+08	1035	1099	154600000	-0.15893	0.012094524
chr7	1.55E+08	1.55E+08	1006	1151	154650000	-0.26663	8.23E-05

chr7	1.55E+08	1.55E+08	1027	1114	154700000	-0.18968	0.003592869
chr7	1.55E+08	1.55E+08	1015	1100	154900000	-0.1884	0.003793231
chr7	1.55E+08	1.55E+08	993	1056	154950000	-0.16112	0.011157392
chr7	1.55E+08	1.55E+08	1027	1059	1.55E+08	-0.11664	0.048903418
chr7	1.55E+08	1.55E+08	1003	1059	155150000	-0.15075	0.016238427
chr7	1.55E+08	1.55E+08	1027	1168	155200000	-0.25798	0.000132684
chr7	1.55E+08	1.55E+08	1056	1167	155250000	-0.21657	0.001083113
chr7	1.55E+08	1.55E+08	1093	1133	155300000	-0.12423	0.038943468
chr7	1.55E+08	1.55E+08	1066	1102	155350000	-0.12029	0.043883072
chr7	1.55E+08	1.56E+08	966	823	155450000	0.158759	0.012368579
chr7	1.56E+08	1.56E+08	1060	1147	155550000	-0.18617	0.004162343
chr7	1.56E+08	1.56E+08	1070	1165	155600000	-0.19509	0.002852424
chr7	1.56E+08	1.56E+08	1085	1149	155650000	-0.15506	0.013927534
chr7	1.56E+08	1.56E+08	1084	1123	155750000	-0.12336	0.039983227
chr7	1.56E+08	1.56E+08	1050	1128	155800000	-0.17575	0.006358607
chr7	1.56E+08	1.56E+08	1073	1126	155850000	-0.14193	0.022021496
chr7	1.56E+08	1.56E+08	1036	1077	155900000	-0.12837	0.034249548
chr7	1.56E+08	1.56E+08	973	1026	156100000	-0.14889	0.017336255
chr7	1.56E+08	1.56E+08	1009	1059	156150000	-0.14215	0.021858754
chr7	1.56E+08	1.56E+08	1083	1143	156250000	-0.15016	0.016578962
chr7	1.56E+08	1.56E+08	1071	1146	156300000	-0.17002	0.007960401
chr7	1.56E+08	1.56E+08	977	1042	156350000	-0.1653	0.009538519
chr7	1.57E+08	1.57E+08	1046	912	156550000	0.125405	0.03787344
chr7	1.57E+08	1.57E+08	1062	900	156600000	0.166415	0.009310497
chr7	1.57E+08	1.57E+08	971	847	156650000	0.124738	0.038656171
chr7	1.57E+08	1.57E+08	841	901	156750000	-0.17179	0.007430434
chr7	1.57E+08	1.57E+08	904	994	156800000	-0.20929	0.001517319
chr7	1.57E+08	1.57E+08	865	897	156850000	-0.12478	0.038287128
chr7	1.57E+08	1.57E+08	939	987	157050000	-0.1443	0.020319984
chr7	1.57E+08	1.57E+08	852	906	157100000	-0.16103	0.011193313
chr7	1.57E+08	1.57E+08	807	842	157150000	-0.13362	0.02897049
chr7	1.57E+08	1.57E+08	866	988	157200000	-0.26252	0.000103462
chr7	1.57E+08	1.57E+08	928	1045	157250000	-0.24368	0.000283576
chr7	1.57E+08	1.57E+08	1022	1163	157300000	-0.25883	0.000126668
chr7	1.57E+08	1.57E+08	994	1218	157350000	-0.36557	1.38E-07
chr7	1.57E+08	1.57E+08	989	1121	157400000	-0.25312	0.000172471
chr7	1.57E+08	1.58E+08	994	1054	157450000	-0.15693	0.013013802
chr7	1.57E+08	1.58E+08	925	1055	157500000	-0.26209	0.000105924
chr7	1.58E+08	1.58E+08	968	1171	157550000	-0.34703	5.21E-07
chr7	1.58E+08	1.58E+08	1067	1316	157600000	-0.37497	6.91E-08
chr7	1.58E+08	1.58E+08	1060	1220	157650000	-0.27519	5.07E-05
chr7	1.58E+08	1.58E+08	1037	1070	157700000	-0.11757	0.047584785
chr7	1.58E+08	1.58E+08	995	1056	157750000	-0.15821	0.012417817
chr7	1.58E+08	1.58E+08	990	1080	157800000	-0.1979	0.002524585
chr7	1.58E+08	1.58E+08	985	1091	157850000	-0.21983	0.000928306
chr7	1.58E+08	1.58E+08	1011	1088	157900000	-0.17827	0.005750156
chr7	1.58E+08	1.58E+08	964	1077	1.58E+08	-0.23228	0.000506042

chr7	1.58E+08	1.58E+08	978	1150	158050000	-0.3061	7.89E-06
chr7	1.58E+08	1.58E+08	873	1050	158100000	-0.33871	9.27E-07
chr7	1.58E+08	1.58E+08	829	1003	158150000	-0.34725	5.13E-07
chr7	1.58E+08	1.58E+08	930	1082	158200000	-0.29077	2.03E-05
chr7	1.58E+08	1.58E+08	928	1094	158250000	-0.30979	6.25E-06
chr7	1.58E+08	1.58E+08	979	1126	158300000	-0.2742	5.36E-05
chr7	1.58E+08	1.58E+08	1001	1055	158350000	-0.14817	0.017776255
chr7	1.58E+08	1.59E+08	904	954	158500000	-0.15004	0.016652428
chr7	1.59E+08	1.59E+08	922	952	158550000	-0.11857	0.046196797
chr7	1.59E+08	1.59E+08	980	1046	158750000	-0.1664	0.009146844
chr7	1.59E+08	1.59E+08	1005	1087	158800000	-0.18553	0.004275271
chr20	250001	350000	959	989	3.00E+05	-0.11681	0.048655106
chr20	400001	500000	911	989	450000	-0.19089	0.00341406
chr20	450001	550000	905	965	5.00E+05	-0.16498	0.009652407
chr20	500001	600000	951	1000	550000	-0.14485	0.019935858
chr20	550001	650000	1007	1087	6.00E+05	-0.18266	0.004811674
chr20	600001	700000	1056	1156	650000	-0.2029	0.002024748
chr20	650001	750000	988	1072	7.00E+05	-0.19009	0.00353134
chr20	700001	800000	834	877	750000	-0.1449	0.019903978
chr20	750001	850000	853	931	8.00E+05	-0.19861	0.002447978
chr20	800001	900000	974	1089	850000	-0.23338	0.000479076
chr20	850001	950000	1017	1055	9.00E+05	-0.1253	0.037683926
chr20	950001	1050000	1062	1098	1.00E+06	-0.12047	0.043649993
chr20	1150001	1250000	966	1026	1200000	-0.15931	0.01192887
chr20	1200001	1300000	997	1093	1250000	-0.205	0.001843417
chr20	1250001	1350000	1094	1144	1300000	-0.13685	0.026083021
chr20	1400001	1500000	1022	1147	1450000	-0.23884	0.00036363
chr20	1450001	1550000	938	1046	1500000	-0.22959	0.000578239
chr20	1600001	1700000	977	1007	1650000	-0.116	0.049819332
chr20	1700001	1800000	1006	1038	1750000	-0.11755	0.047611148
chr20	1750001	1850000	1092	1157	1800000	-0.15579	0.013563978
chr20	1800001	1900000	1118	1204	1850000	-0.17929	0.00551887
chr20	1850001	1950000	1086	1175	1900000	-0.18601	0.004190896
chr20	2750001	2850000	953	1008	2800000	-0.15332	0.014823375
chr20	3000001	3100000	910	945	3050000	-0.12682	0.03594536
chr20	3650001	3750000	1069	1152	3700000	-0.18025	0.005307937
chr20	3700001	3800000	1005	1086	3750000	-0.1842	0.004516556
chr20	3750001	3850000	857	929	3800000	-0.18876	0.00373636
chr20	3800001	3900000	817	845	3850000	-0.12099	0.042971673
chr20	4050001	4150000	965	1040	4100000	-0.18035	0.005285647
chr20	4100001	4200000	938	998	4150000	-0.16182	0.010867571
chr20	5050001	5150000	966	834	5100000	0.139604	0.024077088
chr20	5550001	5650000	749	791	5600000	-0.15108	0.016049654
chr20	6050001	6150000	931	979	6100000	-0.1449	0.019905183
chr20	6250001	6350000	937	819	6300000	0.121814	0.042240271
chr20	6450001	6550000	1104	940	6500000	0.159636	0.011978948
chr20	6700001	6800000	1060	1099	6750000	-0.1245	0.038618945

chr20	6850001	6950000	1041	906	6900000	0.128015	0.034937813
chr20	7100001	7200000	1046	914	7150000	0.122245	0.041695323
chr20	7150001	7250000	1125	949	7200000	0.173073	0.007212818
chr20	7200001	7300000	1092	936	7250000	0.150021	0.016892961
chr20	7600001	7700000	1075	942	7650000	0.118166	0.04708557
chr20	7650001	7750000	1098	926	7700000	0.173422	0.007115445
chr20	7700001	7800000	1009	872	7750000	0.138154	0.025256794
chr20	8550001	8650000	995	860	8600000	0.137988	0.025395155
chr20	8600001	8700000	1018	843	8650000	0.199761	0.002398921
chr20	8650001	8750000	942	817	8700000	0.133019	0.029833582
chr20	9100001	9200000	1074	889	9150000	0.200367	0.002336361
chr20	9150001	9250000	1052	917	9200000	0.125769	0.037452352
chr20	10850001	10950000	1098	898	10900000	0.217719	0.001066427
chr20	10900001	11000000	1121	971	10950000	0.134871	0.028109022
chr20	11050001	11150000	1035	865	11100000	0.186487	0.004212687
chr20	11100001	11200000	1034	907	11150000	0.11669	0.049168966
chr20	11750001	11850000	1059	928	11800000	0.118134	0.047129718
chr20	12400001	12500000	909	772	12450000	0.163308	0.01046091
chr20	13300001	13400000	1003	864	13350000	0.142847	0.021605691
chr20	13500001	13600000	902	766	13550000	0.163411	0.010420641
chr20	13550001	13650000	844	713	13600000	0.170969	0.007825341
chr20	14000001	14100000	984	777	14050000	0.268372	8.01E-05
chr20	14200001	14300000	931	804	14250000	0.139214	0.024389911
chr20	14250001	14350000	969	802	14300000	0.200523	0.002320513
chr20	14400001	14500000	965	814	14450000	0.173128	0.007197353
chr20	14450001	14550000	1089	882	14500000	0.231782	0.000543452
chr20	15200001	15300000	1057	921	15250000	0.126331	0.036810508
chr20	15950001	16050000	1086	923	1.60E+07	0.16225	0.010879988
chr20	16000001	16100000	1124	942	16050000	0.182471	0.004964837
chr20	16500001	16600000	967	846	16550000	0.120486	0.043954248
chr20	17000001	17100000	966	996	17050000	-0.11649	0.049110311
chr20	17050001	17150000	926	986	17100000	-0.16295	0.01042092
chr20	17100001	17200000	968	998	17150000	-0.1164	0.049239796
chr20	17150001	17250000	990	1058	17200000	-0.16821	0.008535402
chr20	17600001	17700000	1089	1162	17650000	-0.16598	0.009295192
chr20	17650001	17750000	1027	1076	17700000	-0.13961	0.023799706
chr20	17700001	17800000	1009	1053	17750000	-0.13395	0.028665213
chr20	17750001	17850000	1037	1084	17800000	-0.13632	0.026536647
chr20	17800001	17900000	994	1029	17850000	-0.1223	0.041303746
chr20	17850001	17950000	961	1013	17900000	-0.1484	0.01763747
chr20	17900001	18000000	864	971	17950000	-0.24081	0.00032877
chr20	17950001	18050000	823	927	1.80E+07	-0.24405	0.000278175
chr20	18450001	18550000	946	782	18500000	0.2023	0.002146486
chr20	18900001	19000000	956	995	18950000	-0.13006	0.032470571
chr20	18950001	19050000	941	1020	1.90E+07	-0.18867	0.003749082
chr20	19600001	19700000	1011	1087	19650000	-0.17694	0.006063962
chr20	19650001	19750000	1013	1081	19700000	-0.1661	0.00925071

chr20	20000001	20100000	1021	894	20050000	0.119264	0.045581659
chr20	20850001	20950000	994	1067	20900000	-0.17461	0.006651181
chr20	20900001	21000000	1069	1104	20950000	-0.11885	0.045809262
chr20	21100001	21200000	1032	905	21150000	0.117082	0.048609211
chr20	21600001	21700000	994	1025	21650000	-0.11668	0.048846379
chr20	21950001	22050000	987	832	2.20E+07	0.174095	0.006931035
chr20	22700001	22800000	1019	1078	22750000	-0.15357	0.014688449
chr20	22750001	22850000	1022	1069	22800000	-0.13724	0.025748563
chr20	22950001	23050000	951	1027	2.30E+07	-0.18329	0.004688818
chr20	23000001	23100000	1100	1162	23050000	-0.15148	0.015827088
chr20	23200001	23300000	1047	1087	23250000	-0.12646	0.036346801
chr20	23350001	23450000	973	1022	23400000	-0.14326	0.021053973
chr20	23400001	23500000	933	965	23450000	-0.12102	0.042924344
chr20	23500001	23600000	888	937	23550000	-0.14986	0.016756448
chr20	24100001	24200000	1063	1126	24150000	-0.15544	0.013737098
chr20	24900001	25000000	961	1021	24950000	-0.15975	0.01173751
chr20	24950001	25050000	1090	1208	2.50E+07	-0.22066	0.000892005
chr20	25000001	25100000	994	1104	25050000	-0.22379	0.000767519
chr20	25150001	25250000	879	997	25200000	-0.2541	0.000163586
chr20	25200001	25300000	979	1070	25250000	-0.2006	0.002242394
chr20	25400001	25500000	960	1002	25450000	-0.13415	0.028483048
chr20	25450001	25550000	946	999	25500000	-0.15102	0.016087987
chr20	25750001	25850000	146	164	25800000	-0.2401	0.000341004
chr20	25850001	25950000	244	206	25900000	0.171865	0.007559136
chr20	26100001	26200000	728	752	26150000	-0.11917	0.04538053
chr20	26150001	26250000	789	820	26200000	-0.12797	0.034676993
chr20	29400001	29500000	168	183	29450000	-0.19575	0.002771797
chr20	29450001	29550000	229	296	29500000	-0.44262	3.04E-10
chr20	29650001	29750000	268	307	29700000	-0.26838	7.46E-05
chr20	29750001	29850000	658	896	29800000	-0.51778	3.16E-13
chr20	29800001	29900000	1112	1364	29850000	-0.36706	1.24E-07
chr20	29850001	29950000	857	887	29900000	-0.12201	0.041663749
chr20	30050001	30150000	886	938	30100000	-0.15465	0.014130952
chr20	30150001	30250000	767	798	30200000	-0.12953	0.033012989
chr20	30250001	30350000	964	840	30300000	0.126272	0.03687698
chr20	30350001	30450000	1017	1162	30400000	-0.26466	9.19E-05
chr20	30400001	30500000	1077	1180	30450000	-0.20414	0.00191588
chr20	30450001	30550000	984	1018	30500000	-0.12138	0.042466831
chr20	30700001	30800000	890	930	30750000	-0.1358	0.026995126
chr20	31000001	31100000	1042	1121	31050000	-0.1778	0.005858362
chr20	31050001	31150000	1033	1105	31100000	-0.16958	0.00809776
chr20	31100001	31200000	1076	1183	31150000	-0.20914	0.00152783
chr20	31150001	31250000	1077	1157	31200000	-0.17574	0.006360407
chr20	31300001	31400000	887	765	31350000	0.141103	0.022906788
chr20	31550001	31650000	1118	1155	31600000	-0.11934	0.045139767
chr20	31850001	31950000	1045	1084	31900000	-0.12523	0.037755489
chr20	32200001	32300000	948	1079	32250000	-0.25911	0.000124748

chr20	32250001	32350000	888	1015	32300000	-0.26522	8.91E-05
chr20	32650001	32750000	832	889	32700000	-0.16797	0.008614124
chr20	32700001	32800000	742	843	32750000	-0.25649	0.000143861
chr20	32750001	32850000	765	837	32800000	-0.20214	0.002094738
chr20	33100001	33200000	970	1020	33150000	-0.14488	0.019915549
chr20	33700001	33800000	728	782	33750000	-0.1756	0.006395982
chr20	34000001	34100000	895	942	34050000	-0.14621	0.019027365
chr20	34300001	34400000	827	707	34350000	0.153805	0.014783371
chr20	34350001	34450000	824	721	34400000	0.120273	0.044234652
chr20	34450001	34550000	828	857	34500000	-0.12204	0.041631538
chr20	34600001	34700000	858	886	34650000	-0.1187	0.046012981
chr20	34650001	34750000	980	1012	34700000	-0.11873	0.045976646
chr20	34900001	35000000	571	616	34950000	-0.18181	0.004981529
chr20	35050001	35150000	969	1024	35100000	-0.15202	0.01552646
chr20	35100001	35200000	936	965	35150000	-0.11639	0.049257636
chr20	35950001	36050000	1076	1112	3.60E+07	-0.11985	0.044462621
chr20	36000001	36100000	1109	1187	36050000	-0.17043	0.007834344
chr20	36050001	36150000	1087	1142	36100000	-0.14358	0.020820966
chr20	36100001	36200000	995	1027	36150000	-0.11804	0.046924308
chr20	36400001	36500000	1063	1108	36450000	-0.13219	0.030339625
chr20	36500001	36600000	996	1046	36550000	-0.14304	0.021210633
chr20	37100001	37200000	1010	872	37150000	0.139583	0.024093483
chr20	37150001	37250000	1040	911	37200000	0.118689	0.046364775
chr20	37200001	37300000	986	1020	37250000	-0.12128	0.04259223
chr20	37250001	37350000	1042	1122	37300000	-0.17909	0.005563079
chr20	37450001	37550000	1005	1040	37500000	-0.12176	0.041981267
chr20	37700001	37800000	1081	1147	37750000	-0.15787	0.012574409
chr20	37800001	37900000	1110	1162	37850000	-0.13842	0.024761202
chr20	38350001	38450000	986	774	38400000	0.276882	4.96E-05
chr20	38400001	38500000	1093	871	38450000	0.255177	0.000164068
chr20	38600001	38700000	982	855	38650000	0.127427	0.035582832
chr20	38950001	39050000	1093	959	3.90E+07	0.116319	0.04970418
chr20	39200001	39300000	1020	1061	39250000	-0.12923	0.033334051
chr20	39450001	39550000	1059	1121	39500000	-0.15446	0.01423171
chr20	39600001	39700000	931	975	39650000	-0.13899	0.024296703
chr20	40250001	40350000	954	1047	40300000	-0.20657	0.001717276
chr20	40550001	40650000	1018	1051	40600000	-0.1184	0.046430055
chr20	40650001	40750000	1068	1124	40700000	-0.1461	0.019099025
chr20	40700001	40800000	1013	1101	40750000	-0.19255	0.003181016
chr20	41650001	41750000	1102	947	41700000	0.146316	0.019203006
chr20	41700001	41800000	1061	931	41750000	0.1162	0.049876955
chr20	42400001	42500000	908	946	42450000	-0.13152	0.03099533
chr20	42600001	42700000	1043	1110	42650000	-0.16219	0.010719223
chr20	42650001	42750000	1001	1049	42700000	-0.13994	0.023538406
chr20	42700001	42800000	992	1093	42750000	-0.21225	0.001324376
chr20	42750001	42850000	971	1113	42800000	-0.26928	7.09E-05
chr20	42800001	42900000	956	1066	42850000	-0.2295	0.000581044

chr20	43100001	43200000	888	942	43150000	-0.15754	0.012727578
chr20	43300001	43400000	1052	1105	43350000	-0.14328	0.021033821
chr20	43350001	43450000	1133	1175	43400000	-0.12488	0.03816357
chr20	43500001	43600000	935	988	43550000	-0.15192	0.015583062
chr20	43700001	43800000	1048	1114	43750000	-0.16048	0.011422608
chr20	43850001	43950000	1002	1099	43900000	-0.20568	0.001787789
chr20	43900001	44000000	992	1100	43950000	-0.22146	0.000858564
chr20	43950001	44050000	1005	1059	4.40E+07	-0.14788	0.017959121
chr20	44500001	44600000	943	1020	44550000	-0.18561	0.004260573
chr20	44550001	44650000	980	1073	44600000	-0.20317	0.002000976
chr20	44600001	44700000	1022	1117	44650000	-0.20061	0.002242003
chr20	44650001	44750000	1036	1155	44700000	-0.22924	0.000588425
chr20	44700001	44800000	1057	1126	44750000	-0.1636	0.010167626
chr20	44750001	44850000	1071	1162	44800000	-0.19002	0.003541861
chr20	44800001	44900000	1073	1275	44850000	-0.32122	2.99E-06
chr20	44850001	44950000	1122	1315	44900000	-0.30136	1.06E-05
chr20	44900001	45000000	1104	1191	44950000	-0.18181	0.004982823
chr20	44950001	45050000	958	1024	4.50E+07	-0.16849	0.008444436
chr20	45000001	45100000	938	992	45050000	-0.15312	0.014927197
chr20	45050001	45150000	1019	1099	45100000	-0.18141	0.005063897
chr20	45100001	45200000	1054	1131	45150000	-0.1741	0.006788685
chr20	45200001	45300000	1087	1123	45250000	-0.11938	0.045094922
chr20	45250001	45350000	994	1105	45300000	-0.2251	0.000720483
chr20	45300001	45400000	1018	1094	45350000	-0.17625	0.006234055
chr20	46250001	46350000	1004	1096	46300000	-0.19886	0.002420976
chr20	46300001	46400000	1019	1079	46350000	-0.15491	0.013999478
chr20	46350001	46450000	956	994	46400000	-0.12861	0.033991321
chr20	46400001	46500000	726	768	46450000	-0.15351	0.014723378
chr20	46700001	46800000	993	1031	46750000	-0.12655	0.036247347
chr20	46750001	46850000	1055	1134	46800000	-0.17655	0.006159385
chr20	46950001	47050000	994	1028	4.70E+07	-0.12089	0.043091814
chr20	47000001	47100000	1018	1054	47050000	-0.12251	0.041038726
chr20	47050001	47150000	899	973	47100000	-0.18649	0.004107706
chr20	47100001	47200000	858	988	47150000	-0.27591	4.86E-05
chr20	47150001	47250000	944	1094	47200000	-0.28513	2.84E-05
chr20	47200001	47300000	1047	1136	47250000	-0.19007	0.003534412
chr20	47350001	47450000	1085	1126	47400000	-0.12588	0.037004831
chr20	47550001	47650000	932	780	47600000	0.184484	0.004574011
chr20	48000001	48100000	1055	1093	48050000	-0.12342	0.039913443
chr20	48150001	48250000	1054	1092	48200000	-0.12347	0.039855493
chr20	48500001	48600000	858	900	48550000	-0.14132	0.022478356
chr20	48550001	48650000	813	907	48600000	-0.23022	0.000560685
chr20	48600001	48700000	839	905	48650000	-0.18162	0.00502082
chr20	48750001	48850000	981	1037	48800000	-0.15246	0.015283398
chr20	48900001	49000000	1032	1125	48950000	-0.19685	0.002642659
chr20	48950001	49050000	852	912	4.90E+07	-0.17055	0.007798014
chr20	49250001	49350000	841	873	49300000	-0.12625	0.036589735

chr20	49800001	49900000	1034	1071	49850000	-0.12309	0.040314868
chr20	49850001	49950000	1079	1161	49900000	-0.17804	0.005801746
chr20	49900001	50000000	1065	1181	49950000	-0.22153	0.000855935
chr20	49950001	50050000	1060	1095	5.00E+07	-0.11924	0.045282734
chr20	50250001	50350000	846	927	50300000	-0.20428	0.00190364
chr20	50300001	50400000	827	876	50350000	-0.15542	0.013747865
chr20	50550001	50650000	807	705	50600000	0.122574	0.041283832
chr20	51850001	51950000	1026	1090	51900000	-0.15967	0.011770943
chr20	51950001	52050000	1004	1043	5.20E+07	-0.12735	0.035354251
chr20	52000001	52100000	830	859	52050000	-0.12192	0.041780095
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chr20	52450001	52550000	1034	896	52500000	0.134294	0.028637613
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chr20	54600001	54700000	892	921	54650000	-0.11853	0.046248087
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chr20	55400001	55500000	977	1039	55450000	-0.16114	0.011148706
chr20	55450001	55550000	935	1019	55500000	-0.19649	0.002685053
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chr20	55700001	55800000	1074	1123	55750000	-0.13674	0.026177769
chr20	55750001	55850000	1059	1137	55800000	-0.1749	0.006576051
chr20	55800001	55900000	1040	1082	55850000	-0.12949	0.033060148
chr20	55900001	56000000	1057	1097	55950000	-0.12596	0.036917445
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chr20	56050001	56150000	1014	1047	56100000	-0.11858	0.046184499
chr20	56100001	56200000	1063	1171	56150000	-0.21197	0.001341742
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chr20	56300001	56400000	1045	1082	56350000	-0.12257	0.040963687
chr20	56450001	56550000	1140	1186	56500000	-0.12944	0.033109022
chr20	56700001	56800000	1061	1153	56750000	-0.19234	0.003210002
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chr20	57100001	57200000	1104	1167	57150000	-0.15244	0.015297802
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chr20	59550001	59650000	1064	1102	59600000	-0.123	0.040433212
chr20	59600001	59700000	1089	1129	59650000	-0.12441	0.038720575
chr20	59750001	59850000	1041	1112	59800000	-0.16756	0.008751544
chr20	59800001	59900000	1026	1203	59850000	-0.30198	1.02E-05
chr20	59850001	59950000	1072	1213	59900000	-0.25065	0.000196735
chr20	59900001	60000000	1067	1130	59950000	-0.15513	0.01388799
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chr20	60150001	60250000	1106	1240	60200000	-0.23736	0.000392084
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chr20	60250001	60350000	1118	1256	60300000	-0.24029	0.000337721
chr20	60300001	60400000	1062	1206	60350000	-0.25582	0.000149147
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chr20	60500001	60600000	945	1035	60550000	-0.20362	0.001961334
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chr20	60650001	60750000	914	1108	60700000	-0.35006	4.21E-07
chr20	60700001	60800000	1027	1177	60750000	-0.26905	7.19E-05
chr20	60750001	60850000	1103	1240	60800000	-0.24128	0.00032097
chr20	60800001	60900000	1084	1213	60850000	-0.23459	0.00045101
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chr20	61000001	61100000	1001	1226	61050000	-0.36489	1.45E-07
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chr20	61400001	61500000	1015	1231	61450000	-0.35072	4.02E-07
chr20	61450001	61550000	1037	1111	61500000	-0.17181	0.007424168
chr20	61500001	61600000	1027	1169	61550000	-0.25921	0.000124049
chr20	61550001	61650000	1007	1239	61600000	-0.37148	8.95E-08
chr20	61600001	61700000	1026	1277	61650000	-0.3881	2.56E-08
chr20	61650001	61750000	1055	1216	61700000	-0.27727	4.49E-05
chr20	61700001	61800000	1079	1207	61750000	-0.2341	0.000462098
chr20	61750001	61850000	1076	1210	61800000	-0.2417	0.000314081
chr20	61800001	61900000	1084	1216	61850000	-0.23815	0.000376668
chr20	61850001	61950000	1091	1301	61900000	-0.32634	2.13E-06
chr20	61900001	62000000	1054	1362	61950000	-0.44222	3.15E-10
chr20	61950001	62050000	1046	1377	6.20E+07	-0.46902	3.01E-11
chr20	62000001	62100000	1048	1325	62050000	-0.41073	4.31E-09

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chr20	62150001	62250000	976	1134	62200000	-0.28884	2.28E-05
chr20	62250001	62350000	942	1066	62300000	-0.25078	0.000195342
chr20	62300001	62400000	972	1116	62350000	-0.27168	6.19E-05
chr20	62350001	62450000	898	939	62400000	-0.13678	0.026138439
chr20	62400001	62500000	921	965	62450000	-0.1397	0.023731629
chr20	62500001	62600000	946	980	62550000	-0.12331	0.040046237
chr20	62550001	62650000	925	1025	62600000	-0.22047	0.000900288
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chr22	16000001	16100000	23	33	16050000	-0.5932	1.41E-16
chr22	16050001	16150000	47	58	16100000	-0.37576	6.51E-08
chr22	16100001	16200000	31	36	16150000	-0.2881	2.38E-05
chr22	16150001	16250000	16	22	16200000	-0.5318	8.01E-14
chr22	16200001	16300000	18	25	16250000	-0.5463	1.88E-14
chr22	16250001	16350000	42	33	16300000	0.275552	5.35E-05
chr22	16300001	16400000	55	38	16350000	0.46106	8.47E-11
chr22	16350001	16450000	28	24	16400000	0.150021	0.016892961
chr22	16600001	16700000	8	12	16650000	-0.65733	1.11E-19
chr22	16650001	16750000	3	7	16700000	-1.29476	3.54E-58
chr22	16750001	16850000	28	30	16800000	-0.17191	0.007397339
chr22	16800001	16900000	292	310	16850000	-0.15867	0.012210888
chr22	16950001	17050000	183	218	1.70E+07	-0.32486	2.35E-06
chr22	17000001	17100000	245	284	17050000	-0.28548	2.78E-05
chr22	17050001	17150000	185	208	17100000	-0.24143	0.000318488
chr22	17400001	17500000	854	911	17450000	-0.16559	0.009434209
chr22	17450001	17550000	653	705	17500000	-0.18291	0.004762242
chr22	18100001	18200000	782	685	18150000	0.118693	0.046359226
chr22	18200001	18300000	906	977	18250000	-0.18122	0.005103186
chr22	18250001	18350000	964	1073	18300000	-0.22692	0.000659492
chr22	18400001	18500000	838	879	18450000	-0.14128	0.022504407
chr22	18450001	18550000	796	848	18500000	-0.16367	0.010143059
chr22	18600001	18700000	369	387	18650000	-0.14108	0.02265636
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chr22	18800001	18900000	203	172	18850000	0.166699	0.009211011
chr22	18900001	19000000	603	644	18950000	-0.16727	0.008847127
chr22	18950001	19050000	747	847	1.90E+07	-0.25363	0.000167823
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chr22	19100001	19200000	968	1074	19150000	-0.22229	0.000825316
chr22	19400001	19500000	994	1044	19450000	-0.14318	0.021110938
chr22	19550001	19650000	993	1028	19600000	-0.12235	0.04124187
chr22	19600001	19700000	997	1046	19650000	-0.14159	0.022274894

chr22	19650001	19750000	1034	1255	19700000	-0.35182	3.72E-07
chr22	19700001	19800000	1073	1338	19750000	-0.3908	2.08E-08
chr22	19750001	19850000	1064	1128	19800000	-0.15664	0.013150895
chr22	19800001	19900000	1026	1143	19850000	-0.22817	0.000620345
chr22	19850001	19950000	959	1103	19900000	-0.2742	5.36E-05
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chr22	20100001	20200000	1056	1284	20150000	-0.35441	3.09E-07
chr22	20150001	20250000	1139	1358	20200000	-0.32609	2.17E-06
chr22	20200001	20300000	877	1052	20250000	-0.33486	1.20E-06
chr22	20250001	20350000	368	444	20300000	-0.34323	6.79E-07
chr22	20300001	20400000	90	107	20350000	-0.32199	2.84E-06
chr22	20350001	20450000	12	16	20400000	-0.48741	5.63E-12
chr22	20400001	20500000	11	14	20450000	-0.4203	1.98E-09
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chr22	20600001	20700000	8	5	20650000	0.6057	7.32E-17
chr22	20700001	20800000	689	726	20750000	-0.14784	0.017985082
chr22	20750001	20850000	939	1027	20800000	-0.20161	0.002144478
chr22	20800001	20900000	848	907	20850000	-0.16941	0.008150407
chr22	20850001	20950000	907	975	20900000	-0.17667	0.006129485
chr22	20900001	21000000	956	1015	20950000	-0.15877	0.012167331
chr22	21050001	21150000	653	682	21100000	-0.13506	0.027651494
chr22	21200001	21300000	801	832	21250000	-0.12715	0.035573936
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chr22	21600001	21700000	13	19	21650000	-0.61986	7.70E-18
chr22	21750001	21850000	142	160	21800000	-0.24455	0.000270984
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chr22	21850001	21950000	288	312	21900000	-0.18785	0.003881164
chr22	22250001	22350000	946	1018	22300000	-0.1782	0.005766366
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chr22	23350001	23450000	979	1111	23400000	-0.25485	0.000157139
chr22	23400001	23500000	1086	1198	23450000	-0.21398	0.001222668
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chr22	23600001	23700000	659	709	23650000	-0.17788	0.005840499
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chr22	23900001	24000000	714	769	23950000	-0.17943	0.005486812
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chr22	24350001	24450000	606	664	24400000	-0.20424	0.001907587
chr22	24400001	24500000	962	1072	24450000	-0.22857	0.000608233
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chr22	24550001	24650000	830	863	24600000	-0.12862	0.033976381
chr22	24600001	24700000	505	535	24650000	-0.15563	0.013642957
chr22	24750001	24850000	968	1046	24800000	-0.18418	0.004521158
chr22	24800001	24900000	1026	1081	24850000	-0.14771	0.018066428
chr22	25100001	25200000	814	842	25150000	-0.12116	0.04274423
chr22	25150001	25250000	867	938	25200000	-0.18593	0.004204974
chr22	25550001	25650000	874	926	25600000	-0.15575	0.013582196
chr22	25700001	25800000	737	783	25750000	-0.15972	0.011749136
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chr22	26400001	26500000	1066	1107	26450000	-0.12682	0.03594536
chr22	26600001	26700000	1041	1127	26650000	-0.18689	0.004040011
chr22	26650001	26750000	962	1052	26700000	-0.2014	0.002164837
chr22	26750001	26850000	977	1034	26800000	-0.15418	0.014374548
chr22	27450001	27550000	1095	1155	27500000	-0.14933	0.017069478
chr22	27650001	27750000	1108	1199	27700000	-0.18625	0.004149786
chr22	27700001	27800000	1070	1181	27750000	-0.21477	0.00117822
chr22	27850001	27950000	1093	1168	27900000	-0.16812	0.008565698
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chr22	28000001	28100000	1068	1114	28050000	-0.13321	0.029360002
chr22	28100001	28200000	1069	1106	28150000	-0.12146	0.042361612
chr22	28150001	28250000	1012	1132	28200000	-0.23404	0.000463633
chr22	28200001	28300000	982	1023	28250000	-0.13138	0.031130842
chr22	28400001	28500000	984	858	28450000	0.125309	0.037985686
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chr22	28500001	28600000	922	798	28550000	0.136006	0.027094003
chr22	28650001	28750000	948	797	28700000	0.177936	0.005956918
chr22	28800001	28900000	1040	908	28850000	0.123448	0.040205646
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chr22	29000001	29100000	664	573	29050000	0.140276	0.023545963
chr22	29500001	29600000	891	947	29550000	-0.16031	0.011495331
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chr22	29600001	29700000	998	1044	29650000	-0.13738	0.025627276
chr22	29700001	29800000	852	919	29750000	-0.18158	0.005028102
chr22	29750001	29850000	656	688	29800000	-0.14108	0.02265636
chr22	30100001	30200000	1014	1069	30150000	-0.14858	0.017528021
chr22	30150001	30250000	956	991	30200000	-0.12425	0.038919614
chr22	30550001	30650000	1024	1081	30600000	-0.15052	0.016370824
chr22	30600001	30700000	993	1177	30650000	-0.31762	3.78E-06
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chr22	30700001	30800000	988	1051	30750000	-0.16155	0.010978248
chr22	30750001	30850000	944	1025	30800000	-0.19114	0.003378645
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chr22	31100001	31200000	855	884	31150000	-0.12049	0.04361376
chr22	31250001	31350000	1021	1064	31300000	-0.13189	0.030633469
chr22	31400001	31500000	807	843	31450000	-0.13534	0.027404727
chr22	31450001	31550000	908	1014	31500000	-0.23167	0.000521891
chr22	31500001	31600000	880	953	31550000	-0.18734	0.003963953
chr22	31650001	31750000	946	997	31700000	-0.14813	0.017805824
chr22	31700001	31800000	800	859	31750000	-0.17503	0.006542695
chr22	31800001	31900000	799	849	31850000	-0.15994	0.011653556
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chr22	32000001	32100000	853	884	32050000	-0.12387	0.039367916
chr22	32100001	32200000	850	695	32150000	0.218078	0.001048673
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chr22	33350001	33450000	941	1053	33400000	-0.23461	0.000450466
chr22	34400001	34500000	995	1053	34450000	-0.15411	0.014410047
chr22	34450001	34550000	947	992	34500000	-0.13935	0.024011746
chr22	35400001	35500000	987	1023	35450000	-0.12406	0.039147293
chr22	35500001	35600000	945	1006	35550000	-0.16262	0.010550957
chr22	35550001	35650000	842	944	35600000	-0.23734	0.000392524
chr22	35700001	35800000	961	993	35750000	-0.11963	0.044757893
chr22	35750001	35850000	961	1000	35800000	-0.12976	0.032774395
chr22	35800001	35900000	958	1105	35850000	-0.27832	4.23E-05
chr22	35850001	35950000	1012	1051	35900000	-0.12693	0.035827415
chr22	35950001	36050000	1043	1115	3.60E+07	-0.16868	0.00838413
chr22	36450001	36550000	824	868	36500000	-0.14742	0.018246234
chr22	36500001	36600000	898	957	36550000	-0.16418	0.009951165
chr22	36550001	36650000	875	909	36600000	-0.12737	0.03533507
chr22	36700001	36800000	919	966	36750000	-0.14433	0.020296808
chr22	36950001	37050000	1034	1130	3.70E+07	-0.20046	0.002256639
chr22	37350001	37450000	1011	1056	37400000	-0.1352	0.027527445
chr22	37400001	37500000	1039	1260	37450000	-0.3506	4.05E-07
chr22	37450001	37550000	1056	1297	37500000	-0.36894	1.08E-07
chr22	37500001	37600000	1111	1147	37550000	-0.11838	0.046455585
chr22	37600001	37700000	1062	1193	37650000	-0.24018	0.00033956
chr22	37650001	37750000	1083	1258	37700000	-0.28847	2.33E-05
chr22	37700001	37800000	1157	1296	37750000	-0.23605	0.000418997
chr22	37750001	37850000	1135	1242	37800000	-0.20234	0.002075737
chr22	37800001	37900000	1042	1177	37850000	-0.24813	0.000224718
chr22	37850001	37950000	953	1135	37900000	-0.32452	2.41E-06
chr22	37900001	38000000	869	966	37950000	-0.22504	0.00072264
chr22	37950001	38050000	898	939	3.80E+07	-0.13678	0.026138439
chr22	38000001	38100000	877	991	38050000	-0.24868	0.000218308
chr22	38050001	38150000	901	938	38100000	-0.13043	0.032086833

chr22	38200001	38300000	850	882	38250000	-0.12569	0.03722986
chr22	38250001	38350000	797	865	38300000	-0.19049	0.003472299
chr22	38400001	38500000	981	1095	38450000	-0.23098	0.000540014
chr22	38450001	38550000	939	1050	38500000	-0.23356	0.000474734
chr22	38550001	38650000	966	1019	38600000	-0.14943	0.017011546
chr22	38600001	38700000	925	984	38650000	-0.16158	0.010967948
chr22	38650001	38750000	857	902	38700000	-0.1462	0.019032058
chr22	38700001	38800000	543	576	38750000	-0.15749	0.012751179
chr22	38950001	39050000	895	771	3.90E+07	0.142785	0.02165053
chr22	39050001	39150000	930	994	39100000	-0.16839	0.00847793
chr22	39100001	39200000	1010	1139	39150000	-0.24578	0.000254139
chr22	39150001	39250000	1032	1070	39200000	-0.12454	0.038570688
chr22	39400001	39500000	607	630	39450000	-0.12603	0.036840729
chr22	39450001	39550000	758	817	39500000	-0.18051	0.005252406
chr22	39550001	39650000	987	1040	39600000	-0.14783	0.017987601
chr22	39600001	39700000	1025	1114	39650000	-0.1925	0.003188494
chr22	39800001	39900000	1013	1135	39850000	-0.23643	0.000411003
chr22	39850001	39950000	1043	1135	39900000	-0.19432	0.002948177
chr22	39900001	40000000	1047	1172	39950000	-0.23508	0.000439896
chr22	39950001	40050000	1096	1277	4.00E+07	-0.29288	1.78E-05
chr22	40000001	40100000	1150	1289	40050000	-0.23699	0.000399513
chr22	40050001	40150000	1148	1197	40100000	-0.13267	0.029871827
chr22	40900001	41000000	913	787	40950000	0.141879	0.022319261
chr22	41050001	41150000	848	743	41100000	0.11833	0.046858031
chr22	41650001	41750000	826	871	41700000	-0.1489	0.017329032
chr22	41700001	41800000	870	985	41750000	-0.25148	0.000188206
chr22	41750001	41850000	835	870	41800000	-0.13161	0.030905059
chr22	41850001	41950000	873	928	41900000	-0.16051	0.011408816
chr22	41900001	42000000	920	964	41950000	-0.13977	0.023675084
chr22	42100001	42200000	811	842	42150000	-0.12649	0.03631541
chr22	42150001	42250000	900	953	42200000	-0.15492	0.013994233
chr22	42200001	42300000	941	981	42250000	-0.13243	0.030104955
chr22	42250001	42350000	986	1049	42300000	-0.16173	0.010906809
chr22	42450001	42550000	778	802	42500000	-0.1162	0.049530207
chr22	42550001	42650000	1030	897	42600000	0.127093	0.035953416
chr22	42650001	42750000	1141	1265	42700000	-0.22121	0.00086902
chr22	42700001	42800000	1037	1188	42750000	-0.26849	7.42E-05
chr22	42750001	42850000	949	1037	42800000	-0.20031	0.00227169
chr22	42800001	42900000	780	827	42850000	-0.15678	0.013082102
chr22	42850001	42950000	518	609	42900000	-0.30586	8.01E-06
chr22	42900001	43000000	495	571	42950000	-0.27843	4.20E-05
chr22	42950001	43050000	709	765	4.30E+07	-0.18205	0.004934064
chr22	43000001	43100000	856	907	43050000	-0.15586	0.013526844
chr22	43050001	43150000	826	869	43100000	-0.14559	0.019441418
chr22	43250001	43350000	971	1010	43300000	-0.12918	0.033379709
chr22	43450001	43550000	776	844	43500000	-0.19356	0.003046926
chr22	43500001	43600000	861	1036	43550000	-0.33931	8.89E-07

chr22	43550001	43650000	1021	1198	43600000	-0.30302	9.57E-06
chr22	43600001	43700000	1130	1269	43650000	-0.23974	0.000347312
chr22	43650001	43750000	1074	1189	43700000	-0.21913	0.000959744
chr22	43750001	43850000	1050	1092	43800000	-0.12896	0.033620948
chr22	43800001	43900000	1086	1204	43850000	-0.22118	0.000870155
chr22	43850001	43950000	1085	1123	43900000	-0.12203	0.041633495
chr22	44150001	44250000	1042	1113	44200000	-0.16747	0.008781196
chr22	44200001	44300000	995	1167	44250000	-0.30241	9.94E-06
chr22	44250001	44350000	987	1079	44300000	-0.20094	0.00220868
chr22	44500001	44600000	1005	1088	44550000	-0.18685	0.00404581
chr22	44550001	44650000	916	1012	44600000	-0.21616	0.001103912
chr22	44600001	44700000	884	973	44650000	-0.21077	0.001418419
chr22	44650001	44750000	1096	1255	44700000	-0.26781	7.70E-05
chr22	44700001	44800000	1142	1293	44750000	-0.25153	0.000187692
chr22	44750001	44850000	1068	1147	44800000	-0.17533	0.006466508
chr22	44800001	44900000	984	1040	44850000	-0.15223	0.015413114
chr22	44850001	44950000	974	1011	44900000	-0.12616	0.03668805
chr22	44900001	45000000	980	1086	44950000	-0.22054	0.000897209
chr22	44950001	45050000	998	1125	4.50E+07	-0.24519	0.000262209
chr22	45000001	45100000	965	1064	45050000	-0.21327	0.001263487
chr22	45050001	45150000	942	1098	45100000	-0.29345	1.72E-05
chr22	45100001	45200000	933	1069	45150000	-0.26868	7.34E-05
chr22	45200001	45300000	983	1040	45250000	-0.15369	0.014627001
chr22	45250001	45350000	989	1151	45300000	-0.29122	1.97E-05
chr22	45300001	45400000	1075	1206	45350000	-0.23827	0.000374475
chr22	45350001	45450000	1035	1109	45400000	-0.172	0.007370545
chr22	45400001	45500000	939	1029	45450000	-0.20442	0.001892219
chr22	45450001	45550000	909	951	45500000	-0.13754	0.025496611
chr22	45550001	45650000	888	962	45600000	-0.18785	0.003881164
chr22	45600001	45700000	854	1006	45650000	-0.30869	6.70E-06
chr22	45650001	45750000	899	979	45700000	-0.19536	0.002819522
chr22	45800001	45900000	869	898	45850000	-0.11973	0.044621703
chr22	45850001	45950000	884	979	45900000	-0.21963	0.000936868
chr22	45900001	46000000	979	1048	45950000	-0.17063	0.007774579
chr22	46200001	46300000	1114	1149	46250000	-0.117	0.048384225
chr22	46250001	46350000	1074	1230	46300000	-0.26804	7.61E-05
chr22	46300001	46400000	1128	1322	46350000	-0.30133	1.06E-05
chr22	46350001	46450000	1067	1236	46400000	-0.28449	2.95E-05
chr22	46400001	46500000	1056	1203	46450000	-0.2604	0.000116242
chr22	46450001	46550000	1059	1219	46500000	-0.27537	5.02E-05
chr22	46500001	46600000	933	1064	46550000	-0.26192	0.000106912
chr22	46650001	46750000	1016	1051	46700000	-0.12123	0.042653066
chr22	46750001	46850000	1041	1119	46800000	-0.17661	0.006144097
chr22	46800001	46900000	932	1073	46850000	-0.27562	4.94E-05
chr22	46850001	46950000	932	1020	46900000	-0.20254	0.002057862
chr22	46950001	47050000	990	1041	4.70E+07	-0.14484	0.019944818
chr22	47000001	47100000	1024	1159	47050000	-0.25104	0.000192699

chr22	47050001	47150000	1047	1160	47100000	-0.22024	0.000910446
chr22	47100001	47200000	1023	1151	47150000	-0.24245	0.000302124
chr22	47150001	47250000	1001	1071	47200000	-0.16989	0.008001182
chr22	47200001	47300000	1021	1055	47250000	-0.11963	0.044754088
chr22	47250001	47350000	1022	1131	47300000	-0.21858	0.000985149
chr22	47350001	47450000	1132	1170	47400000	-0.12001	0.044255721
chr22	47400001	47500000	1039	1191	47450000	-0.26935	7.07E-05
chr22	47450001	47550000	1028	1181	47500000	-0.27254	5.90E-05
chr22	47500001	47600000	1066	1313	47550000	-0.37303	7.98E-08
chr22	47550001	47650000	1057	1206	47600000	-0.26263	0.000102833
chr22	47600001	47700000	1033	1103	47650000	-0.16696	0.008952545
chr22	47650001	47750000	1028	1070	47700000	-0.13014	0.032383623
chr22	47700001	47800000	1080	1116	47750000	-0.11968	0.044693179
chr22	47750001	47850000	1049	1156	47800000	-0.2125	0.00130943
chr22	47950001	48050000	1042	1101	4.80E+07	-0.15183	0.015630419
chr22	48000001	48100000	1054	1145	48050000	-0.19184	0.003278486
chr22	48100001	48200000	1031	1072	48150000	-0.12863	0.033964263
chr22	48150001	48250000	999	1069	48200000	-0.17008	0.007942945
chr22	48400001	48500000	1016	1128	48450000	-0.22324	0.000788378
chr22	48450001	48550000	1036	1179	48500000	-0.25891	0.000126091
chr22	48500001	48600000	1046	1139	48550000	-0.19526	0.00283208
chr22	48550001	48650000	1089	1142	48600000	-0.14093	0.022773893
chr22	48600001	48700000	1082	1141	48650000	-0.14897	0.017288252
chr22	48650001	48750000	1097	1210	48700000	-0.21382	0.001231821
chr22	48700001	48800000	1120	1166	48750000	-0.13044	0.032078441
chr22	48850001	48950000	1089	1202	48900000	-0.2148	0.001176308
chr22	48900001	49000000	1151	1357	48950000	-0.3099	6.21E-06
chr22	48950001	49050000	1089	1352	4.90E+07	-0.38446	3.38E-08
chr22	49000001	49100000	1044	1251	49050000	-0.33333	1.34E-06
chr22	49050001	49150000	1069	1134	49100000	-0.15753	0.012731571
chr22	49150001	49250000	1080	1137	49200000	-0.14657	0.018791278
chr22	49200001	49300000	1045	1129	49250000	-0.18391	0.004570106
chr22	49350001	49450000	994	1050	49400000	-0.15144	0.015846708
chr22	49400001	49500000	1046	1168	49450000	-0.23153	0.000525431
chr22	49450001	49550000	1074	1153	49500000	-0.17477	0.006610259
chr22	49600001	49700000	1057	1116	49650000	-0.15073	0.016249512
chr22	49650001	49750000	1057	1094	49700000	-0.12201	0.04166569
chr22	49800001	49900000	1008	1102	49850000	-0.201	0.002203246
chr22	49850001	49950000	1072	1122	49900000	-0.13814	0.024993998
chr22	49900001	50000000	1100	1146	49950000	-0.13148	0.031039266
chr22	49950001	50050000	1110	1196	5.00E+07	-0.18003	0.005355698
chr22	50000001	50100000	1107	1224	50050000	-0.21732	0.001045361
chr22	50050001	50150000	1008	1146	50100000	-0.25748	0.000136285
chr22	50100001	50200000	1024	1148	50150000	-0.23728	0.000393714
chr22	50150001	50250000	984	1084	50200000	-0.21201	0.001339571
chr22	50200001	50300000	896	934	50250000	-0.1323	0.030235218
chr22	50250001	50350000	939	1061	50300000	-0.2486	0.000219238

chr22	50300001	50400000	672	844	50350000	-0.40115	9.25E-09
chr22	50350001	50450000	504	593	50400000	-0.30698	7.47E-06
chr22	50400001	50500000	798	908	50450000	-0.25868	0.000127725
chr22	50450001	50550000	903	1005	50500000	-0.22677	0.000664258
chr22	50500001	50600000	871	945	50550000	-0.19001	0.003543355
chr22	50550001	50650000	978	1097	50600000	-0.23803	0.000378998
chr22	50600001	50700000	992	1166	50650000	-0.30553	8.18E-06
chr22	50650001	50750000	997	1239	50700000	-0.38588	3.03E-08
chr22	50700001	50800000	968	1173	50750000	-0.3495	4.38E-07
chr22	50750001	50850000	834	897	50800000	-0.17743	0.00594593
chr22	50800001	50900000	862	922	50850000	-0.16945	0.008137645
chr22	50850001	50950000	955	1079	50900000	-0.24849	0.00022046
chr22	50900001	51000000	968	1081	50950000	-0.23166	0.000522043
chr22	50950001	51050000	963	1147	5.10E+07	-0.32463	2.39E-06
chr22	51000001	51100000	866	1017	51050000	-0.30425	8.86E-06
chr22	51050001	51150000	858	889	51100000	-0.12358	0.039724494
chr22	51100001	51200000	831	874	51150000	-0.14516	0.019730453
chr22	51150001	51250000	366	403	51200000	-0.21131	0.001383429
chr22	51200001	51300000	17	23	51250000	-0.50847	7.76E-13
chr14	19150001	19250000	15	12	19200000	0.249556	0.000220671
chr14	19200001	19300000	51	33	19250000	0.555659	1.25E-14
chr14	19250001	19350000	62	44	19300000	0.422393	2.15E-09
chr14	19300001	19400000	20	21	19350000	-0.14276	0.02141004
chr14	19350001	19450000	87	72	19400000	0.200647	0.00230796
chr14	19450001	19550000	77	88	19500000	-0.26502	9.01E-05
chr14	19600001	19700000	51	39	19650000	0.314651	5.12E-06
chr14	19650001	19750000	21	13	19700000	0.619506	1.68E-17
chr14	19700001	19800000	191	141	19750000	0.365506	1.65E-07
chr14	19750001	19850000	217	163	19800000	0.340451	9.44E-07
chr14	19800001	19900000	50	53	19850000	-0.15644	0.013249006
chr14	19850001	19950000	16	26	19900000	-0.77281	8.72E-26
chr14	19900001	20000000	3	6	19950000	-1.07237	8.26E-44
chr14	20000001	20100000	28	21	20050000	0.342666	8.12E-07
chr14	20050001	20150000	55	42	20100000	0.316671	4.50E-06
chr14	20100001	20200000	125	135	20150000	-0.1834	0.004667224
chr14	20450001	20550000	953	807	20500000	0.167536	0.00892373
chr14	20500001	20600000	862	718	20550000	0.191332	0.003442279
chr14	21250001	21350000	769	799	21300000	-0.12758	0.03509902
chr14	21500001	21600000	1015	1064	21550000	-0.14039	0.023190168
chr14	21550001	21650000	872	958	21600000	-0.20807	0.001604528
chr14	21800001	21900000	860	895	21850000	-0.12992	0.032609557
chr14	23050001	23150000	861	749	23100000	0.128676	0.034225495
chr14	23250001	23350000	903	951	23300000	-0.14709	0.018457138
chr14	23450001	23550000	931	994	23500000	-0.16684	0.008996321
chr14	23500001	23600000	1022	1070	23550000	-0.13859	0.024625966
chr14	23750001	23850000	1009	1095	23800000	-0.19038	0.003489353
chr14	23800001	23900000	1012	1117	23850000	-0.21479	0.001177025

chr14	24400001	24500000	275	311	24450000	-0.24985	0.000205168
chr14	24550001	24650000	933	978	24600000	-0.14033	0.023237599
chr14	24650001	24750000	988	1068	24700000	-0.1847	0.004424287
chr14	24700001	24800000	1059	1189	24750000	-0.23942	0.000353097
chr14	24750001	24850000	1022	1149	24800000	-0.24136	0.000319713
chr14	24800001	24900000	1071	1149	24850000	-0.17379	0.006870423
chr14	25750001	25850000	875	767	25800000	0.117685	0.047756936
chr14	26050001	26150000	967	842	26100000	0.127324	0.035696666
chr14	26250001	26350000	1014	871	26300000	0.146941	0.018795257
chr14	26300001	26400000	1033	897	26350000	0.131289	0.031523776
chr14	26700001	26800000	935	816	26750000	0.124025	0.03950537
chr14	26850001	26950000	1058	928	26900000	0.116771	0.049052477
chr14	26900001	27000000	1075	841	26950000	0.281787	3.75E-05
chr14	26950001	27050000	1020	871	2.70E+07	0.155453	0.013938628
chr14	27000001	27100000	1030	902	27050000	0.119073	0.045840522
chr14	27050001	27150000	903	785	27100000	0.129662	0.033184517
chr14	27300001	27400000	1025	896	27350000	0.121682	0.042408661
chr14	27650001	27750000	935	801	27700000	0.150792	0.016442987
chr14	27700001	27800000	976	834	27750000	0.154462	0.014441506
chr14	27850001	27950000	1065	870	27900000	0.219394	0.000985907
chr14	27900001	28000000	1020	847	27950000	0.195764	0.002851477
chr14	28100001	28200000	1022	878	28150000	0.146731	0.018931839
chr14	28150001	28250000	834	673	28200000	0.237069	0.000418037
chr14	28200001	28300000	399	323	28250000	0.232483	0.000525015
chr14	28250001	28350000	490	409	28300000	0.188309	0.003906444
chr14	28300001	28400000	842	674	28350000	0.2487	0.000230755
chr14	28350001	28450000	969	814	28400000	0.179096	0.00568757
chr14	28550001	28650000	994	809	28600000	0.224734	0.000765151
chr14	28600001	28700000	886	762	28650000	0.145144	0.019987935
chr14	29600001	29700000	1034	900	29650000	0.127868	0.03509893
chr14	29650001	29750000	1000	875	29700000	0.120273	0.044234652
chr14	29900001	30000000	963	844	29950000	0.117921	0.047426251
chr14	30100001	30200000	1056	916	30150000	0.132819	0.030025595
chr14	30900001	31000000	1038	890	30950000	0.149557	0.017168104
chr14	30950001	31050000	1046	858	3.10E+07	0.213462	0.001299014
chr14	31000001	31100000	1020	890	31050000	0.12432	0.039152111
chr14	31350001	31450000	980	834	31400000	0.160363	0.011664074
chr14	31400001	31500000	946	806	31450000	0.158689	0.012400344
chr14	31950001	32050000	944	787	3.20E+07	0.190051	0.003632496
chr14	32000001	32100000	985	791	32050000	0.244074	0.000293092
chr14	32050001	32150000	825	706	32100000	0.152354	0.015563739
chr14	32100001	32200000	823	687	32150000	0.188211	0.003922484
chr14	32150001	32250000	903	762	32200000	0.172563	0.00735726
chr14	32450001	32550000	1089	940	32500000	0.1399	0.023842418
chr14	32850001	32950000	920	952	32900000	-0.1217	0.042057897
chr14	32900001	33000000	857	903	32950000	-0.1478	0.018006854
chr14	33000001	33100000	1034	882	33050000	0.157014	0.013177013

chr14	33050001	33150000	1030	889	33100000	0.140017	0.023749464
chr14	33200001	33300000	976	845	33250000	0.135558	0.027491119
chr14	33250001	33350000	877	755	33300000	0.143728	0.02097205
chr14	34300001	34400000	1027	883	34350000	0.145579	0.019693425
chr14	35150001	35250000	858	726	35200000	0.168636	0.008557728
chr14	35200001	35300000	876	741	35250000	0.169086	0.008412173
chr14	35300001	35400000	871	713	35350000	0.216399	0.001134083
chr14	35350001	35450000	842	710	35400000	0.173629	0.007058164
chr14	35450001	35550000	810	691	35500000	0.156864	0.013248319
chr14	35500001	35600000	819	694	35550000	0.166556	0.009261064
chr14	35700001	35800000	931	788	35750000	0.168214	0.008696662
chr14	35950001	36050000	1000	860	3.60E+07	0.14522	0.019936409
chr14	36000001	36100000	969	809	36050000	0.187985	0.00395938
chr14	36050001	36150000	909	772	36100000	0.163308	0.01046091
chr14	36100001	36200000	924	810	36150000	0.117599	0.047877006
chr14	36250001	36350000	807	862	36300000	-0.16749	0.008774184
chr14	36500001	36600000	932	991	36550000	-0.16093	0.011235971
chr14	36600001	36700000	924	801	36650000	0.133719	0.02917205
chr14	37050001	37150000	990	1061	37100000	-0.1723	0.007285873
chr14	37500001	37600000	1034	900	37550000	0.127868	0.03509893
chr14	37700001	37800000	954	833	37750000	0.123301	0.040384839
chr14	37750001	37850000	828	719	37800000	0.131267	0.03154513
chr14	38500001	38600000	1020	894	38550000	0.117851	0.04752453
chr14	38650001	38750000	908	959	38700000	-0.15121	0.015977984
chr14	38750001	38850000	1012	879	38800000	0.130902	0.031911547
chr14	38800001	38900000	1044	868	38850000	0.193983	0.003076856
chr14	39200001	39300000	1002	847	39250000	0.170077	0.00809867
chr14	39250001	39350000	1051	912	39300000	0.132285	0.030541033
chr14	39450001	39550000	927	810	39500000	0.122276	0.041656805
chr14	39500001	39600000	924	771	39550000	0.18879	0.003829004
chr14	39700001	39800000	858	750	39750000	0.121715	0.042365622
chr14	39750001	39850000	865	731	39800000	0.170457	0.007981226
chr14	39900001	40000000	912	778	39950000	0.156892	0.013235185
chr14	40600001	40700000	931	811	40650000	0.126707	0.036384531
chr14	40700001	40800000	950	819	40750000	0.141692	0.022459628
chr14	40750001	40850000	864	719	40800000	0.192668	0.003253544
chr14	40800001	40900000	879	766	40850000	0.126147	0.037019405
chr14	40850001	40950000	1032	866	40900000	0.180632	0.005347748
chr14	40900001	41000000	1070	873	40950000	0.221185	0.000906048
chr14	40950001	41050000	1050	858	4.10E+07	0.218968	0.001005848
chr14	41000001	41100000	1007	849	41050000	0.173855	0.006996163
chr14	41050001	41150000	1013	855	41100000	0.172266	0.007442587
chr14	41100001	41200000	1019	863	41150000	0.16735	0.008986912
chr14	41250001	41350000	1008	862	41300000	0.153364	0.015016998
chr14	41300001	41400000	982	844	41350000	0.146108	0.01934025
chr14	41450001	41550000	1037	889	41500000	0.149789	0.0170302
chr14	41500001	41600000	1028	900	41550000	0.119472	0.045302328

chr14	41700001	41800000	941	809	41750000	0.145683	0.019623464
chr14	41850001	41950000	1032	904	41900000	0.118677	0.046381595
chr14	41900001	42000000	963	839	41950000	0.126493	0.036626173
chr14	42250001	42350000	1087	872	42300000	0.24558	0.000271251
chr14	42300001	42400000	989	847	42350000	0.151237	0.016188546
chr14	42350001	42450000	957	823	42400000	0.145255	0.019912595
chr14	42400001	42500000	1042	822	42450000	0.269773	7.41E-05
chr14	42450001	42550000	1029	843	42500000	0.215267	0.001195231
chr14	42500001	42600000	983	819	42550000	0.190956	0.003497176
chr14	42550001	42650000	962	835	42600000	0.131889	0.030928683
chr14	42650001	42750000	960	819	42700000	0.156799	0.013279557
chr14	42700001	42800000	908	769	42750000	0.167337	0.008991305
chr14	42850001	42950000	965	824	42900000	0.155513	0.013908628
chr14	42900001	43000000	990	833	42950000	0.17674	0.006246142
chr14	42950001	43050000	1016	873	4.30E+07	0.146475	0.019098621
chr14	43000001	43100000	1056	849	43050000	0.242402	0.000319273
chr14	43050001	43150000	1047	862	43100000	0.20813	0.001655689
chr14	43200001	43300000	946	823	43250000	0.128576	0.034332329
chr14	43250001	43350000	987	845	43300000	0.151727	0.015911839
chr14	43300001	43400000	1034	853	43350000	0.205247	0.001883902
chr14	43500001	43600000	926	795	43550000	0.147686	0.018319443
chr14	43550001	43650000	1067	864	43600000	0.232085	0.000535397
chr14	43600001	43700000	1103	894	43650000	0.230714	0.000572673
chr14	43650001	43750000	931	743	43700000	0.253047	0.000183687
chr14	43700001	43800000	896	764	43750000	0.157554	0.012921877
chr14	43800001	43900000	875	754	43850000	0.142347	0.021972058
chr14	43850001	43950000	956	778	43900000	0.224869	0.000760239
chr14	43900001	44000000	944	769	43950000	0.223431	0.000814341
chr14	43950001	44050000	939	796	4.40E+07	0.165985	0.009462807
chr14	44000001	44100000	942	790	44050000	0.181503	0.005163358
chr14	44100001	44200000	986	852	44150000	0.138362	0.025084531
chr14	44150001	44250000	982	778	44200000	0.263581	0.000104265
chr14	44250001	44350000	1032	905	44300000	0.117082	0.048609211
chr14	44300001	44400000	1078	892	44350000	0.20087	0.002285544
chr14	44350001	44450000	1035	860	44400000	0.19485	0.002965118
chr14	44400001	44500000	951	829	44450000	0.125701	0.037530536
chr14	44450001	44550000	930	811	44500000	0.125157	0.038162969
chr14	44600001	44700000	956	827	44650000	0.136752	0.0264443
chr14	44650001	44750000	979	846	44700000	0.138279	0.025153141
chr14	44750001	44850000	997	799	44800000	0.247026	0.000251717
chr14	44800001	44900000	1008	780	44850000	0.297578	1.47E-05
chr14	45450001	45550000	959	825	45500000	0.144765	0.020247502
chr14	45500001	45600000	941	771	45550000	0.215092	0.001204925
chr14	45550001	45650000	945	806	45600000	0.157163	0.013106307
chr14	46400001	46500000	923	808	46450000	0.119604	0.045125127
chr14	46700001	46800000	973	839	46750000	0.141397	0.022682439
chr14	46750001	46850000	1002	855	46800000	0.156514	0.013416654

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chr14	46900001	47000000	885	676	46950000	0.316282	4.61E-06
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chr14	47200001	47300000	1053	831	47250000	0.269213	7.64E-05
chr14	47250001	47350000	999	826	47300000	0.201971	0.002177748
chr14	47300001	47400000	988	841	47350000	0.160033	0.011805746
chr14	47350001	47450000	1016	860	47400000	0.16812	0.008727737
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chr14	48000001	48100000	1045	916	48050000	0.117712	0.047719068
chr14	48400001	48500000	961	820	48450000	0.156541	0.013403923
chr14	48450001	48550000	1031	855	48500000	0.197676	0.002626101
chr14	49150001	49250000	949	828	49200000	0.124406	0.039050215
chr14	49250001	49350000	997	867	49300000	0.12919	0.033679429
chr14	49850001	49950000	946	975	49900000	-0.11593	0.049923147
chr14	50650001	50750000	904	791	50700000	0.120273	0.044234652
chr14	51500001	51600000	1079	913	51550000	0.168636	0.008557728
chr14	51800001	51900000	1016	891	51850000	0.117031	0.048680702
chr14	51850001	51950000	1040	873	51900000	0.180158	0.005450634
chr14	51900001	52000000	1098	914	51950000	0.19224	0.003312924
chr14	51950001	52050000	1088	922	5.20E+07	0.166468	0.009291865
chr14	52200001	52300000	678	720	52250000	-0.15908	0.012027579
chr14	52900001	53000000	823	865	52950000	-0.14418	0.020401501
chr14	53150001	53250000	968	849	53200000	0.116871	0.048909905
chr14	53200001	53300000	925	759	53250000	0.212982	0.001327958
chr14	53250001	53350000	881	756	53300000	0.148384	0.017882346
chr14	53450001	53550000	1060	911	53500000	0.14617	0.019299703
chr14	54100001	54200000	1121	967	54150000	0.140827	0.023118548
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chr14	54450001	54550000	984	761	54500000	0.29839	1.40E-05
chr14	54500001	54600000	1054	871	54550000	0.202758	0.002103542
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chr14	55150001	55250000	1025	1094	55200000	-0.16636	0.009160909
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chr14	56450001	56550000	966	842	56500000	0.125831	0.037381128
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chr14	61250001	61350000	994	811	61300000	0.221172	0.000906618
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chr14	61600001	61700000	959	990	61650000	-0.11827	0.046605774
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chr14	63000001	63100000	937	819	63050000	0.121814	0.042240271
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chr14	63400001	63500000	986	1062	63450000	-0.1795	0.005472496
chr14	63550001	63650000	914	801	63600000	0.11802	0.04728812
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chr14	64350001	64450000	966	777	64400000	0.241737	0.000330272
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chr14	65150001	65250000	1114	1174	65200000	-0.14805	0.01784938
chr14	65200001	65300000	1074	1224	65250000	-0.26098	0.000112583
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chr14	66000001	66100000	1027	851	66050000	0.198833	0.002497722
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chr14	67350001	67450000	967	823	67400000	0.160252	0.011711648
chr14	67400001	67500000	1004	831	67450000	0.200467	0.002326153
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chr14	69050001	69150000	1093	1148	69100000	-0.1432	0.021092813
chr14	69300001	69400000	974	1034	69350000	-0.15861	0.012236604

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chr14	69400001	69500000	1017	1052	69450000	-0.12119	0.042713854
chr14	69950001	70050000	957	1010	7.00E+07	-0.15014	0.016595131
chr14	70400001	70500000	1103	1150	70450000	-0.13257	0.029967401
chr14	70450001	70550000	1135	1174	70500000	-0.12111	0.042810393
chr14	71200001	71300000	993	862	71250000	0.131734	0.031081279
chr14	72250001	72350000	721	752	72300000	-0.13311	0.029458712
chr14	72300001	72400000	785	814	72350000	-0.12471	0.038371667
chr14	73050001	73150000	1070	1113	73100000	-0.12921	0.033347411
chr14	73100001	73200000	1117	1180	73150000	-0.15153	0.015798442
chr14	73350001	73450000	885	933	73400000	-0.14857	0.017530821
chr14	73650001	73750000	971	1003	73700000	-0.11915	0.045401905
chr14	73750001	73850000	961	838	73800000	0.125214	0.0380959
chr14	73800001	73900000	870	750	73850000	0.141753	0.02241399
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chr14	74950001	75050000	1086	1128	7.50E+07	-0.12711	0.035616453
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chr14	77300001	77400000	912	952	77350000	-0.1343	0.028343521
chr14	77350001	77450000	892	962	77400000	-0.18136	0.005073011
chr14	77400001	77500000	921	968	77450000	-0.14418	0.020402762
chr14	77600001	77700000	986	1063	77650000	-0.18085	0.005179594
chr14	79000001	79100000	974	1004	79050000	-0.11614	0.049626725
chr14	79300001	79400000	918	1003	79350000	-0.20013	0.002289825
chr14	79350001	79450000	953	1005	79400000	-0.14902	0.017258583
chr14	79650001	79750000	989	1021	79700000	-0.11831	0.046546777
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chr14	80800001	80900000	1043	910	80850000	0.124429	0.03902235
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chr14	81500001	81600000	964	837	81550000	0.131434	0.031379019
chr14	81650001	81750000	910	960	81700000	-0.14954	0.016946689
chr14	82750001	82850000	996	834	82800000	0.183727	0.004717737
chr14	82800001	82900000	1027	899	82850000	0.119671	0.045034317
chr14	83100001	83200000	1028	868	83150000	0.171702	0.007607111
chr14	83150001	83250000	966	846	83200000	0.118994	0.045948507
chr14	83800001	83900000	1045	893	83850000	0.154399	0.014473956
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chr14	83950001	84050000	1008	835	8.40E+07	0.199276	0.002450165
chr14	84250001	84350000	1051	907	84300000	0.140216	0.023592871
chr14	84300001	84400000	1060	890	84350000	0.179815	0.005526159
chr14	84650001	84750000	1021	826	84700000	0.233397	0.000501839
chr14	84700001	84800000	1035	902	84750000	0.12606	0.037119157

chr14	84800001	84900000	1067	891	84850000	0.187691	0.004008
chr14	84850001	84950000	1059	895	84900000	0.170371	0.008007582
chr14	85300001	85400000	1042	900	85350000	0.138987	0.024573736
chr14	85350001	85450000	1109	955	85400000	0.143315	0.021267164
chr14	85400001	85500000	1050	893	85450000	0.161285	0.011274689
chr14	85550001	85650000	1054	905	85600000	0.147513	0.018428577
chr14	86250001	86350000	1006	877	86300000	0.12561	0.037636431
chr14	86300001	86400000	914	789	86350000	0.139797	0.023923544
chr14	86500001	86600000	821	710	86550000	0.137191	0.026066978
chr14	86950001	87050000	1084	919	8.70E+07	0.165856	0.009508816
chr14	87000001	87100000	933	814	87050000	0.124477	0.038965712
chr14	87600001	87700000	1070	910	87650000	0.161301	0.011268413
chr14	87900001	88000000	1063	897	87950000	0.17259	0.00734963
chr14	87950001	88050000	1071	922	8.80E+07	0.143748	0.020958128
chr14	88150001	88250000	1004	1047	88200000	-0.13287	0.029678782
chr14	88300001	88400000	986	1028	88350000	-0.13255	0.029986998
chr14	88350001	88450000	944	985	88400000	-0.13371	0.028890763
chr14	88750001	88850000	978	1013	88800000	-0.1231	0.0403081
chr14	88850001	88950000	867	739	88900000	0.158086	0.012675151
chr14	88900001	89000000	878	761	88950000	0.133953	0.028953654
chr14	88950001	89050000	960	842	8.90E+07	0.116842	0.048950421
chr14	89050001	89150000	988	866	89100000	0.117772	0.047634193
chr14	89100001	89200000	951	817	89150000	0.146737	0.018927345
chr14	89350001	89450000	1004	1046	89400000	-0.1315	0.031019392
chr14	90000001	90100000	963	1006	90050000	-0.13539	0.027352383
chr14	90400001	90500000	1020	886	90450000	0.130819	0.03199609
chr14	90600001	90700000	952	811	90650000	0.158888	0.012310613
chr14	90650001	90750000	889	745	90700000	0.182571	0.004944752
chr14	90950001	91050000	1037	1163	9.10E+07	-0.23781	0.000383298
chr14	91000001	91100000	1060	1114	91050000	-0.14406	0.020487146
chr14	91600001	91700000	887	915	91650000	-0.11721	0.048088746
chr14	91700001	91800000	1030	1070	91750000	-0.12734	0.035369071
chr14	91750001	91850000	1036	1149	91800000	-0.22173	0.000847802
chr14	91800001	91900000	940	1017	91850000	-0.18596	0.004199548
chr14	91950001	92050000	798	825	9.20E+07	-0.12038	0.043766622
chr14	92100001	92200000	934	803	92150000	0.145651	0.019645238
chr14	92450001	92550000	827	720	92500000	0.127519	0.035481556
chr14	92500001	92600000	825	714	92550000	0.136098	0.02701305
chr14	92650001	92750000	882	938	92700000	-0.16118	0.011130471
chr14	92800001	92900000	1054	1120	92850000	-0.16	0.011629993
chr14	92850001	92950000	1057	1123	92900000	-0.15975	0.011734038
chr14	92950001	93050000	1057	1093	9.30E+07	-0.12069	0.04335763
chr14	93100001	93200000	998	1056	93150000	-0.15387	0.014534054
chr14	93300001	93400000	918	954	93350000	-0.12787	0.034789532
chr14	93350001	93450000	1044	1168	93400000	-0.23429	0.000457767
chr14	93400001	93500000	1086	1254	93450000	-0.27989	3.86E-05
chr14	93450001	93550000	1140	1232	93500000	-0.18434	0.004490585

chr14	94150001	94250000	1104	1160	94200000	-0.14376	0.020698013
chr14	94200001	94300000	1101	1170	94250000	-0.16007	0.011599878
chr14	94250001	94350000	1028	1095	94300000	-0.16346	0.010221551
chr14	94300001	94400000	1037	1124	94350000	-0.1886	0.003761135
chr14	94350001	94450000	1044	1192	94400000	-0.26363	9.73E-05
chr14	94400001	94500000	1041	1161	94450000	-0.22977	0.00057327
chr14	94450001	94550000	1032	1090	94500000	-0.15126	0.015951634
chr14	94600001	94700000	990	849	94650000	0.149292	0.01732737
chr14	94650001	94750000	967	845	94700000	0.122193	0.041761031
chr14	95000001	95100000	1015	1064	95050000	-0.14039	0.023190168
chr14	95100001	95200000	946	975	95150000	-0.11593	0.049923147
chr14	95150001	95250000	923	964	95200000	-0.13507	0.02763912
chr14	95300001	95400000	1049	1104	95350000	-0.1461	0.019102248
chr14	95450001	95550000	1001	1074	95500000	-0.17392	0.006834876
chr14	95650001	95750000	1060	1097	95700000	-0.12187	0.041840242
chr14	95700001	95800000	1048	1139	95750000	-0.1925	0.003187989
chr14	95750001	95850000	1018	1101	95800000	-0.18545	0.004289391
chr14	95800001	95900000	978	1103	95850000	-0.2459	0.000252631
chr14	95850001	95950000	1039	1119	95900000	-0.17939	0.005496821
chr14	95900001	96000000	1068	1109	95950000	-0.12672	0.036057424
chr14	95950001	96050000	1010	1087	9.60E+07	-0.17837	0.005726847
chr14	96000001	96100000	1008	1062	96050000	-0.14766	0.018096384
chr14	96050001	96150000	963	1053	96100000	-0.20127	0.002177161
chr14	96100001	96200000	959	992	96150000	-0.12118	0.042721219
chr14	96300001	96400000	1086	1128	96350000	-0.12711	0.035616453
chr14	96350001	96450000	1023	1106	96400000	-0.18492	0.004384861
chr14	96400001	96500000	957	1004	96450000	-0.14154	0.022311692
chr14	96650001	96750000	1046	1098	96700000	-0.14237	0.021697674
chr14	96950001	97050000	926	956	9.70E+07	-0.11837	0.046466815
chr14	97150001	97250000	1015	1054	97200000	-0.12677	0.036004281
chr14	97350001	97450000	1030	1095	97400000	-0.16066	0.011348396
chr14	97500001	97600000	1062	1126	97550000	-0.15679	0.013077414
chr14	97550001	97650000	1017	1093	97600000	-0.17635	0.006209639
chr14	98250001	98350000	998	1041	98300000	-0.13323	0.029340363
chr14	98350001	98450000	1081	1118	98400000	-0.12093	0.043051427
chr14	99150001	99250000	1075	1113	99200000	-0.12249	0.041064124
chr14	99400001	99500000	982	1014	99450000	-0.11863	0.04610374
chr14	99650001	99750000	1070	1148	99700000	-0.17388	0.006845702
chr14	99700001	99800000	1022	1101	99750000	-0.17979	0.005407622
chr14	99800001	99900000	1049	1084	99850000	-0.11972	0.044633961
chr14	99850001	99950000	1035	1083	99900000	-0.13777	0.025297615
chr14	99900001	1E+08	1070	1107	99950000	-0.12142	0.04241933
chr14	99950001	1E+08	1095	1239	1.00E+08	-0.25062	0.000197041
chr14	1E+08	1E+08	1092	1294	100050000	-0.31724	3.88E-06
chr14	1E+08	1E+08	1073	1201	100100000	-0.23496	0.000442672
chr14	1E+08	1E+08	999	1151	100150000	-0.2767	4.64E-05
chr14	1E+08	1E+08	1012	1198	100200000	-0.31579	4.26E-06

chr14	1E+08	1.01E+08	1031	890	100500000	0.139795	0.023924951
chr14	1.01E+08	1.01E+08	1031	1070	100600000	-0.12594	0.036942243
chr14	1.01E+08	1.01E+08	911	1002	100650000	-0.20973	0.001487322
chr14	1.01E+08	1.01E+08	988	1022	100750000	-0.12118	0.042717428
chr14	1.01E+08	1.01E+08	955	1009	100800000	-0.15173	0.01568912
chr14	1.01E+08	1.01E+08	945	1026	100850000	-0.19102	0.003395995
chr14	1.01E+08	1.01E+08	1022	1120	100900000	-0.20448	0.001887336
chr14	1.01E+08	1.01E+08	1060	1142	100950000	-0.17987	0.005390344
chr14	1.01E+08	1.01E+08	1112	1312	1.01E+08	-0.31098	5.79E-06
chr14	1.01E+08	1.01E+08	1151	1344	101050000	-0.29602	1.47E-05
chr14	1.01E+08	1.01E+08	1130	1216	101100000	-0.17819	0.005767528
chr14	1.01E+08	1.01E+08	1123	1176	101150000	-0.1389	0.024370213
chr14	1.01E+08	1.01E+08	1083	1134	101300000	-0.13876	0.024485996
chr14	1.01E+08	1.01E+08	1042	1115	101350000	-0.17006	0.007948125
chr14	1.01E+08	1.02E+08	1125	1190	101500000	-0.15341	0.014776246
chr14	1.02E+08	1.02E+08	1078	1274	101550000	-0.31338	4.97E-06
chr14	1.02E+08	1.02E+08	1052	1145	101600000	-0.19458	0.002915387
chr14	1.02E+08	1.02E+08	948	1002	101700000	-0.1523	0.015374661
chr14	1.02E+08	1.02E+08	847	900	101750000	-0.15993	0.011656146
chr14	1.02E+08	1.02E+08	902	1011	101800000	-0.23696	0.000400217
chr14	1.02E+08	1.02E+08	996	1055	101850000	-0.1554	0.0137569
chr14	1.02E+08	1.02E+08	1131	1274	1.02E+08	-0.24414	0.000276886
chr14	1.02E+08	1.02E+08	1107	1215	102050000	-0.20667	0.001709463
chr14	1.03E+08	1.03E+08	823	858	102550000	-0.13246	0.03007907
chr14	1.03E+08	1.03E+08	884	971	102950000	-0.2078	0.001624538
chr14	1.03E+08	1.03E+08	867	928	1.03E+08	-0.17046	0.007824553
chr14	1.03E+08	1.03E+08	842	881	103050000	-0.13769	0.025365096
chr14	1.03E+08	1.03E+08	846	900	103100000	-0.16164	0.010942513
chr14	1.03E+08	1.03E+08	980	1054	103350000	-0.17739	0.005955311
chr14	1.03E+08	1.03E+08	996	1112	103400000	-0.23131	0.000531157
chr14	1.03E+08	1.04E+08	980	1014	103450000	-0.12158	0.04221543
chr14	1.03E+08	1.04E+08	948	1040	103500000	-0.206	0.00176252
chr14	1.04E+08	1.04E+08	983	1162	103550000	-0.31372	4.86E-06
chr14	1.04E+08	1.04E+08	1016	1131	103600000	-0.22707	0.000654563
chr14	1.04E+08	1.04E+08	961	1022	103650000	-0.16116	0.011139737
chr14	1.04E+08	1.04E+08	874	943	103700000	-0.182	0.004944075
chr14	1.04E+08	1.04E+08	911	947	103950000	-0.12829	0.034336571
chr14	1.04E+08	1.04E+08	947	1080	1.04E+08	-0.26197	0.000106643
chr14	1.04E+08	1.04E+08	843	887	104050000	-0.14577	0.019316681
chr14	1.04E+08	1.04E+08	721	766	104100000	-0.15972	0.011750244
chr14	1.04E+08	1.04E+08	856	982	104150000	-0.27048	6.63E-05
chr14	1.04E+08	1.04E+08	984	1039	104200000	-0.15084	0.016190083
chr14	1.04E+08	1.04E+08	864	894	104400000	-0.12162	0.042165053
chr14	1.05E+08	1.05E+08	1054	1120	104550000	-0.16	0.011629993
chr14	1.05E+08	1.05E+08	1098	1386	104600000	-0.40842	5.19E-09
chr14	1.05E+08	1.05E+08	1146	1461	104650000	-0.42272	1.62E-09
chr14	1.05E+08	1.05E+08	1103	1257	104700000	-0.26092	0.000112941

chr14	1.05E+08	1.05E+08	1019	1146	104750000	-0.24182	0.000312081
chr14	1.05E+08	1.05E+08	1055	1245	104800000	-0.31127	5.69E-06
chr14	1.05E+08	1.05E+08	1043	1171	104850000	-0.23937	0.000353895
chr14	1.05E+08	1.05E+08	973	1121	104900000	-0.27665	4.66E-05
chr14	1.05E+08	1.05E+08	988	1126	104950000	-0.261	0.000112495
chr14	1.05E+08	1.05E+08	1069	1142	1.05E+08	-0.16767	0.008713411
chr14	1.05E+08	1.05E+08	1147	1270	105050000	-0.21933	0.000950295
chr14	1.05E+08	1.05E+08	1071	1188	105100000	-0.22195	0.000838843
chr14	1.05E+08	1.05E+08	1016	1262	105150000	-0.38518	3.20E-08
chr14	1.05E+08	1.05E+08	1079	1400	105200000	-0.4481	1.90E-10
chr14	1.05E+08	1.05E+08	1043	1249	105250000	-0.33241	1.42E-06
chr14	1.05E+08	1.05E+08	942	1152	105300000	-0.36271	1.70E-07
chr14	1.05E+08	1.05E+08	951	1137	105350000	-0.33009	1.66E-06
chr14	1.05E+08	1.05E+08	982	1110	105400000	-0.24914	0.000213111
chr14	1.05E+08	1.06E+08	926	1103	105450000	-0.32472	2.38E-06
chr14	1.05E+08	1.06E+08	906	1066	105500000	-0.307	7.46E-06
chr14	1.06E+08	1.06E+08	979	1017	105550000	-0.12731	0.035399483
chr14	1.06E+08	1.06E+08	1132	1209	105600000	-0.16731	0.008834421
chr14	1.06E+08	1.06E+08	1078	1299	105650000	-0.34142	7.69E-07
chr14	1.06E+08	1.06E+08	852	1015	105700000	-0.32493	2.34E-06
chr14	1.06E+08	1.06E+08	981	1072	105800000	-0.20035	0.002267289
chr14	1.06E+08	1.06E+08	1003	1161	105850000	-0.28342	3.14E-05
chr14	1.06E+08	1.06E+08	1034	1237	105900000	-0.33098	1.56E-06
chr14	1.06E+08	1.06E+08	1028	1236	105950000	-0.33821	9.59E-07
chr14	1.06E+08	1.06E+08	830	955	1.06E+08	-0.27476	5.19E-05
chr14	1.06E+08	1.06E+08	503	612	106050000	-0.35535	2.89E-07
chr14	1.06E+08	1.06E+08	327	424	106100000	-0.44715	2.06E-10
chr14	1.06E+08	1.06E+08	291	424	106150000	-0.61542	1.26E-17
chr14	1.06E+08	1.06E+08	336	479	106200000	-0.58394	3.80E-16
chr14	1.06E+08	1.06E+08	659	747	106250000	-0.2532	0.000171679
chr14	1.06E+08	1.06E+08	970	1075	106300000	-0.22065	0.00089253
chr14	1.06E+08	1.06E+08	810	956	106350000	-0.31146	5.62E-06
chr14	1.06E+08	1.06E+08	550	648	106400000	-0.30893	6.60E-06
chr14	1.06E+08	1.07E+08	476	520	106450000	-0.19992	0.002310648
chr14	1.06E+08	1.07E+08	585	608	106500000	-0.12801	0.034637821
chr14	1.07E+08	1.07E+08	317	347	106600000	-0.20282	0.002031865
chr14	1.07E+08	1.07E+08	577	623	106800000	-0.18303	0.004738751
chr14	1.07E+08	1.07E+08	618	661	106850000	-0.16942	0.008148787
chrY	2750001	2850000	0	1	2800000	#NAME?	1.59E-189
chrY	2800001	2900000	0	4	2850000	#NAME?	1.59E-189
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chrY	2900001	3000000	5	2	2950000	1.249556	2.09E-53
chrY	3000001	3100000	2	5	3050000	-1.3943	1.23E-64
chrY	3050001	3150000	1	2	3100000	-1.07237	8.26E-44
chrY	3600001	3700000	3	2	3650000	0.512591	8.10E-13
chrY	3650001	3750000	3	2	3700000	0.512591	8.10E-13
chrY	3900001	4000000	2	1	3950000	0.927628	7.06E-34

chrY	3950001	4050000	4	1	4.00E+06	1.927628	4.39E-93
chrY	4000001	4100000	2	1	4050000	0.927628	7.06E-34
chrY	4450001	4550000	1	3	4500000	-1.65733	2.87E-81
chrY	4500001	4600000	0	2	4550000	#NAME?	1.59E-189
chrY	4700001	4800000	0	1	4750000	#NAME?	1.59E-189
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chrY	5350001	5450000	2	1	5400000	0.927628	7.06E-34
chrY	5500001	5600000	5	4	5550000	0.249556	0.000220671
chrY	5550001	5650000	11	9	5600000	0.217135	0.001095891
chrY	5600001	5700000	8	6	5650000	0.342666	8.12E-07
chrY	5850001	5950000	0	1	5900000	#NAME?	1.59E-189
chrY	5900001	6000000	1	4	5950000	-2.07237	5.62E-105
chrY	5950001	6050000	3	4	6.00E+06	-0.48741	5.63E-12
chrY	6000001	6100000	3	4	6050000	-0.48741	5.63E-12
chrY	6050001	6150000	1	3	6100000	-1.65733	2.87E-81
chrY	6350001	6450000	7	13	6400000	-0.96546	4.15E-37
chrY	6400001	6500000	7	13	6450000	-0.96546	4.15E-37
chrY	6550001	6650000	4	3	6600000	0.342666	8.12E-07
chrY	6650001	6750000	1	2	6700000	-1.07237	8.26E-44
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chrY	7000001	7100000	2	1	7050000	0.927628	7.06E-34
chrY	7050001	7150000	1	2	7100000	-1.07237	8.26E-44
chrY	7100001	7200000	0	2	7150000	#NAME?	1.59E-189
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chrY	7500001	7600000	0	1	7550000	#NAME?	1.59E-189
chrY	7650001	7750000	0	1	7700000	#NAME?	1.59E-189
chrY	7700001	7800000	0	1	7750000	#NAME?	1.59E-189
chrY	8050001	8150000	0	1	8100000	#NAME?	1.59E-189
chrY	8200001	8300000	0	1	8250000	#NAME?	1.59E-189
chrY	9350001	9450000	0	1	9400000	#NAME?	1.59E-189
chrY	9400001	9500000	0	2	9450000	#NAME?	1.59E-189
chrY	9450001	9550000	0	1	9500000	#NAME?	1.59E-189
chrY	9900001	10000000	839	875	9950000	-0.13298	0.029573889
chrY	9950001	10050000	1313	1425	1.00E+07	-0.19047	0.003476037
chrY	10000001	10100000	764	841	10050000	-0.2109	0.001409335
chrY	13050001	13150000	117	138	13100000	-0.31053	5.96E-06
chrY	13100001	13200000	136	163	13150000	-0.33364	1.31E-06
chrY	13150001	13250000	24	33	13200000	-0.5318	8.01E-14
chrY	13250001	13350000	321	338	13300000	-0.14682	0.018630143
chrY	13300001	13400000	85	98	13350000	-0.27769	4.39E-05
chrY	13350001	13450000	325	414	13400000	-0.42156	1.78E-09
chrY	13400001	13500000	2941	3405	13450000	-0.28372	3.08E-05
chrY	13450001	13550000	2667	3044	13500000	-0.26312	0.000100052

chrY	13500001	13600000	32	39	13550000	-0.35777	2.43E-07
chrY	13550001	13650000	69	54	13600000	0.281265	3.86E-05
chrY	13600001	13700000	259	285	13650000	-0.21038	0.001443637
chrY	13650001	13750000	248	304	13700000	-0.3661	1.33E-07
chrY	13700001	13800000	52	64	13750000	-0.37193	8.66E-08
chrY	13750001	13850000	431	494	13800000	-0.26919	7.13E-05
chrY	13800001	13900000	673	820	13850000	-0.35739	2.50E-07
chrY	13850001	13950000	248	330	13900000	-0.4845	7.36E-12
chrY	13900001	14000000	7	5	13950000	0.413055	4.54E-09
chrY	13950001	14050000	3	2	1.40E+07	0.512591	8.10E-13
chrY	14000001	14100000	2	1	14050000	0.927628	7.06E-34
chrY	14100001	14200000	0	1	14150000	#NAME?	1.59E-189
chrY	14150001	14250000	0	1	14200000	#NAME?	1.59E-189
chrY	14500001	14600000	1	4	14550000	-2.07237	5.62E-105
chrY	14550001	14650000	1	3	14600000	-1.65733	2.87E-81
chrY	14850001	14950000	2	1	14900000	0.927628	7.06E-34
chrY	14950001	15050000	0	1	1.50E+07	#NAME?	1.59E-189
chrY	15250001	15350000	0	1	15300000	#NAME?	1.59E-189
chrY	15300001	15400000	0	2	15350000	#NAME?	1.59E-189
chrY	15350001	15450000	0	1	15400000	#NAME?	1.59E-189
chrY	15550001	15650000	0	4	15600000	#NAME?	1.59E-189
chrY	15600001	15700000	0	4	15650000	#NAME?	1.59E-189
chrY	15750001	15850000	2	1	15800000	0.927628	7.06E-34
chrY	15800001	15900000	3	2	15850000	0.512591	8.10E-13
chrY	15850001	15950000	1	3	15900000	-1.65733	2.87E-81
chrY	15900001	16000000	1	4	15950000	-2.07237	5.62E-105
chrY	15950001	16050000	1	3	1.60E+07	-1.65733	2.87E-81
chrY	16200001	16300000	2	1	16250000	0.927628	7.06E-34
chrY	16250001	16350000	2	3	16300000	-0.65733	1.11E-19
chrY	16300001	16400000	2	3	16350000	-0.65733	1.11E-19
chrY	16350001	16450000	0	1	16400000	#NAME?	1.59E-189
chrY	16550001	16650000	0	1	16600000	#NAME?	1.59E-189
chrY	16600001	16700000	0	1	16650000	#NAME?	1.59E-189
chrY	17300001	17400000	2	1	17350000	0.927628	7.06E-34
chrY	17400001	17500000	0	1	17450000	#NAME?	1.59E-189
chrY	17500001	17600000	0	1	17550000	#NAME?	1.59E-189
chrY	17550001	17650000	0	1	17600000	#NAME?	1.59E-189
chrY	17700001	17800000	0	1	17750000	#NAME?	1.59E-189
chrY	17750001	17850000	1	7	17800000	-2.87973	1.87E-139
chrY	17800001	17900000	1	6	17850000	-2.65733	1.79E-131
chrY	17900001	18000000	3	1	17950000	1.512591	1.57E-69
chrY	18000001	18100000	0	2	18050000	#NAME?	1.59E-189
chrY	18050001	18150000	0	2	18100000	#NAME?	1.59E-189
chrY	18100001	18200000	0	1	18150000	#NAME?	1.59E-189
chrY	18200001	18300000	1	2	18250000	-1.07237	8.26E-44
chrY	18250001	18350000	0	2	18300000	#NAME?	1.59E-189
chrY	19450001	19550000	0	1	19500000	#NAME?	1.59E-189

chrY	19500001	19600000	0	1	19550000	#NAME?	1.59E-189
chrY	20350001	20450000	0	1	20400000	#NAME?	1.59E-189
chrY	20400001	20500000	0	1	20450000	#NAME?	1.59E-189
chrY	21000001	21100000	0	2	21050000	#NAME?	1.59E-189
chrY	21050001	21150000	1	2	21100000	-1.07237	8.26E-44
chrY	21100001	21200000	10	12	21150000	-0.33541	1.16E-06
chrY	21150001	21250000	9	13	21200000	-0.60289	4.96E-17
chrY	21300001	21400000	0	1	21350000	#NAME?	1.59E-189
chrY	21500001	21600000	0	3	21550000	#NAME?	1.59E-189
chrY	21550001	21650000	1	3	21600000	-1.65733	2.87E-81
chrY	21650001	21750000	0	1	21700000	#NAME?	1.59E-189
chrY	21700001	21800000	2	1	21750000	0.927628	7.06E-34
chrY	21900001	22000000	0	1	21950000	#NAME?	1.59E-189
chrY	22100001	22200000	1	3	22150000	-1.65733	2.87E-81
chrY	22150001	22250000	1	2	22200000	-1.07237	8.26E-44
chrY	22550001	22650000	0	2	22600000	#NAME?	1.59E-189
chrY	22600001	22700000	1	3	22650000	-1.65733	2.87E-81
chrY	22700001	22800000	2	1	22750000	0.927628	7.06E-34
chrY	22750001	22850000	3	2	22800000	0.512591	8.10E-13
chrY	23000001	23100000	0	1	23050000	#NAME?	1.59E-189
chrY	23150001	23250000	2	1	23200000	0.927628	7.06E-34
chrY	23250001	23350000	0	1	23300000	#NAME?	1.59E-189
chrY	23300001	23400000	0	1	23350000	#NAME?	1.59E-189
chrY	23450001	23550000	0	1	23500000	#NAME?	1.59E-189
chrY	23500001	23600000	0	1	23550000	#NAME?	1.59E-189
chrY	24300001	24400000	0	1	24350000	#NAME?	1.59E-189
chrY	26050001	26150000	0	1	26100000	#NAME?	1.59E-189
chrY	26100001	26200000	0	1	26150000	#NAME?	1.59E-189
chrY	26350001	26450000	0	1	26400000	#NAME?	1.59E-189
chrY	26400001	26500000	0	2	26450000	#NAME?	1.59E-189
chrY	26450001	26550000	0	1	26500000	#NAME?	1.59E-189
chrY	27500001	27600000	0	1	27550000	#NAME?	1.59E-189
chrY	28300001	28400000	0	1	28350000	#NAME?	1.59E-189
chrY	28350001	28450000	0	2	28400000	#NAME?	1.59E-189
chrY	28450001	28550000	2	3	28500000	-0.65733	1.11E-19
chrY	28500001	28600000	11	22	28550000	-1.07237	8.26E-44
chrY	28550001	28650000	15	22	28600000	-0.62491	4.39E-18
chrY	28600001	28700000	6	3	28650000	0.927628	7.06E-34
chrY	28650001	28750000	4	3	28700000	0.342666	8.12E-07
chrY	28700001	28800000	85	113	28750000	-0.48316	8.33E-12
chrY	28750001	28850000	112	145	28800000	-0.44493	2.50E-10
chrY	28800001	28900000	29	34	28850000	-0.30185	1.03E-05
chrY	58750001	58850000	6	9	58800000	-0.65733	1.11E-19
chrY	58800001	58900000	10	14	58850000	-0.5578	5.82E-15
chrY	58850001	58950000	4	6	58900000	-0.65733	1.11E-19
chrY	58900001	59000000	1665	2040	58950000	-0.36542	1.40E-07
chrY	58950001	59050000	2528	2866	5.90E+07	-0.25341	0.000169737

chr19	50001	150000	10	8	1.00E+05	0.249556	0.000220671
chr19	100001	200000	6	4	150000	0.512591	8.10E-13
chr19	150001	250000	12	15	2.00E+05	-0.3943	1.58E-08
chr19	300001	400000	848	895	350000	-0.1502	0.016560733
chr19	350001	450000	835	975	4.00E+05	-0.296	1.48E-05
chr19	400001	500000	864	1063	450000	-0.37141	9.00E-08
chr19	450001	550000	872	1067	5.00E+05	-0.36353	1.61E-07
chr19	500001	600000	812	1062	550000	-0.4596	6.95E-11
chr19	550001	650000	810	1087	6.00E+05	-0.49673	2.36E-12
chr19	600001	700000	832	1082	650000	-0.45142	1.42E-10
chr19	650001	750000	830	1015	7.00E+05	-0.36267	1.71E-07
chr19	700001	800000	832	918	750000	-0.21428	0.001205321
chr19	750001	850000	850	942	8.00E+05	-0.22064	0.000893203
chr19	800001	900000	885	1014	850000	-0.26868	7.34E-05
chr19	850001	950000	901	1014	9.00E+05	-0.24283	0.000296297
chr19	900001	1000000	915	1008	950000	-0.21202	0.001338492
chr19	950001	1050000	887	1059	1.00E+06	-0.32807	1.90E-06
chr19	1000001	1100000	931	1154	1050000	-0.38216	4.02E-08
chr19	1050001	1150000	1000	1248	1100000	-0.39199	1.89E-08
chr19	1100001	1200000	937	1160	1150000	-0.38038	4.60E-08
chr19	1150001	1250000	919	1162	1200000	-0.41085	4.27E-09
chr19	1200001	1300000	1003	1325	1250000	-0.47404	1.91E-11
chr19	1250001	1350000	909	1095	1300000	-0.34095	7.94E-07
chr19	1300001	1400000	897	1036	1350000	-0.28022	3.79E-05
chr19	1350001	1450000	985	1179	1400000	-0.33174	1.49E-06
chr19	1400001	1500000	945	1156	1450000	-0.36313	1.65E-07
chr19	1450001	1550000	907	1064	1500000	-0.3027	9.77E-06
chr19	1500001	1600000	899	1083	1550000	-0.34101	7.91E-07
chr19	1550001	1650000	949	1140	1600000	-0.33693	1.05E-06
chr19	1600001	1700000	901	1049	1650000	-0.29179	1.91E-05
chr19	1650001	1750000	835	1016	1700000	-0.35542	2.88E-07
chr19	1700001	1800000	914	1083	1750000	-0.31714	3.90E-06
chr19	1750001	1850000	947	1162	1800000	-0.36755	1.20E-07
chr19	1800001	1900000	865	1072	1850000	-0.3819	4.10E-08
chr19	1850001	1950000	823	1001	1900000	-0.35485	3.00E-07
chr19	1900001	2000000	878	1075	1950000	-0.36442	1.51E-07
chr19	1950001	2050000	931	1025	2.00E+06	-0.21114	0.001394004
chr19	2050001	2150000	909	1027	2100000	-0.24846	0.000220904
chr19	2100001	2200000	927	1073	2150000	-0.28338	3.15E-05
chr19	2150001	2250000	1007	1165	2200000	-0.28264	3.29E-05
chr19	2200001	2300000	968	1117	2250000	-0.27892	4.08E-05
chr19	2250001	2350000	884	1057	2300000	-0.33023	1.65E-06
chr19	2300001	2400000	898	1090	2350000	-0.35191	3.69E-07
chr19	2350001	2450000	858	949	2400000	-0.2178	0.001021849
chr19	2400001	2500000	805	903	2450000	-0.23811	0.000377459
chr19	2450001	2550000	781	870	2500000	-0.22806	0.000623452
chr19	2500001	2600000	780	840	2550000	-0.17929	0.00551887

chr19	2550001	2650000	814	859	2600000	-0.15	0.016674203
chr19	2650001	2750000	863	948	2700000	-0.2079	0.001617056
chr19	2700001	2800000	894	1092	2750000	-0.361	1.93E-07
chr19	2750001	2850000	888	1089	2800000	-0.36674	1.27E-07
chr19	2800001	2900000	830	915	2850000	-0.21303	0.001277451
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chr19	3050001	3150000	862	950	3100000	-0.21261	0.001302603
chr19	3100001	3200000	895	991	3150000	-0.21937	0.000948749
chr19	3150001	3250000	931	1058	3200000	-0.25686	0.000140983
chr19	3200001	3300000	958	1076	3250000	-0.23995	0.000343579
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chr19	3300001	3400000	909	963	3350000	-0.15563	0.013642957
chr19	3350001	3450000	894	926	3400000	-0.12311	0.040296362
chr19	3400001	3500000	921	1035	3450000	-0.24073	0.000330162
chr19	3450001	3550000	1028	1124	3500000	-0.20117	0.002186429
chr19	3500001	3600000	920	999	3550000	-0.19122	0.003366373
chr19	3550001	3650000	891	1118	3600000	-0.39979	1.03E-08
chr19	3600001	3700000	1007	1274	3650000	-0.41167	3.99E-09
chr19	3650001	3750000	904	1049	3700000	-0.28699	2.54E-05
chr19	3700001	3800000	874	952	3750000	-0.1957	0.002778298
chr19	3750001	3850000	948	1052	3800000	-0.22255	0.000815041
chr19	3800001	3900000	876	985	3850000	-0.24156	0.00031629
chr19	3850001	3950000	796	846	3900000	-0.16026	0.011516504
chr19	3900001	4000000	795	822	3950000	-0.12056	0.043533183
chr19	3950001	4050000	906	980	4.00E+06	-0.18564	0.004255058
chr19	4000001	4100000	979	1088	4050000	-0.22467	0.000735694
chr19	4050001	4150000	887	996	4100000	-0.23958	0.000350123
chr19	4100001	4200000	800	903	4150000	-0.2471	0.000237254
chr19	4150001	4250000	803	874	4200000	-0.19461	0.002912826
chr19	4200001	4300000	800	842	4250000	-0.14619	0.019039936
chr19	4250001	4350000	798	907	4300000	-0.25709	0.000139257
chr19	4300001	4400000	901	1023	4350000	-0.25558	0.000151084
chr19	4350001	4450000	965	1003	4400000	-0.12809	0.034544558
chr19	4400001	4500000	888	951	4450000	-0.17126	0.00758718
chr19	4450001	4550000	888	990	4500000	-0.22924	0.000588425
chr19	4500001	4600000	914	1000	4550000	-0.20211	0.002097899
chr19	4550001	4650000	815	915	4600000	-0.23934	0.000354442
chr19	4600001	4700000	875	970	4650000	-0.22107	0.000874727
chr19	4650001	4750000	949	1037	4700000	-0.20031	0.00227169
chr19	4850001	4950000	724	754	4900000	-0.13095	0.031566826
chr19	4900001	5000000	851	880	4950000	-0.12072	0.04332328
chr19	4950001	5050000	921	983	5.00E+06	-0.16636	0.009160409
chr19	5000001	5100000	1013	1117	5050000	-0.21337	0.001257768
chr19	5050001	5150000	1090	1217	5100000	-0.23137	0.000529528
chr19	5100001	5200000	929	1012	5150000	-0.19583	0.002762647
chr19	5150001	5250000	842	926	5200000	-0.20956	0.001498775

chr19	5200001	5300000	972	1108	5250000	-0.2613	0.00011062
chr19	5300001	5400000	942	989	5350000	-0.14262	0.021516115
chr19	5350001	5450000	863	975	5400000	-0.24841	0.000221398
chr19	5500001	5600000	845	892	5550000	-0.15046	0.016404585
chr19	5600001	5700000	924	1007	5650000	-0.19647	0.002687019
chr19	5650001	5750000	782	940	5700000	-0.33786	9.82E-07
chr19	5700001	5800000	749	853	5750000	-0.25995	0.000119122
chr19	5750001	5850000	821	908	5800000	-0.21768	0.001027673
chr19	5950001	6050000	995	1058	6.00E+06	-0.16094	0.011229265
chr19	6000001	6100000	963	1020	6050000	-0.15533	0.013788683
chr19	6150001	6250000	985	1096	6200000	-0.22642	0.00067555
chr19	6200001	6300000	964	1096	6250000	-0.25751	0.000136053
chr19	6300001	6400000	707	774	6350000	-0.203	0.002016481
chr19	6450001	6550000	850	936	6500000	-0.21142	0.001376466
chr19	6550001	6650000	786	675	6600000	0.14727	0.01858379
chr19	6650001	6750000	937	1057	6700000	-0.24623	0.000248336
chr19	6700001	6800000	919	1049	6750000	-0.26325	9.93E-05
chr19	6850001	6950000	793	822	6900000	-0.12419	0.038987596
chr19	7000001	7100000	426	445	7050000	-0.13532	0.027415495
chr19	7200001	7300000	814	864	7250000	-0.15837	0.01234475
chr19	7250001	7350000	427	449	7300000	-0.14485	0.019938166
chr19	7300001	7400000	79	64	7350000	0.231409	0.000553493
chr19	7500001	7600000	914	1017	7550000	-0.22643	0.000675503
chr19	7550001	7650000	807	962	7600000	-0.32584	2.21E-06
chr19	7600001	7700000	888	1021	7650000	-0.27372	5.51E-05
chr19	7650001	7750000	979	1049	7700000	-0.17201	0.007369015
chr19	7750001	7850000	844	901	7800000	-0.16666	0.00905847
chr19	7800001	7900000	795	855	7850000	-0.17734	0.005967631
chr19	7850001	7950000	898	980	7900000	-0.19844	0.002466172
chr19	7900001	8000000	986	1145	7950000	-0.28806	2.38E-05
chr19	7950001	8050000	924	1056	8.00E+06	-0.26502	9.01E-05
chr19	8000001	8100000	870	929	8050000	-0.16703	0.008928431
chr19	8050001	8150000	845	894	8100000	-0.1537	0.014625281
chr19	8100001	8200000	882	962	8150000	-0.19763	0.002554809
chr19	8250001	8350000	671	713	8300000	-0.15996	0.011644842
chr19	8550001	8650000	828	865	8600000	-0.13544	0.027310703
chr19	8650001	8750000	428	465	8700000	-0.19199	0.003257991
chr19	8700001	8800000	545	600	8750000	-0.21108	0.001398154
chr19	9850001	9950000	746	795	9900000	-0.16415	0.009960259
chr19	9900001	10000000	836	902	9950000	-0.182	0.004944075
chr19	9950001	10050000	892	945	1.00E+07	-0.15564	0.013635502
chr19	10000001	10100000	887	928	10050000	-0.13756	0.025475046
chr19	10050001	10150000	946	998	10100000	-0.14957	0.016927807
chr19	10100001	10200000	908	992	10150000	-0.20002	0.002300719
chr19	10150001	10250000	923	963	10200000	-0.13358	0.029013942
chr19	10350001	10450000	824	871	10400000	-0.1524	0.01531742
chr19	10400001	10500000	826	866	10450000	-0.1406	0.023030063

chr19	10450001	10550000	802	884	10500000	-0.21282	0.001290323
chr19	10500001	10600000	826	883	10550000	-0.16864	0.008394745
chr19	10550001	10650000	766	853	10600000	-0.22757	0.000638655
chr19	10600001	10700000	771	855	10650000	-0.22157	0.000854378
chr19	10750001	10850000	826	893	10800000	-0.18489	0.004389732
chr19	10800001	10900000	849	884	10850000	-0.13065	0.031862393
chr19	10900001	11000000	943	998	10950000	-0.15415	0.01438677
chr19	10950001	11050000	895	959	1.10E+07	-0.17201	0.007366362
chr19	11050001	11150000	862	934	11100000	-0.18811	0.003839518
chr19	11100001	11200000	897	977	11150000	-0.19562	0.002787658
chr19	11150001	11250000	776	815	11200000	-0.14312	0.021154394
chr19	11200001	11300000	730	783	11250000	-0.17349	0.006953232
chr19	11250001	11350000	846	910	11300000	-0.17758	0.005910736
chr19	11300001	11400000	900	954	11350000	-0.15644	0.013249006
chr19	11450001	11550000	802	865	11500000	-0.18147	0.00505142
chr19	11500001	11600000	842	920	11550000	-0.20019	0.002283971
chr19	11550001	11650000	876	972	11600000	-0.2224	0.00082095
chr19	11600001	11700000	821	850	11650000	-0.12245	0.041109426
chr19	12100001	12200000	728	638	12150000	0.11801	0.047301896
chr19	12300001	12400000	845	732	12350000	0.134736	0.028232197
chr19	12350001	12450000	836	728	12400000	0.127193	0.035842134
chr19	12750001	12850000	846	926	12800000	-0.20273	0.00204078
chr19	12800001	12900000	884	998	12850000	-0.24737	0.000233947
chr19	12850001	12950000	897	990	12900000	-0.21469	0.001182497
chr19	12900001	13000000	888	937	12950000	-0.14986	0.016756448
chr19	12950001	13050000	850	909	1.30E+07	-0.16919	0.008220139
chr19	13050001	13150000	1017	1049	13100000	-0.11707	0.048291148
chr19	13100001	13200000	1113	1170	13150000	-0.14443	0.020229899
chr19	13150001	13250000	1045	1120	13200000	-0.17237	0.007265506
chr19	13200001	13300000	828	934	13250000	-0.24616	0.000249151
chr19	13250001	13350000	766	837	13300000	-0.20026	0.002276973
chr19	13600001	13700000	961	834	13650000	0.132117	0.030704788
chr19	13750001	13850000	839	731	13800000	0.126428	0.036700398
chr19	13900001	14000000	908	977	13950000	-0.17804	0.00580334
chr19	13950001	14050000	895	1008	1.40E+07	-0.24391	0.000280216
chr19	14000001	14100000	885	951	14050000	-0.17614	0.006260734
chr19	14150001	14250000	865	904	14200000	-0.13599	0.026821589
chr19	14200001	14300000	928	975	14250000	-0.14365	0.020773738
chr19	14250001	14350000	600	647	14300000	-0.18117	0.005112394
chr19	14550001	14650000	845	886	14600000	-0.14073	0.022929817
chr19	14600001	14700000	798	866	14650000	-0.19035	0.003493257
chr19	14650001	14750000	785	811	14700000	-0.11938	0.045090519
chr19	15150001	15250000	924	975	15200000	-0.14988	0.016744677
chr19	15200001	15300000	967	1012	15250000	-0.13799	0.025115206
chr19	15250001	15350000	908	946	15300000	-0.13152	0.03099533
chr19	15450001	15550000	853	919	15500000	-0.17989	0.005385824
chr19	15500001	15600000	949	1073	15550000	-0.24954	0.000208594

chr19	15550001	15650000	843	911	15600000	-0.18429	0.004499858
chr19	15600001	15700000	803	845	15650000	-0.14592	0.019217239
chr19	15650001	15750000	833	888	15700000	-0.16461	0.00978753
chr19	15850001	15950000	842	880	15900000	-0.13606	0.02676842
chr19	16400001	16500000	896	942	16450000	-0.1446	0.020110286
chr19	16600001	16700000	898	1005	16650000	-0.23478	0.000446649
chr19	16650001	16750000	971	1099	16700000	-0.25102	0.00019287
chr19	16700001	16800000	953	986	16750000	-0.12148	0.042333612
chr19	16900001	17000000	895	929	16950000	-0.12616	0.036686236
chr19	16950001	17050000	952	1006	1.70E+07	-0.15197	0.015554233
chr19	17250001	17350000	855	934	17300000	-0.19987	0.002315936
chr19	17300001	17400000	912	949	17350000	-0.12975	0.032792436
chr19	17350001	17450000	924	954	17400000	-0.11847	0.046331935
chr19	17400001	17500000	855	900	17450000	-0.14637	0.018921795
chr19	17750001	17850000	866	896	17800000	-0.1215	0.042307704
chr19	17800001	17900000	814	872	17850000	-0.17167	0.007465871
chr19	18000001	18100000	756	808	18050000	-0.16834	0.008492949
chr19	18050001	18150000	752	895	18100000	-0.32353	2.57E-06
chr19	18100001	18200000	745	851	18150000	-0.26429	9.38E-05
chr19	18150001	18250000	861	925	18200000	-0.17581	0.006342865
chr19	18200001	18300000	889	924	18250000	-0.12808	0.03455682
chr19	18250001	18350000	849	928	18300000	-0.20073	0.002229534
chr19	18300001	18400000	888	936	18350000	-0.14832	0.017684891
chr19	18350001	18450000	921	976	18400000	-0.15605	0.013434942
chr19	18400001	18500000	859	965	18450000	-0.24024	0.000338509
chr19	18450001	18550000	812	985	18500000	-0.35102	3.94E-07
chr19	18500001	18600000	922	1134	18550000	-0.37095	9.31E-08
chr19	18550001	18650000	983	1123	18600000	-0.26447	9.29E-05
chr19	18600001	18700000	840	957	18650000	-0.2605	0.000115588
chr19	18650001	18750000	825	946	18700000	-0.26982	6.88E-05
chr19	18700001	18800000	916	1083	18750000	-0.31399	4.78E-06
chr19	18750001	18850000	943	1015	18800000	-0.17852	0.005691636
chr19	18800001	18900000	1024	1066	18850000	-0.13036	0.03215727
chr19	18850001	18950000	948	1042	18900000	-0.20877	0.001554258
chr19	18900001	19000000	927	994	18950000	-0.17305	0.007074274
chr19	18950001	19050000	934	1072	1.90E+07	-0.27118	6.37E-05
chr19	19000001	19100000	772	910	19050000	-0.30964	6.31E-06
chr19	19050001	19150000	829	868	19100000	-0.13869	0.024538432
chr19	19150001	19250000	904	933	19200000	-0.11793	0.04708209
chr19	19300001	19400000	955	986	19350000	-0.11846	0.046344999
chr19	19450001	19550000	876	910	19500000	-0.12731	0.035403061
chr19	19550001	19650000	1025	1090	19600000	-0.16108	0.011173967
chr19	19600001	19700000	952	1085	19650000	-0.26103	0.000112262
chr19	19650001	19750000	873	934	19700000	-0.16981	0.008024614
chr19	20200001	20300000	603	527	20250000	0.121983	0.042025435
chr19	20250001	20350000	652	532	20300000	0.221074	0.000910841
chr19	20300001	20400000	660	545	20350000	0.203838	0.002005536

chr19	20350001	20450000	663	570	20400000	0.145675	0.019628875
chr19	20400001	20500000	685	589	20450000	0.145465	0.01977055
chr19	20700001	20800000	583	605	20750000	-0.12581	0.037087981
chr19	20800001	20900000	709	612	20850000	0.139882	0.023856117
chr19	20950001	21050000	593	520	2.10E+07	0.117149	0.048513645
chr19	21100001	21200000	788	655	21150000	0.194329	0.003031843
chr19	21150001	21250000	730	636	21200000	0.126498	0.036620846
chr19	21200001	21300000	730	633	21250000	0.133319	0.02954842
chr19	22000001	22100000	703	733	22050000	-0.13266	0.029883348
chr19	22050001	22150000	635	657	22100000	-0.12151	0.042301225
chr19	22150001	22250000	614	526	22200000	0.150804	0.016436225
chr19	22200001	22300000	775	650	22250000	0.181385	0.00518798
chr19	22250001	22350000	701	605	22300000	0.140108	0.023678379
chr19	22300001	22400000	584	496	22350000	0.163256	0.010480862
chr19	22350001	22450000	599	497	22400000	0.196938	0.002711056
chr19	22400001	22500000	619	525	22450000	0.16525	0.009728041
chr19	23300001	23400000	738	627	23350000	0.162784	0.010666719
chr19	23500001	23600000	757	657	23550000	0.132028	0.030792006
chr19	23700001	23800000	706	737	23750000	-0.13437	0.028280472
chr19	23800001	23900000	735	628	23850000	0.154608	0.014366468
chr19	23850001	23950000	746	607	23900000	0.225107	0.000751584
chr19	23900001	24000000	771	662	23950000	0.147528	0.018419381
chr19	24600001	24700000	32	37	24650000	-0.28183	3.45E-05
chr19	27900001	28000000	708	620	27950000	0.119109	0.045791476
chr19	27950001	28050000	747	647	2.80E+07	0.134971	0.028018823
chr19	29350001	29450000	978	1014	29400000	-0.12452	0.038590295
chr19	29700001	29800000	918	1008	29750000	-0.2073	0.001661483
chr19	29750001	29850000	1014	1089	29800000	-0.17532	0.006468416
chr19	29950001	30050000	960	1073	3.00E+07	-0.23292	0.000490375
chr19	30000001	30100000	1028	1095	30050000	-0.16346	0.010221551
chr19	30100001	30200000	973	1032	30150000	-0.1573	0.012837668
chr19	30250001	30350000	875	989	30300000	-0.24906	0.000213982
chr19	30300001	30400000	821	921	30350000	-0.23819	0.000375893
chr19	30350001	30450000	809	866	30400000	-0.1706	0.007783827
chr19	30550001	30650000	1073	1138	30600000	-0.15722	0.012875519
chr19	30600001	30700000	973	1032	30650000	-0.1573	0.012837668
chr19	30950001	31050000	1007	1076	3.10E+07	-0.16799	0.008609335
chr19	31000001	31100000	1074	1109	31050000	-0.11864	0.046100111
chr19	31150001	31250000	1072	1136	31200000	-0.15603	0.013445685
chr19	31300001	31400000	1008	1042	31350000	-0.12023	0.043958326
chr19	31550001	31650000	1091	1152	31600000	-0.15086	0.016176263
chr19	31600001	31700000	1074	1114	31650000	-0.12513	0.037879754
chr19	32300001	32400000	1098	913	32350000	0.19382	0.003098335
chr19	32350001	32450000	1072	918	32400000	0.151367	0.016114595
chr19	33400001	33500000	755	651	33450000	0.141447	0.022644471
chr19	33600001	33700000	806	903	33650000	-0.23632	0.000413336
chr19	33650001	33750000	1018	1120	33700000	-0.21013	0.0014602

chr19	33700001	33800000	1143	1248	33750000	-0.19916	0.002388902
chr19	33750001	33850000	1002	1039	33800000	-0.12468	0.038398807
chr19	33800001	33900000	999	1030	33850000	-0.11646	0.049160465
chr19	33850001	33950000	1080	1186	33900000	-0.20744	0.001650731
chr19	33900001	34000000	1074	1172	33950000	-0.19835	0.002475658
chr19	33950001	34050000	1016	1167	3.40E+07	-0.27228	5.99E-05
chr19	34000001	34100000	938	1052	34050000	-0.23785	0.000382526
chr19	34100001	34200000	1010	1048	34150000	-0.12566	0.037267162
chr19	34150001	34250000	1060	1106	34200000	-0.13366	0.028937232
chr19	34200001	34300000	1126	1188	34250000	-0.1497	0.016851697
chr19	34800001	34900000	947	980	34850000	-0.12179	0.041944087
chr19	34900001	35000000	914	955	34950000	-0.13568	0.027100102
chr19	34950001	35050000	870	936	3.50E+07	-0.17786	0.005843787
chr19	35050001	35150000	846	880	35100000	-0.12922	0.033344189
chr19	35300001	35400000	966	999	35350000	-0.12083	0.043170996
chr19	35350001	35450000	883	921	35400000	-0.13316	0.029407215
chr19	35400001	35500000	922	1014	35450000	-0.20959	0.001496922
chr19	35450001	35550000	927	1086	35500000	-0.30075	1.10E-05
chr19	35500001	35600000	983	1019	35550000	-0.12426	0.038900172
chr19	35600001	35700000	1023	1080	35650000	-0.1506	0.016327951
chr19	35700001	35800000	974	1030	35750000	-0.15302	0.014981416
chr19	35750001	35850000	959	1089	35800000	-0.25577	0.000149509
chr19	35950001	36050000	1028	1087	3.60E+07	-0.15288	0.015055906
chr19	36000001	36100000	913	1048	36050000	-0.27132	6.32E-05
chr19	36050001	36150000	851	943	36100000	-0.22047	0.000900288
chr19	36100001	36200000	839	869	36150000	-0.12306	0.040360253
chr19	36150001	36250000	916	1027	36200000	-0.23739	0.000391528
chr19	36200001	36300000	1008	1168	36250000	-0.28492	2.87E-05
chr19	36250001	36350000	925	989	36300000	-0.16889	0.008315808
chr19	36300001	36400000	895	1019	36350000	-0.25957	0.000121661
chr19	36350001	36450000	857	1024	36400000	-0.32922	1.76E-06
chr19	36400001	36500000	868	930	36450000	-0.17191	0.007397339
chr19	36450001	36550000	924	992	36500000	-0.17482	0.006597525
chr19	36500001	36600000	968	1023	36550000	-0.1521	0.015482366
chr19	36600001	36700000	746	800	36650000	-0.1732	0.007033331
chr19	36650001	36750000	731	781	36700000	-0.16782	0.008663377
chr19	36700001	36800000	417	489	36750000	-0.30216	1.01E-05
chr19	36750001	36850000	331	373	36800000	-0.24472	0.00026869
chr19	37300001	37400000	896	778	37350000	0.131357	0.031455683
chr19	37550001	37650000	859	729	37600000	0.164368	0.010055276
chr19	38250001	38350000	710	758	38300000	-0.16675	0.009025825
chr19	38300001	38400000	761	876	38350000	-0.27541	5.00E-05
chr19	38400001	38500000	907	952	38450000	-0.14223	0.021797816
chr19	38450001	38550000	913	966	38500000	-0.15378	0.014580898
chr19	38650001	38750000	891	1060	38700000	-0.32294	2.67E-06
chr19	38700001	38800000	854	917	38750000	-0.17506	0.006535566
chr19	38750001	38850000	855	898	38800000	-0.14316	0.021120212

chr19	38800001	38900000	905	1068	38850000	-0.31129	5.68E-06
chr19	38850001	38950000	932	1088	38900000	-0.29565	1.51E-05
chr19	38900001	39000000	935	995	38950000	-0.1621	0.010755422
chr19	39000001	39100000	872	911	39050000	-0.13549	0.027263036
chr19	39150001	39250000	949	994	39200000	-0.13921	0.024122237
chr19	39200001	39300000	759	858	39250000	-0.24925	0.000211842
chr19	39300001	39400000	844	872	39350000	-0.11946	0.044988552
chr19	39350001	39450000	818	956	39400000	-0.29728	1.36E-05
chr19	39400001	39500000	790	839	39450000	-0.15919	0.01198055
chr19	39600001	39700000	984	1093	39650000	-0.22393	0.000762317
chr19	39650001	39750000	841	971	39700000	-0.27974	3.90E-05
chr19	39850001	39950000	996	1073	39900000	-0.1798	0.005404745
chr19	39900001	40000000	942	1006	39950000	-0.1672	0.00887128
chr19	40250001	40350000	933	1007	40300000	-0.18249	0.004845984
chr19	40300001	40400000	684	754	40350000	-0.21294	0.001282925
chr19	40700001	40800000	1023	1083	40750000	-0.1546	0.014158499
chr19	40900001	41000000	849	883	40950000	-0.12902	0.033551821
chr19	41050001	41150000	935	1023	41100000	-0.20214	0.002094738
chr19	41100001	41200000	911	1016	41150000	-0.22975	0.00057385
chr19	41150001	41250000	912	1028	41200000	-0.24511	0.000263287
chr19	41200001	41300000	953	990	41250000	-0.12732	0.035384689
chr19	41400001	41500000	663	704	41450000	-0.15894	0.012091885
chr19	41450001	41550000	712	757	41500000	-0.16079	0.011294053
chr19	41650001	41750000	819	866	41700000	-0.15288	0.015060258
chr19	41700001	41800000	907	955	41750000	-0.14677	0.018663544
chr19	41800001	41900000	918	970	41850000	-0.15186	0.015613009
chr19	41850001	41950000	899	953	41900000	-0.15653	0.013205382
chr19	41900001	42000000	865	942	41950000	-0.1954	0.002814751
chr19	41950001	42050000	835	956	4.20E+07	-0.26761	7.79E-05
chr19	42100001	42200000	939	1011	42150000	-0.17896	0.005592636
chr19	42150001	42250000	918	1000	42200000	-0.19581	0.002765621
chr19	42200001	42300000	859	914	42250000	-0.16191	0.010833553
chr19	42350001	42450000	1085	1243	42400000	-0.2685	7.41E-05
chr19	42400001	42500000	1058	1232	42450000	-0.29203	1.88E-05
chr19	42450001	42550000	981	1018	42500000	-0.12578	0.037118676
chr19	42500001	42600000	1039	1104	42550000	-0.15992	0.011664115
chr19	42550001	42650000	1061	1156	42600000	-0.19609	0.002731943
chr19	42600001	42700000	1072	1156	42650000	-0.18121	0.005105475
chr19	42650001	42750000	1049	1118	42700000	-0.16428	0.009912983
chr19	42700001	42800000	1006	1081	42750000	-0.17611	0.006268628
chr19	42750001	42850000	1042	1092	42800000	-0.13999	0.023503147
chr19	42800001	42900000	1031	1082	42850000	-0.14203	0.021947716
chr19	42850001	42950000	969	1063	42900000	-0.20594	0.001766623
chr19	42900001	43000000	887	939	42950000	-0.15456	0.014176869
chr19	42950001	43050000	828	860	4.30E+07	-0.12708	0.035657625
chr19	43250001	43350000	165	174	43300000	-0.14899	0.017274353
chr19	43300001	43400000	189	204	43350000	-0.18255	0.004832472

chr19	43350001	43450000	229	288	43400000	-0.40309	7.93E-09
chr19	43400001	43500000	233	266	43450000	-0.26347	9.82E-05
chr19	43650001	43750000	158	166	43700000	-0.14363	0.02078699
chr19	43700001	43800000	135	150	43750000	-0.22437	0.000746269
chr19	43950001	44050000	844	870	4.40E+07	-0.11614	0.049616832
chr19	44000001	44100000	899	934	44050000	-0.12747	0.035220355
chr19	44100001	44200000	1024	1061	44150000	-0.12358	0.039720647
chr19	44200001	44300000	976	1015	44250000	-0.1289	0.033681177
chr19	44750001	44850000	997	854	44800000	0.150986	0.016331894
chr19	44850001	44950000	634	661	44900000	-0.13254	0.029999789
chr19	44900001	45000000	757	828	44950000	-0.20171	0.002135146
chr19	44950001	45050000	890	985	4.50E+07	-0.21869	0.000979812
chr19	45000001	45100000	964	1002	45050000	-0.12815	0.034483226
chr19	45200001	45300000	901	945	45250000	-0.14116	0.022599725
chr19	45250001	45350000	847	887	45300000	-0.13894	0.02433623
chr19	45400001	45500000	793	853	45450000	-0.1776	0.005906951
chr19	45450001	45550000	832	903	45500000	-0.19051	0.003469058
chr19	45500001	45600000	827	878	45550000	-0.15871	0.012195767
chr19	45550001	45650000	974	1100	45600000	-0.24788	0.000227684
chr19	45600001	45700000	990	1079	45650000	-0.19657	0.002675897
chr19	45700001	45800000	843	882	45750000	-0.13762	0.025428594
chr19	45750001	45850000	892	925	45800000	-0.12478	0.038285004
chr19	45800001	45900000	846	942	45850000	-0.22744	0.000642795
chr19	45850001	45950000	813	948	45900000	-0.294	1.67E-05
chr19	46050001	46150000	873	922	46100000	-0.15116	0.016008207
chr19	46100001	46200000	851	900	46150000	-0.15314	0.01491991
chr19	46200001	46300000	926	988	46250000	-0.16587	0.009333137
chr19	46250001	46350000	965	1043	46300000	-0.18451	0.004459213
chr19	46300001	46400000	909	937	46350000	-0.11614	0.049622132
chr19	46400001	46500000	927	1009	46450000	-0.19466	0.002906352
chr19	46450001	46550000	922	1038	46500000	-0.24334	0.000288593
chr19	46650001	46750000	877	914	46700000	-0.13199	0.030533593
chr19	47100001	47200000	933	971	47150000	-0.12997	0.032564998
chr19	47200001	47300000	970	1010	47250000	-0.13067	0.031845359
chr19	47450001	47550000	907	959	47500000	-0.1528	0.015100764
chr19	47500001	47600000	787	891	47550000	-0.25143	0.000188673
chr19	47550001	47650000	800	847	47600000	-0.15473	0.014089943
chr19	47650001	47750000	858	890	47700000	-0.1252	0.037795243
chr19	47700001	47800000	829	872	47750000	-0.14533	0.019614812
chr19	47850001	47950000	869	948	47900000	-0.1979	0.002524585
chr19	47900001	48000000	1009	1128	47950000	-0.23321	0.00048315
chr19	48150001	48250000	901	940	48200000	-0.13351	0.029080991
chr19	48200001	48300000	825	911	48250000	-0.21543	0.00114249
chr19	48250001	48350000	760	830	48300000	-0.19948	0.00235562
chr19	48300001	48400000	693	742	48350000	-0.17094	0.007682756
chr19	48350001	48450000	403	422	48400000	-0.13883	0.024424482
chr19	48400001	48500000	353	368	48450000	-0.13241	0.030125085

chr19	48550001	48650000	837	948	48600000	-0.25203	0.000182759
chr19	48600001	48700000	900	1008	48650000	-0.23587	0.000422781
chr19	48800001	48900000	874	954	48850000	-0.19873	0.002435082
chr19	48850001	48950000	874	932	48900000	-0.16507	0.009621236
chr19	48900001	49000000	928	1023	48950000	-0.21298	0.001280474
chr19	48950001	49050000	934	1043	4.90E+07	-0.23162	0.000523157
chr19	49000001	49100000	796	824	49050000	-0.12225	0.041365575
chr19	49050001	49150000	812	909	49100000	-0.23517	0.00043792
chr19	49100001	49200000	844	1013	49150000	-0.33569	1.14E-06
chr19	49150001	49250000	784	894	49200000	-0.26179	0.000107668
chr19	49200001	49300000	767	809	49250000	-0.14928	0.017098729
chr19	49450001	49550000	674	704	49500000	-0.1352	0.027527445
chr19	49500001	49600000	592	705	49550000	-0.3244	2.43E-06
chr19	49550001	49650000	828	924	49600000	-0.23063	0.000549291
chr19	49600001	49700000	927	1007	49650000	-0.19179	0.003285516
chr19	49650001	49750000	801	890	49700000	-0.22437	0.000746269
chr19	49800001	49900000	887	922	49850000	-0.1282	0.034423614
chr19	49850001	49950000	989	1104	49900000	-0.23107	0.000537558
chr19	49900001	50000000	975	1007	49950000	-0.11896	0.045657915
chr19	49950001	50050000	827	858	5.00E+07	-0.12546	0.03749018
chr19	50000001	50100000	846	879	50050000	-0.12758	0.035106044
chr19	50100001	50200000	967	1045	50150000	-0.18429	0.004500466
chr19	50150001	50250000	888	921	50200000	-0.12501	0.038012765
chr19	50200001	50300000	824	877	50250000	-0.1623	0.010674508
chr19	50250001	50350000	941	1070	50300000	-0.25772	0.000134572
chr19	50300001	50400000	1030	1137	50350000	-0.21496	0.001167825
chr19	50350001	50450000	939	1064	50400000	-0.25267	0.000176604
chr19	50400001	50500000	831	968	50450000	-0.29253	1.82E-05
chr19	50450001	50550000	911	974	50500000	-0.16884	0.008330689
chr19	50650001	50750000	884	937	50700000	-0.15637	0.013278655
chr19	50700001	50800000	886	977	50750000	-0.21342	0.001254452
chr19	50750001	50850000	979	1055	50800000	-0.18023	0.005311515
chr19	50800001	50900000	906	971	50850000	-0.17233	0.007275616
chr19	50850001	50950000	908	957	50900000	-0.1482	0.017760403
chr19	50900001	51000000	1022	1127	50950000	-0.21346	0.001252096
chr19	50950001	51050000	999	1102	5.10E+07	-0.21394	0.001224728
chr19	51000001	51100000	957	1087	51050000	-0.25613	0.00014663
chr19	51050001	51150000	834	944	51100000	-0.25111	0.000191936
chr19	51100001	51200000	895	1013	51150000	-0.25105	0.000192599
chr19	51150001	51250000	1065	1177	51200000	-0.21663	0.001079749
chr19	51300001	51400000	1039	1158	51350000	-0.22881	0.000600994
chr19	51350001	51450000	1013	1067	51400000	-0.1473	0.018325364
chr19	51400001	51500000	950	983	51450000	-0.12164	0.042139089
chr19	51450001	51550000	969	1024	51500000	-0.15202	0.01552646
chr19	51700001	51800000	1001	1041	51750000	-0.1289	0.033679672
chr19	51750001	51850000	1023	1072	51800000	-0.13987	0.023596602
chr19	51800001	51900000	975	1024	51850000	-0.14311	0.021155698

chr19	51900001	52000000	870	897	51950000	-0.11646	0.049153501
chr19	51950001	52050000	979	1058	5.20E+07	-0.18433	0.004492358
chr19	52000001	52100000	1055	1090	52050000	-0.11946	0.044988552
chr19	52500001	52600000	853	887	52550000	-0.12876	0.033828073
chr19	52550001	52650000	868	940	52600000	-0.18734	0.003965108
chr19	52600001	52700000	889	958	52650000	-0.18021	0.005315821
chr19	52800001	52900000	823	861	52850000	-0.13749	0.025533835
chr19	52850001	52950000	826	874	52900000	-0.15386	0.014537501
chr19	53000001	53100000	627	541	53050000	0.140465	0.02339864
chr19	53050001	53150000	709	589	53100000	0.195146	0.002927863
chr19	54150001	54250000	793	665	54200000	0.181595	0.005144178
chr19	54200001	54300000	749	613	54250000	0.216707	0.001117954
chr19	54250001	54350000	645	554	54300000	0.147041	0.018730622
chr19	54400001	54500000	828	913	54450000	-0.21336	0.001258406
chr19	54600001	54700000	992	1050	54650000	-0.15435	0.014286232
chr19	54650001	54750000	815	919	54700000	-0.24564	0.000256106
chr19	54700001	54800000	669	723	54750000	-0.18436	0.004486696
chr19	54900001	55000000	843	909	54950000	-0.18112	0.005123961
chr19	54950001	55050000	798	830	5.50E+07	-0.12909	0.033474003
chr19	55050001	55150000	762	811	55100000	-0.16228	0.010683115
chr19	55550001	55650000	864	915	55600000	-0.15511	0.013899098
chr19	55700001	55800000	1004	1049	55750000	-0.13563	0.027145408
chr19	55750001	55850000	918	987	55800000	-0.17693	0.006067114
chr19	55800001	55900000	906	988	55850000	-0.19737	0.002583739
chr19	55850001	55950000	978	1065	55900000	-0.19532	0.002824484
chr19	55900001	56000000	919	1076	55950000	-0.29991	1.16E-05
chr19	55950001	56050000	983	1142	5.60E+07	-0.28867	2.30E-05
chr19	56000001	56100000	961	1038	56050000	-0.18357	0.004635337
chr19	56050001	56150000	969	1061	56100000	-0.20323	0.001995656
chr19	56100001	56200000	1033	1172	56150000	-0.2545	0.00016009
chr19	56150001	56250000	984	1110	56200000	-0.2462	0.000248661
chr19	56300001	56400000	839	884	56350000	-0.14775	0.018041467
chr19	56400001	56500000	958	833	56450000	0.129337	0.033523903
chr19	56450001	56550000	869	751	56500000	0.138171	0.025242571
chr19	56950001	57050000	1043	879	5.70E+07	0.174432	0.006840098
chr19	57000001	57100000	1027	873	57050000	0.162011	0.010976642
chr19	58250001	58350000	757	640	58300000	0.16985	0.00816961
chr19	58300001	58400000	575	496	58350000	0.14085	0.023100559
chr19	58550001	58650000	878	925	58600000	-0.1476	0.018131446
chr19	58750001	58850000	858	913	58800000	-0.16201	0.01079277
chr19	58800001	58900000	914	1007	58850000	-0.21217	0.001329515
chr19	58850001	58950000	884	962	58900000	-0.19436	0.002943437
chr19	59050001	59150000	465	518	59100000	-0.22809	0.00062258
chr19	59100001	59200000	7	13	59150000	-0.96546	4.15E-37
chr8	1	100000	7	6	50000	0.150021	0.016892961
chr8	50001	150000	2	1	1.00E+05	0.927628	7.06E-34
chr8	100001	200000	234	279	150000	-0.32613	2.16E-06

chr8	150001	250000	655	752	2.00E+05	-0.27161	6.22E-05
chr8	200001	300000	697	745	250000	-0.16845	0.008456253
chr8	250001	350000	596	644	3.00E+05	-0.18412	0.004531521
chr8	300001	400000	416	479	350000	-0.27581	4.89E-05
chr8	550001	650000	947	998	6.00E+05	-0.14805	0.01785422
chr8	600001	700000	983	1069	650000	-0.19337	0.003071565
chr8	850001	950000	915	1015	9.00E+05	-0.22201	0.000836443
chr8	900001	1000000	829	942	950000	-0.25673	0.000141992
chr8	950001	1050000	968	1013	1.00E+06	-0.13793	0.025170284
chr8	1200001	1300000	976	1016	1250000	-0.13032	0.032202574
chr8	1450001	1550000	961	1001	1500000	-0.13121	0.031307648
chr8	1500001	1600000	846	894	1550000	-0.15199	0.015543
chr8	1700001	1800000	959	1060	1750000	-0.21683	0.001069606
chr8	1750001	1850000	1016	1121	1800000	-0.21426	0.001206712
chr8	1800001	1900000	1046	1140	1850000	-0.19652	0.002680953
chr8	1950001	2050000	1006	1048	2.00E+06	-0.13138	0.031133627
chr8	2600001	2700000	1077	930	2650000	0.139344	0.024285326
chr8	2650001	2750000	1006	862	2700000	0.150499	0.01661295
chr8	2950001	3050000	987	1020	3.00E+06	-0.11982	0.044504594
chr8	4450001	4550000	1007	869	4500000	0.140264	0.023555748
chr8	4950001	5050000	913	952	5.00E+06	-0.13272	0.029827506
chr8	5250001	5350000	957	831	5300000	0.131299	0.031513702
chr8	5300001	5400000	1030	891	5350000	0.136775	0.026423846
chr8	6150001	6250000	847	734	6200000	0.13421	0.028714851
chr8	6850001	6950000	564	604	6900000	-0.17123	0.007596718
chr8	6900001	7000000	388	439	6950000	-0.25054	0.000197891
chr8	6950001	7050000	67	83	7.00E+06	-0.38132	4.29E-08
chr8	7000001	7100000	24	25	7050000	-0.13127	0.031247765
chr8	7050001	7150000	1	2	7100000	-1.07237	8.26E-44
chr8	7100001	7200000	5	8	7150000	-0.75044	1.48E-24
chr8	7150001	7250000	36	41	7200000	-0.26	0.000118816
chr8	7200001	7300000	36	46	7250000	-0.42601	1.24E-09
chr8	7250001	7350000	17	25	7300000	-0.62877	2.85E-18
chr8	7350001	7450000	7	4	7400000	0.734983	3.27E-23
chr8	7400001	7500000	3	1	7450000	1.512591	1.57E-69
chr8	7450001	7550000	3	1	7500000	1.512591	1.57E-69
chr8	7550001	7650000	2	3	7600000	-0.65733	1.11E-19
chr8	7600001	7700000	8	5	7650000	0.6057	7.32E-17
chr8	7700001	7800000	18	15	7750000	0.190663	0.003540577
chr8	7750001	7850000	13	7	7800000	0.820713	8.26E-28
chr8	7800001	7900000	1	3	7850000	-1.65733	2.87E-81
chr8	7850001	7950000	0	3	7900000	#NAME?	1.59E-189
chr8	7900001	8000000	2	3	7950000	-0.65733	1.11E-19
chr8	7950001	8050000	5	2	8.00E+06	1.249556	2.09E-53
chr8	8000001	8100000	36	40	8050000	-0.22437	0.000746269
chr8	8100001	8200000	983	1019	8150000	-0.12426	0.038900172
chr8	9500001	9600000	979	859	9550000	0.116279	0.049762085

chr8	10350001	10450000	941	979	10400000	-0.12949	0.033063107
chr8	10400001	10500000	1002	1092	10450000	-0.19646	0.00268802
chr8	10450001	10550000	1087	1188	10500000	-0.20055	0.002247066
chr8	10500001	10600000	1116	1220	10550000	-0.20092	0.00221149
chr8	10550001	10650000	1065	1117	10600000	-0.14115	0.022608439
chr8	10700001	10800000	1099	1145	10750000	-0.13153	0.03098709
chr8	10750001	10850000	1024	1115	10800000	-0.1952	0.00283905
chr8	10800001	10900000	1015	1092	10850000	-0.17786	0.005843787
chr8	10850001	10950000	1058	1122	10900000	-0.1571	0.012930718
chr8	11000001	11100000	1040	1075	11050000	-0.12012	0.044098859
chr8	11050001	11150000	976	1013	11100000	-0.12605	0.036811283
chr8	11200001	11300000	950	982	11250000	-0.12017	0.044042897
chr8	11250001	11350000	999	1075	11300000	-0.17815	0.005776887
chr8	11300001	11400000	1071	1151	11350000	-0.1763	0.006220621
chr8	11350001	11450000	1077	1114	11400000	-0.1211	0.042822169
chr8	11400001	11500000	1042	1100	11450000	-0.15052	0.016372302
chr8	11850001	11950000	157	170	11900000	-0.18714	0.003997625
chr8	12000001	12100000	20	15	12050000	0.342666	8.12E-07
chr8	12050001	12150000	11	8	12100000	0.38706	3.38E-08
chr8	12100001	12200000	3	2	12150000	0.512591	8.10E-13
chr8	12200001	12300000	65	68	12250000	-0.13747	0.025555546
chr8	12250001	12350000	6	12	12300000	-1.07237	8.26E-44
chr8	12300001	12400000	25	16	12350000	0.571484	2.55E-15
chr8	12350001	12450000	200	158	12400000	0.267704	8.31E-05
chr8	12400001	12500000	225	197	12450000	0.119358	0.045455803
chr8	12450001	12550000	122	134	12500000	-0.20772	0.001629941
chr8	12750001	12850000	944	981	12800000	-0.12784	0.034820941
chr8	13050001	13150000	1059	926	13100000	0.121247	0.042965791
chr8	13200001	13300000	990	846	13250000	0.154399	0.014473956
chr8	13350001	13450000	1052	917	13400000	0.125769	0.037452352
chr8	13400001	13500000	1077	906	13450000	0.177064	0.006166717
chr8	13450001	13550000	994	846	13500000	0.160216	0.011726812
chr8	13800001	13900000	1041	863	13850000	0.198166	0.00257107
chr8	13850001	13950000	988	849	13900000	0.146375	0.019164469
chr8	14400001	14500000	986	821	14450000	0.191834	0.003370294
chr8	14450001	14550000	1042	890	14500000	0.155106	0.014112745
chr8	14650001	14750000	971	845	14700000	0.128148	0.034793557
chr8	14750001	14850000	1023	895	14800000	0.120475	0.043969561
chr8	14800001	14900000	1031	886	14850000	0.146294	0.0192176
chr8	14950001	15050000	1069	906	1.50E+07	0.166307	0.009348523
chr8	15000001	15100000	1041	880	15050000	0.170023	0.008115477
chr8	15550001	15650000	1048	908	15600000	0.134503	0.028445404
chr8	15900001	16000000	991	869	15950000	0.117157	0.048501713
chr8	15950001	16050000	1004	862	1.60E+07	0.147628	0.018356045
chr8	16000001	16100000	1002	842	16050000	0.178619	0.005797051
chr8	16050001	16150000	984	854	16100000	0.13205	0.030770146
chr8	16100001	16200000	985	843	16150000	0.152219	0.015638019

chr8	16150001	16250000	975	850	16200000	0.125568	0.037685231
chr8	16400001	16500000	1050	888	16450000	0.169386	0.008316054
chr8	16450001	16550000	1026	822	16500000	0.247449	0.000246264
chr8	16650001	16750000	959	841	16700000	0.117053	0.048649438
chr8	16700001	16800000	988	847	16750000	0.149777	0.01703703
chr8	16750001	16850000	940	805	16800000	0.1513	0.016152514
chr8	17200001	17300000	983	1024	17250000	-0.13132	0.031189317
chr8	17850001	17950000	905	956	17900000	-0.15146	0.015834781
chr8	17950001	18050000	935	970	1.80E+07	-0.12539	0.037573537
chr8	18000001	18100000	956	1012	18050000	-0.1545	0.014209684
chr8	18050001	18150000	984	1041	18100000	-0.15361	0.014669153
chr8	18900001	19000000	926	961	18950000	-0.1259	0.036990569
chr8	19950001	20050000	971	1006	2.00E+07	-0.12346	0.039868742
chr8	20000001	20100000	990	1027	20050000	-0.12531	0.037669475
chr8	20050001	20150000	1003	1076	20100000	-0.17373	0.006887715
chr8	20100001	20200000	1016	1072	20150000	-0.14978	0.016806486
chr8	21150001	21250000	986	1081	21200000	-0.20508	0.001836885
chr8	21200001	21300000	1015	1063	21250000	-0.13903	0.024263761
chr8	21350001	21450000	1073	1114	21400000	-0.12647	0.036337029
chr8	21550001	21650000	1112	1207	21600000	-0.19064	0.003450526
chr8	21600001	21700000	979	1108	21650000	-0.25095	0.000193599
chr8	21650001	21750000	877	975	21700000	-0.2252	0.000717106
chr8	21700001	21800000	968	1006	21750000	-0.12792	0.034728341
chr8	21850001	21950000	1008	1079	21900000	-0.17057	0.007792318
chr8	21900001	22000000	1063	1196	21950000	-0.24245	0.000302216
chr8	21950001	22050000	1082	1237	2.20E+07	-0.26552	8.76E-05
chr8	22000001	22100000	1016	1188	22050000	-0.29801	1.31E-05
chr8	22050001	22150000	964	1018	22100000	-0.151	0.016094803
chr8	22300001	22400000	919	803	22350000	0.122293	0.041634898
chr8	22400001	22500000	1123	1257	22450000	-0.235	0.000441768
chr8	22450001	22550000	1114	1278	22500000	-0.27051	6.62E-05
chr8	22500001	22600000	1093	1232	22550000	-0.24508	0.000263639
chr8	22550001	22650000	1116	1198	22600000	-0.17466	0.006638453
chr8	22600001	22700000	1103	1199	22650000	-0.19277	0.003151439
chr8	22650001	22750000	1054	1151	22700000	-0.19938	0.002365886
chr8	22750001	22850000	994	1037	22800000	-0.13347	0.029114341
chr8	22800001	22900000	964	1008	22850000	-0.13676	0.026154864
chr8	23300001	23400000	989	1023	23350000	-0.12114	0.042779952
chr8	23400001	23500000	988	1020	23450000	-0.11836	0.046483656
chr8	23550001	23650000	1030	1084	23600000	-0.14609	0.019105591
chr8	24000001	24100000	1050	912	24050000	0.130912	0.031902082
chr8	24250001	24350000	1033	899	24300000	0.128075	0.034872466
chr8	24300001	24400000	1016	862	24350000	0.164769	0.00990532
chr8	24350001	24450000	986	862	24400000	0.121528	0.042604676
chr8	25000001	25100000	922	801	25050000	0.130593	0.032225414
chr8	25450001	25550000	894	923	25500000	-0.11843	0.046387779
chr8	26050001	26150000	949	828	26100000	0.124406	0.039050215

chr8	26100001	26200000	1043	880	26150000	0.172792	0.007292165
chr8	26250001	26350000	890	940	26300000	-0.15123	0.015968431
chr8	27300001	27400000	981	1012	27350000	-0.11726	0.048022756
chr8	27750001	27850000	1001	1103	27800000	-0.21236	0.00131769
chr8	28050001	28150000	911	947	28100000	-0.12829	0.034336571
chr8	28100001	28200000	948	984	28150000	-0.12614	0.036708599
chr8	28150001	28250000	1015	1066	28200000	-0.1431	0.021165672
chr8	28950001	29050000	1007	876	2.90E+07	0.128689	0.034211178
chr8	29450001	29550000	1069	934	29500000	0.122396	0.04150632
chr8	29900001	30000000	874	1009	29950000	-0.27959	3.93E-05
chr8	29950001	30050000	833	958	3.00E+07	-0.27408	5.40E-05
chr8	30400001	30500000	954	994	30450000	-0.13163	0.030887901
chr8	30700001	30800000	1022	863	30750000	0.171591	0.007639714
chr8	30900001	31000000	953	830	30950000	0.126993	0.036064451
chr8	32050001	32150000	1000	873	32100000	0.123575	0.040050748
chr8	32500001	32600000	1054	894	32550000	0.165156	0.009762387
chr8	32550001	32650000	1083	920	32600000	0.162956	0.010598746
chr8	33050001	33150000	959	1017	33100000	-0.15709	0.012938297
chr8	33100001	33200000	908	940	33150000	-0.12234	0.041249607
chr8	33450001	33550000	802	884	33500000	-0.21282	0.001290323
chr8	33500001	33600000	847	910	33550000	-0.17588	0.006326641
chr8	34250001	34350000	984	852	34300000	0.135433	0.027602667
chr8	34400001	34500000	1010	871	34450000	0.141239	0.022802762
chr8	34650001	34750000	1073	917	34700000	0.154285	0.014533146
chr8	34900001	35000000	1034	906	34950000	0.118281	0.04692553
chr8	34950001	35050000	985	846	3.50E+07	0.147094	0.018696575
chr8	35500001	35600000	1003	1046	35550000	-0.13293	0.02962243
chr8	36950001	37050000	1008	1048	3.70E+07	-0.12851	0.03408988
chr8	37600001	37700000	974	1009	37650000	-0.1233	0.040057318
chr8	37750001	37850000	876	906	37800000	-0.12095	0.043017082
chr8	38050001	38150000	866	751	38100000	0.133182	0.029678223
chr8	38100001	38200000	944	820	38150000	0.130791	0.032024017
chr8	38550001	38650000	987	1088	38600000	-0.21293	0.001283617
chr8	38600001	38700000	1021	1080	38650000	-0.15342	0.014769972
chr8	38750001	38850000	951	1021	38800000	-0.17484	0.006592737
chr8	39500001	39600000	1020	853	39550000	0.18558	0.004373052
chr8	39550001	39650000	1071	926	39600000	0.137503	0.025802805
chr8	39750001	39850000	912	765	39800000	0.181202	0.005226332
chr8	40450001	40550000	955	831	40500000	0.12828	0.034650374
chr8	40500001	40600000	1014	854	40550000	0.175378	0.006590947
chr8	40850001	40950000	934	799	40900000	0.152855	0.015290348
chr8	41100001	41200000	1066	1128	41150000	-0.15393	0.014502034
chr8	41400001	41500000	857	899	41450000	-0.1414	0.022419016
chr8	41500001	41600000	1070	1107	41550000	-0.12142	0.04241933
chr8	41550001	41650000	1028	1093	41600000	-0.16082	0.01127854
chr8	41600001	41700000	987	1065	41650000	-0.1821	0.004922524
chr8	41650001	41750000	989	1064	41700000	-0.17783	0.005852558

chr8	41700001	41800000	1064	1097	41750000	-0.11644	0.04919274
chr8	41850001	41950000	967	832	41900000	0.144561	0.020388629
chr8	41900001	42000000	937	820	41950000	0.120053	0.044525506
chr8	42050001	42150000	848	880	42100000	-0.12581	0.037087981
chr8	42900001	43000000	821	885	42950000	-0.18067	0.005219044
chr8	42950001	43050000	766	793	4.30E+07	-0.12235	0.041239578
chr8	43100001	43200000	776	651	43150000	0.181027	0.005263335
chr8	43150001	43250000	667	584	43200000	0.119347	0.045470608
chr8	43500001	43600000	897	772	43550000	0.144135	0.020685001
chr8	43550001	43650000	943	791	43600000	0.181208	0.005225067
chr8	43800001	43900000	96	119	43850000	-0.38223	4.00E-08
chr8	46750001	46850000	32	27	46800000	0.172741	0.0073067
chr8	46850001	46950000	683	710	46900000	-0.12831	0.034314953
chr8	46950001	47050000	995	1053	4.70E+07	-0.15411	0.014410047
chr8	47000001	47100000	1082	1227	47050000	-0.25381	0.000166202
chr8	47050001	47150000	1103	1246	47100000	-0.24824	0.000223394
chr8	47100001	47200000	1060	1189	47150000	-0.23806	0.000378473
chr8	47950001	48050000	769	637	4.80E+07	0.199318	0.002445619
chr8	48000001	48100000	777	680	48050000	0.120008	0.044585585
chr8	48450001	48550000	938	783	48500000	0.188204	0.003923579
chr8	48500001	48600000	955	809	48550000	0.166989	0.009110539
chr8	49100001	49200000	829	863	49150000	-0.13036	0.032160602
chr8	49150001	49250000	919	953	49200000	-0.12478	0.038283005
chr8	49300001	49400000	970	1002	49350000	-0.1192	0.045337761
chr8	49350001	49450000	983	1039	49400000	-0.1523	0.015369856
chr8	49600001	49700000	1065	1112	49650000	-0.13468	0.02800017
chr8	50150001	50250000	1046	869	50200000	0.195083	0.00293579
chr8	50200001	50300000	1058	894	50250000	0.170621	0.007930968
chr8	50300001	50400000	872	758	50350000	0.129759	0.033083568
chr8	50350001	50450000	974	836	50400000	0.148047	0.018092088
chr8	50400001	50500000	999	860	50450000	0.143776	0.020938144
chr8	50500001	50600000	867	905	50550000	-0.13426	0.028382086
chr8	50650001	50750000	1068	880	50700000	0.206964	0.001744712
chr8	50700001	50800000	1005	865	50750000	0.144052	0.020743749
chr8	50850001	50950000	1037	885	50900000	0.156295	0.013523235
chr8	50900001	51000000	1061	917	50950000	0.138059	0.025335868
chr8	51150001	51250000	1043	906	51200000	0.130784	0.032030848
chr8	51200001	51300000	1077	934	51250000	0.133152	0.029707049
chr8	51400001	51500000	941	802	51450000	0.158221	0.012613208
chr8	51450001	51550000	1070	870	51500000	0.226152	0.000714768
chr8	51500001	51600000	1055	820	51550000	0.291175	2.16E-05
chr8	51550001	51650000	946	791	51600000	0.185791	0.004335276
chr8	51600001	51700000	878	765	51650000	0.126389	0.036743703
chr8	51700001	51800000	997	863	51750000	0.135861	0.027222001
chr8	51750001	51850000	983	828	51800000	0.175189	0.0066401
chr8	51850001	51950000	948	798	51900000	0.176127	0.006399436
chr8	51900001	52000000	969	827	51950000	0.156238	0.013551109

chr8	52650001	52750000	946	824	52700000	0.126824	0.036253592
chr8	53500001	53600000	1059	907	53550000	0.151156	0.016234334
chr8	54400001	54500000	1024	1056	54450000	-0.11677	0.048720327
chr8	54550001	54650000	865	911	54600000	-0.14712	0.018436955
chr8	56350001	56450000	938	805	56400000	0.148227	0.017979592
chr8	56400001	56500000	1019	862	56450000	0.169023	0.008432469
chr8	56550001	56650000	833	730	56600000	0.118048	0.047249008
chr8	56950001	57050000	933	790	5.70E+07	0.167653	0.008884215
chr8	57200001	57300000	840	736	57250000	0.118312	0.046883588
chr8	58400001	58500000	1032	872	58450000	0.170671	0.007915704
chr8	60200001	60300000	986	859	60250000	0.126558	0.036553262
chr8	60250001	60350000	1006	835	60300000	0.19641	0.002773363
chr8	60300001	60400000	947	767	60350000	0.231766	0.000543867
chr8	60350001	60450000	847	709	60400000	0.184205	0.004626579
chr8	60400001	60500000	916	776	60450000	0.166919	0.009134743
chr8	60450001	60550000	1043	865	60500000	0.197595	0.002635295
chr8	61500001	61600000	957	991	61550000	-0.12274	0.04075433
chr8	61600001	61700000	1110	973	61650000	0.117676	0.047768824
chr8	61750001	61850000	1010	1056	61800000	-0.13663	0.026271955
chr8	62750001	62850000	1045	906	62800000	0.133548	0.029332243
chr8	62900001	63000000	949	829	62950000	0.122664	0.04117101
chr8	62950001	63050000	1028	897	6.30E+07	0.124289	0.039189791
chr8	63050001	63150000	971	846	63100000	0.126442	0.036684285
chr8	63100001	63200000	983	790	63150000	0.242967	0.000310188
chr8	63150001	63250000	925	783	63200000	0.168069	0.008744619
chr8	63250001	63350000	1033	894	63300000	0.136122	0.026992437
chr8	64050001	64150000	785	850	64100000	-0.18714	0.003997625
chr8	64500001	64600000	1070	935	64550000	0.122201	0.041750989
chr8	64550001	64650000	1098	939	64600000	0.153309	0.015046273
chr8	64850001	64950000	1127	954	64900000	0.168055	0.008749516
chr8	64900001	65000000	1089	927	64950000	0.159991	0.011824163
chr8	64950001	65050000	948	811	6.50E+07	0.152813	0.015313049
chr8	65100001	65200000	1035	879	65150000	0.163324	0.010454584
chr8	65300001	65400000	1039	901	65350000	0.133225	0.029637835
chr8	66300001	66400000	993	865	66350000	0.126722	0.036368415
chr8	66350001	66450000	1022	867	66400000	0.16492	0.009849528
chr8	66750001	66850000	873	925	66800000	-0.15584	0.013536661
chr8	67150001	67250000	1032	903	67200000	0.120273	0.044234652
chr8	67400001	67500000	993	864	67450000	0.128391	0.034531537
chr8	67450001	67550000	907	781	67500000	0.143408	0.021200283
chr8	67950001	68050000	985	826	6.80E+07	0.18161	0.005140974
chr8	68200001	68300000	879	762	68250000	0.1337	0.029189329
chr8	69000001	69100000	1060	903	69050000	0.158895	0.012307601
chr8	69050001	69150000	1080	924	69100000	0.152695	0.015377453
chr8	69300001	69400000	942	825	69350000	0.118961	0.045992842
chr8	69350001	69450000	998	857	69400000	0.147373	0.018518089
chr8	69550001	69650000	1049	917	69600000	0.121649	0.042449763

chr8	69650001	69750000	1040	905	69700000	0.128222	0.034713544
chr8	69700001	69800000	1141	988	69750000	0.135344	0.027682406
chr8	69850001	69950000	958	830	69900000	0.134543	0.028408913
chr8	69900001	70000000	1058	863	69950000	0.221535	0.00089116
chr8	69950001	70050000	983	859	7.00E+07	0.122162	0.0418004
chr8	70150001	70250000	909	785	70200000	0.139216	0.02438832
chr8	70450001	70550000	1085	946	70500000	0.125411	0.037866662
chr8	70600001	70700000	1041	901	70650000	0.135999	0.027100121
chr8	70650001	70750000	994	843	70700000	0.165341	0.009694756
chr8	71850001	71950000	962	843	71900000	0.118132	0.047131961
chr8	72250001	72350000	998	846	72300000	0.16601	0.009453744
chr8	72900001	73000000	1078	856	72950000	0.260303	0.000124615
chr8	72950001	73050000	1132	898	7.30E+07	0.261715	0.00011543
chr8	73150001	73250000	820	884	73200000	-0.18079	0.005192148
chr8	73950001	74050000	1010	867	7.40E+07	0.14788	0.018197091
chr8	74500001	74600000	1001	861	74550000	0.144985	0.020096392
chr8	75400001	75500000	1025	868	75450000	0.167485	0.008940876
chr8	75500001	75600000	989	844	75550000	0.156356	0.013493568
chr8	75550001	75650000	1052	890	75600000	0.168886	0.008476659
chr8	75800001	75900000	964	821	75850000	0.159279	0.012136108
chr8	76050001	76150000	967	828	76100000	0.151513	0.016031921
chr8	76150001	76250000	915	777	76200000	0.163485	0.010391918
chr8	76350001	76450000	994	857	76400000	0.141579	0.022545049
chr8	76400001	76500000	1032	900	76450000	0.125074	0.038259838
chr8	76600001	76700000	1057	875	76650000	0.200249	0.002348454
chr8	76650001	76750000	1025	882	76700000	0.144402	0.020499032
chr8	76800001	76900000	1075	874	76850000	0.22626	0.000711058
chr8	76850001	76950000	1136	903	76900000	0.258793	0.000135193
chr8	76900001	77000000	1042	907	76950000	0.127809	0.035162808
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chr8	77100001	77200000	1038	881	77150000	0.164221	0.010110624
chr8	77350001	77450000	951	824	77400000	0.134429	0.028512897
chr8	77400001	77500000	1035	900	77450000	0.129262	0.033603145
chr8	77450001	77550000	1069	912	77500000	0.156784	0.013286667
chr8	77500001	77600000	1074	936	77550000	0.126042	0.037139593
chr8	77900001	78000000	933	811	77950000	0.129803	0.033036925
chr8	78050001	78150000	1032	848	78100000	0.210935	0.001458182
chr8	78100001	78200000	1026	860	78150000	0.18225	0.005009499
chr8	78450001	78550000	1019	884	78500000	0.132664	0.030174197
chr8	78500001	78600000	1034	825	78550000	0.253398	0.000180307
chr8	78550001	78650000	1002	848	78600000	0.168375	0.00864356
chr8	78600001	78700000	1050	904	78650000	0.143623	0.021047052
chr8	78750001	78850000	955	831	78800000	0.12828	0.034650374
chr8	78850001	78950000	926	768	78900000	0.197534	0.002642275
chr8	78900001	79000000	1008	849	78950000	0.175287	0.006614438
chr8	79100001	79200000	1007	859	79150000	0.156962	0.013201779
chr8	79150001	79250000	1060	900	79200000	0.163696	0.010310817

chr8	79450001	79550000	1111	918	79500000	0.202921	0.002088515
chr8	79850001	79950000	1027	873	79900000	0.162011	0.010976642
chr8	79900001	80000000	1095	904	79950000	0.204164	0.001976734
chr8	80050001	80150000	957	833	80100000	0.127831	0.035139186
chr8	80100001	80200000	1005	843	80150000	0.181219	0.005222773
chr8	80150001	80250000	1044	886	80200000	0.164371	0.01005385
chr8	80800001	80900000	973	850	80850000	0.122605	0.041244504
chr8	80850001	80950000	949	792	80900000	0.188536	0.00386977
chr8	81200001	81300000	854	705	81250000	0.204241	0.001970028
chr8	81250001	81350000	831	709	81300000	0.156691	0.013331458
chr8	81350001	81450000	958	836	81400000	0.124151	0.039354614
chr8	81400001	81500000	1005	810	81450000	0.23883	0.000382649
chr8	81750001	81850000	1004	1048	81800000	-0.13425	0.028387928
chr8	81800001	81900000	974	1037	81850000	-0.16279	0.010480876
chr8	82050001	82150000	947	825	82100000	0.126599	0.036507234
chr8	82300001	82400000	990	842	82350000	0.161237	0.011295056
chr8	82350001	82450000	1102	928	82400000	0.175556	0.006544999
chr8	82400001	82500000	1030	883	82450000	0.149787	0.017031135
chr8	83000001	83100000	976	835	83050000	0.152733	0.015356576
chr8	83150001	83250000	1047	860	83200000	0.211481	0.001422338
chr8	83200001	83300000	1027	859	83250000	0.185334	0.004417353
chr8	83250001	83350000	1064	858	83300000	0.238077	0.000397428
chr8	83300001	83400000	983	835	83350000	0.163043	0.010564237
chr8	83550001	83650000	1069	908	83600000	0.163126	0.010531906
chr8	83600001	83700000	1006	876	83650000	0.127256	0.03577216
chr8	83850001	83950000	978	858	83900000	0.116485	0.049463965
chr8	83900001	84000000	1038	906	83950000	0.123852	0.039714833
chr8	84050001	84150000	958	838	84100000	0.120704	0.043670014
chr8	84900001	85000000	988	800	84950000	0.232139	0.000533974
chr8	84950001	85050000	1016	790	8.50E+07	0.290604	2.24E-05
chr8	85000001	85100000	1060	904	85050000	0.157298	0.013042426
chr8	85200001	85300000	1023	897	85250000	0.117254	0.048363548
chr8	85300001	85400000	860	735	85350000	0.154221	0.014566357
chr8	85350001	85450000	1014	850	85400000	0.182151	0.005029684
chr8	85400001	85500000	1028	883	85450000	0.146983	0.018768198
chr8	86700001	86800000	4	6	86750000	-0.65733	1.11E-19
chr8	86750001	86850000	120	92	86800000	0.310957	6.46E-06
chr8	87150001	87250000	942	778	87200000	0.203585	0.002028114
chr8	87200001	87300000	1014	860	87250000	0.165277	0.009718143
chr8	87500001	87600000	1020	889	87550000	0.125942	0.037253811
chr8	87550001	87650000	960	821	87600000	0.15328	0.015061662
chr8	87600001	87700000	978	832	87650000	0.160879	0.011444701
chr8	87650001	87750000	971	845	87700000	0.128148	0.034793557
chr8	87950001	88050000	931	791	8.80E+07	0.162732	0.010687293
chr8	88000001	88100000	1001	853	88050000	0.158453	0.012507332
chr8	88100001	88200000	1011	870	88150000	0.144324	0.020553134
chr8	88150001	88250000	1043	834	88200000	0.250248	0.000212829

chr8	88200001	88300000	945	777	88250000	0.210028	0.001519553
chr8	88250001	88350000	813	710	88300000	0.123065	0.04067531
chr8	88300001	88400000	777	679	88350000	0.122131	0.041838535
chr8	88450001	88550000	1019	868	88500000	0.159015	0.012253535
chr8	88550001	88650000	906	784	88600000	0.136286	0.026848894
chr8	88600001	88700000	908	782	88650000	0.143152	0.021384497
chr8	88750001	88850000	934	796	88800000	0.158282	0.012584986
chr8	88800001	88900000	917	734	88850000	0.24877	0.000229914
chr8	88850001	88950000	1024	849	88900000	0.198007	0.002588753
chr8	88900001	89000000	1066	883	88950000	0.19935	0.002442231
chr8	89150001	89250000	932	798	89200000	0.151569	0.016000318
chr8	89200001	89300000	1025	894	89250000	0.124905	0.038458201
chr8	89750001	89850000	1033	861	89800000	0.190383	0.003582318
chr8	89800001	89900000	1013	822	89850000	0.229052	0.000621093
chr8	89850001	89950000	971	813	89900000	0.183844	0.004695164
chr8	89900001	90000000	1016	869	89950000	0.153101	0.01515805
chr8	90050001	90150000	1061	928	90100000	0.120856	0.043471282
chr8	90100001	90200000	984	794	90150000	0.237148	0.000416398
chr8	90150001	90250000	883	756	90200000	0.151655	0.015951967
chr8	90800001	90900000	992	836	90850000	0.174465	0.00683124
chr8	91350001	91450000	774	825	91400000	-0.16443	0.009855207
chr8	92100001	92200000	987	844	92150000	0.153435	0.014979075
chr8	92700001	92800000	959	839	92750000	0.120488	0.043951914
chr8	92800001	92900000	845	873	92850000	-0.1194	0.045062209
chr8	92900001	93000000	932	800	92950000	0.147958	0.018147759
chr8	93150001	93250000	926	787	93200000	0.162277	0.010869109
chr8	93200001	93300000	898	764	93250000	0.160771	0.011490321
chr8	94000001	94100000	1014	889	94050000	0.117431	0.04811452
chr8	94200001	94300000	1002	874	94250000	0.124806	0.03857587
chr8	94250001	94350000	1075	941	94300000	0.119698	0.044998371
chr8	94400001	94500000	858	885	94450000	-0.11707	0.048284314
chr8	94450001	94550000	919	969	94500000	-0.1488	0.0173892
chr8	95100001	95200000	1059	906	95150000	0.152748	0.015348598
chr8	95300001	95400000	885	931	95350000	-0.14548	0.01951554
chr8	95400001	95500000	977	836	95450000	0.152484	0.015492586
chr8	97100001	97200000	973	1005	97150000	-0.11906	0.045530024
chr8	97150001	97250000	952	1030	97200000	-0.18598	0.00419539
chr8	97550001	97650000	1077	916	97600000	0.161227	0.011299031
chr8	97600001	97700000	1100	924	97650000	0.179167	0.005671473
chr8	97800001	97900000	1118	977	97850000	0.122118	0.041855309
chr8	97950001	98050000	1000	855	9.80E+07	0.153632	0.014874824
chr8	98000001	98100000	982	830	98050000	0.17024	0.008048103
chr8	98250001	98350000	925	963	98300000	-0.13045	0.032064823
chr8	99450001	99550000	1031	903	99500000	0.118875	0.0461107
chr8	99700001	99800000	864	752	99750000	0.127927	0.035034151
chr8	1E+08	1E+08	838	694	100100000	0.199643	0.002411333
chr8	1E+08	1E+08	1058	828	100250000	0.281265	3.86E-05

chr8	1E+08	1E+08	1010	758	100300000	0.341714	8.66E-07
chr8	1E+08	1E+08	949	811	100350000	0.154334	0.014507393
chr8	1E+08	1E+08	961	824	100400000	0.14952	0.017190312
chr8	1.01E+08	1.01E+08	922	725	100600000	0.274414	5.71E-05
chr8	1.01E+08	1.01E+08	991	849	100650000	0.150749	0.016468143
chr8	1.01E+08	1.01E+08	1063	930	100850000	0.120467	0.043979514
chr8	1.01E+08	1.01E+08	1046	916	100900000	0.119092	0.045815619
chr8	1.01E+08	1.01E+08	905	766	100950000	0.168202	0.008700682
chr8	1.01E+08	1.01E+08	831	729	1.01E+08	0.116558	0.049358933
chr8	1.01E+08	1.02E+08	965	1034	101450000	-0.17201	0.007368605
chr8	1.01E+08	1.02E+08	1009	1076	101500000	-0.16512	0.009601154
chr8	1.02E+08	1.02E+08	958	1028	101550000	-0.17411	0.006783697
chr8	1.03E+08	1.03E+08	878	909	102700000	-0.12243	0.041135974
chr8	1.04E+08	1.04E+08	961	809	103950000	0.176025	0.00642513
chr8	1.04E+08	1.04E+08	915	793	1.04E+08	0.134079	0.028836197
chr8	1.05E+08	1.05E+08	895	784	104800000	0.118662	0.046401147
chr8	1.05E+08	1.05E+08	1013	866	104850000	0.153823	0.014773839
chr8	1.05E+08	1.05E+08	1042	882	105050000	0.168133	0.00872346
chr8	1.05E+08	1.05E+08	1005	826	105100000	0.21061	0.001479904
chr8	1.05E+08	1.05E+08	1001	838	105150000	0.184048	0.004656254
chr8	1.06E+08	1.06E+08	1037	861	106250000	0.195959	0.002827667
chr8	1.07E+08	1.07E+08	1021	859	106700000	0.176881	0.006211437
chr8	1.07E+08	1.07E+08	1060	913	106750000	0.143006	0.021490172
chr8	1.08E+08	1.08E+08	1026	884	107550000	0.142541	0.021829285
chr8	1.08E+08	1.08E+08	992	844	107900000	0.160725	0.011509643
chr8	1.08E+08	1.08E+08	1038	853	107950000	0.210817	0.001466035
chr8	1.08E+08	1.09E+08	976	856	108450000	0.116899	0.048870079
chr8	1.09E+08	1.09E+08	957	823	108650000	0.145255	0.019912595
chr8	1.09E+08	1.09E+08	861	707	109100000	0.211931	0.0013934
chr8	1.09E+08	1.09E+08	846	699	109150000	0.202993	0.002081847
chr8	1.09E+08	1.09E+08	1060	927	109300000	0.121051	0.043218193
chr8	1.09E+08	1.09E+08	961	814	109350000	0.167136	0.009060092
chr8	1.1E+08	1.1E+08	1015	877	1.10E+08	0.138459	0.025004762
chr8	1.1E+08	1.1E+08	1035	892	110050000	0.142143	0.022122583
chr8	1.1E+08	1.1E+08	1030	900	110100000	0.122276	0.041656805
chr8	1.1E+08	1.1E+08	1013	886	110150000	0.120884	0.043435369
chr8	1.1E+08	1.1E+08	916	789	110350000	0.142951	0.02153019
chr8	1.1E+08	1.1E+08	979	836	110400000	0.155434	0.013947933
chr8	1.1E+08	1.11E+08	1058	887	110450000	0.181962	0.005068378
chr8	1.1E+08	1.11E+08	1074	880	110500000	0.215047	0.001207452
chr8	1.11E+08	1.11E+08	1071	926	110550000	0.137503	0.025802805
chr8	1.11E+08	1.11E+08	1003	813	111300000	0.230623	0.00057525
chr8	1.11E+08	1.11E+08	1075	857	111350000	0.254598	0.000169199
chr8	1.11E+08	1.11E+08	1029	881	111400000	0.151657	0.015950925
chr8	1.11E+08	1.12E+08	1038	858	111500000	0.202385	0.002138438
chr8	1.12E+08	1.12E+08	1026	883	111650000	0.144174	0.020658192
chr8	1.12E+08	1.12E+08	1061	906	111700000	0.15547	0.013930047

chr8	1.12E+08	1.12E+08	1037	905	111750000	0.124054	0.039470512
chr8	1.12E+08	1.12E+08	1048	880	111800000	0.179692	0.005553637
chr8	1.12E+08	1.12E+08	1044	895	111850000	0.14979	0.017029276
chr8	1.12E+08	1.12E+08	1053	920	111900000	0.122428	0.041465914
chr8	1.12E+08	1.12E+08	1001	848	111950000	0.166934	0.009129607
chr8	1.12E+08	1.12E+08	987	854	112150000	0.136442	0.026712307
chr8	1.12E+08	1.12E+08	916	789	112200000	0.142951	0.02153019
chr8	1.12E+08	1.12E+08	1100	901	112350000	0.215533	0.001180595
chr8	1.12E+08	1.12E+08	1003	876	112400000	0.122947	0.040820287
chr8	1.12E+08	1.13E+08	1019	857	112500000	0.177415	0.006081338
chr8	1.13E+08	1.13E+08	1001	817	112550000	0.220662	0.000928738
chr8	1.13E+08	1.13E+08	1018	888	112700000	0.124734	0.038660126
chr8	1.13E+08	1.13E+08	881	758	113200000	0.144572	0.02038045
chr8	1.13E+08	1.13E+08	913	783	113250000	0.149231	0.017364431
chr8	1.13E+08	1.13E+08	1024	880	113300000	0.146269	0.019234364
chr8	1.13E+08	1.13E+08	1022	895	113350000	0.119064	0.04585327
chr8	1.13E+08	1.14E+08	1037	885	113450000	0.156295	0.013523235
chr8	1.13E+08	1.14E+08	1025	857	113500000	0.185885	0.004318485
chr8	1.14E+08	1.14E+08	938	816	113750000	0.128647	0.034256252
chr8	1.14E+08	1.14E+08	1010	847	113800000	0.18155	0.005153562
chr8	1.14E+08	1.14E+08	1031	856	113850000	0.19599	0.002823922
chr8	1.14E+08	1.14E+08	1066	889	114200000	0.18958	0.00370481
chr8	1.14E+08	1.14E+08	1033	828	114250000	0.246766	0.000255135
chr8	1.14E+08	1.14E+08	966	809	114300000	0.183512	0.004759237
chr8	1.15E+08	1.15E+08	991	850	114600000	0.14905	0.017473641
chr8	1.15E+08	1.15E+08	1026	878	114650000	0.152366	0.01555717
chr8	1.15E+08	1.15E+08	1029	858	114800000	0.189822	0.003667608
chr8	1.15E+08	1.15E+08	995	796	114850000	0.249556	0.000220671
chr8	1.15E+08	1.15E+08	942	792	114900000	0.177855	0.005976064
chr8	1.15E+08	1.15E+08	949	823	115100000	0.133144	0.029714789
chr8	1.15E+08	1.15E+08	890	770	115200000	0.136575	0.026596884
chr8	1.15E+08	1.15E+08	880	717	115250000	0.223159	0.000825005
chr8	1.15E+08	1.15E+08	897	763	115300000	0.161053	0.011371626
chr8	1.15E+08	1.15E+08	1020	867	115350000	0.162093	0.01094313
chr8	1.15E+08	1.15E+08	1066	871	115400000	0.219091	0.001000055
chr8	1.15E+08	1.16E+08	1069	880	115450000	0.208315	0.001641964
chr8	1.15E+08	1.16E+08	975	804	115500000	0.205835	0.001835139
chr8	1.16E+08	1.16E+08	911	789	115550000	0.135054	0.027943531
chr8	1.16E+08	1.16E+08	927	784	115650000	0.169344	0.008329453
chr8	1.16E+08	1.16E+08	1031	818	115700000	0.2615	0.000116786
chr8	1.16E+08	1.16E+08	1093	896	115750000	0.214351	0.001246885
chr8	1.16E+08	1.16E+08	1118	893	115800000	0.251816	0.000196008
chr8	1.16E+08	1.16E+08	1017	872	115850000	0.149548	0.017173825
chr8	1.16E+08	1.16E+08	1025	830	1.16E+08	0.232069	0.000535827
chr8	1.16E+08	1.16E+08	993	837	116050000	0.174194	0.006904107
chr8	1.16E+08	1.16E+08	1025	860	116100000	0.180844	0.00530245
chr8	1.17E+08	1.17E+08	943	826	116800000	0.118744	0.046288901

chr8	1.17E+08	1.17E+08	1057	876	1.17E+08	0.198601	0.002523055
chr8	1.17E+08	1.17E+08	1072	905	117050000	0.171943	0.007536226
chr8	1.17E+08	1.17E+08	1075	922	117100000	0.149126	0.017427673
chr8	1.17E+08	1.17E+08	1071	894	117150000	0.18824	0.003917692
chr8	1.17E+08	1.17E+08	1013	862	117300000	0.160503	0.011604247
chr8	1.17E+08	1.18E+08	941	809	117450000	0.145683	0.019623464
chr8	1.17E+08	1.18E+08	1033	904	117500000	0.120074	0.044498413
chr8	1.19E+08	1.19E+08	1144	940	118700000	0.210983	0.001455025
chr8	1.2E+08	1.2E+08	954	1000	119750000	-0.14031	0.023252034
chr8	1.2E+08	1.2E+08	1007	882	119850000	0.118841	0.04615616
chr8	1.2E+08	1.2E+08	832	719	120300000	0.13822	0.02520236
chr8	1.2E+08	1.2E+08	871	739	120350000	0.164727	0.009921023
chr8	1.21E+08	1.21E+08	1003	851	120600000	0.164719	0.009923918
chr8	1.21E+08	1.21E+08	927	812	120800000	0.118718	0.046325001
chr8	1.21E+08	1.21E+08	902	783	120850000	0.131743	0.031072119
chr8	1.21E+08	1.21E+08	949	816	121200000	0.145467	0.019768808
chr8	1.21E+08	1.21E+08	976	854	121250000	0.120273	0.044234652
chr8	1.22E+08	1.22E+08	1014	884	121700000	0.125568	0.037685231
chr8	1.22E+08	1.22E+08	952	828	122050000	0.128959	0.033923634
chr8	1.22E+08	1.22E+08	904	935	122150000	-0.12102	0.042935034
chr8	1.23E+08	1.23E+08	985	835	122650000	0.165976	0.009466089
chr8	1.23E+08	1.23E+08	1009	876	122800000	0.131552	0.031261877
chr8	1.23E+08	1.23E+08	1099	929	122900000	0.170069	0.00810108
chr8	1.23E+08	1.23E+08	1035	854	122950000	0.204951	0.001908865
chr8	1.23E+08	1.23E+08	1035	881	123150000	0.160045	0.011800727
chr8	1.23E+08	1.23E+08	952	830	123350000	0.125478	0.037788535
chr8	1.23E+08	1.23E+08	1068	933	123400000	0.122591	0.041262331
chr8	1.24E+08	1.24E+08	1053	1092	123600000	-0.12484	0.038217021
chr8	1.24E+08	1.24E+08	1058	1099	123650000	-0.12722	0.035495854
chr8	1.24E+08	1.24E+08	1055	1121	123850000	-0.15992	0.011664649
chr8	1.25E+08	1.25E+08	898	926	125250000	-0.11667	0.048859871
chr8	1.25E+08	1.25E+08	968	811	125350000	0.182933	0.004872567
chr8	1.26E+08	1.26E+08	971	849	126300000	0.121335	0.042852228
chr8	1.26E+08	1.27E+08	941	981	126500000	-0.13243	0.030104955
chr8	1.27E+08	1.27E+08	960	1035	126550000	-0.1809	0.005170675
chr8	1.27E+08	1.27E+08	1027	1061	126650000	-0.11936	0.045118485
chr8	1.27E+08	1.27E+08	1021	873	127050000	0.153558	0.014914187
chr8	1.27E+08	1.27E+08	1031	896	127300000	0.130102	0.032728046
chr8	1.27E+08	1.27E+08	880	936	127400000	-0.16138	0.011049813
chr8	1.28E+08	1.28E+08	958	1019	127850000	-0.16143	0.011028682
chr8	1.28E+08	1.28E+08	959	1023	127900000	-0.16558	0.009438345
chr8	1.28E+08	1.28E+08	1002	879	128200000	0.116576	0.04933333
chr8	1.29E+08	1.29E+08	851	897	128800000	-0.14832	0.017684891
chr8	1.3E+08	1.3E+08	1128	950	130100000	0.175396	0.00658629
chr8	1.31E+08	1.31E+08	983	1039	131150000	-0.1523	0.015369856
chr8	1.31E+08	1.31E+08	990	1023	131200000	-0.11968	0.044693179
chr8	1.32E+08	1.32E+08	997	1035	131750000	-0.12634	0.036488273

chr8	1.32E+08	1.32E+08	1049	1082	131850000	-0.11706	0.048304194
chr8	1.32E+08	1.32E+08	978	1019	131900000	-0.13162	0.03089669
chr8	1.32E+08	1.32E+08	1095	934	132400000	0.157065	0.013152853
chr8	1.32E+08	1.33E+08	1103	945	132450000	0.150675	0.016510867
chr8	1.33E+08	1.33E+08	1041	1078	133350000	-0.12276	0.040728339
chr8	1.34E+08	1.34E+08	1080	1147	133900000	-0.15921	0.011973535
chr8	1.34E+08	1.34E+08	1129	1205	133950000	-0.16636	0.009161316
chr8	1.34E+08	1.34E+08	1130	1184	134200000	-0.13972	0.02371697
chr8	1.34E+08	1.34E+08	1122	1191	134250000	-0.15847	0.01230039
chr8	1.34E+08	1.34E+08	1046	1113	134300000	-0.16194	0.010819548
chr8	1.34E+08	1.34E+08	1046	1080	134350000	-0.11852	0.046260424
chr8	1.35E+08	1.35E+08	937	1021	134900000	-0.19623	0.002714799
chr8	1.35E+08	1.36E+08	1061	1144	135500000	-0.18103	0.005141761
chr8	1.36E+08	1.36E+08	1033	1066	135850000	-0.11774	0.047343283
chr8	1.36E+08	1.36E+08	1046	1080	135950000	-0.11852	0.046260424
chr8	1.36E+08	1.36E+08	951	1027	136250000	-0.18329	0.004688818
chr8	1.37E+08	1.37E+08	1061	926	136550000	0.123969	0.039573581
chr8	1.37E+08	1.37E+08	1016	1058	137150000	-0.13081	0.031703326
chr8	1.37E+08	1.38E+08	988	853	137450000	0.139594	0.024085467
chr8	1.37E+08	1.38E+08	974	834	137500000	0.151503	0.016037975
chr8	1.38E+08	1.38E+08	1069	904	137550000	0.169495	0.008281284
chr8	1.38E+08	1.38E+08	999	872	137700000	0.123785	0.039795791
chr8	1.38E+08	1.38E+08	988	836	137750000	0.168636	0.008557728
chr8	1.38E+08	1.38E+08	1028	880	137800000	0.151893	0.015819009
chr8	1.38E+08	1.38E+08	1070	890	138350000	0.193362	0.0031592
chr8	1.38E+08	1.38E+08	991	858	138400000	0.135536	0.027511091
chr8	1.38E+08	1.39E+08	1006	1040	138500000	-0.12032	0.043835144
chr8	1.39E+08	1.39E+08	900	929	138600000	-0.11813	0.046805194
chr8	1.39E+08	1.39E+08	1003	1040	138650000	-0.12463	0.038459321
chr8	1.39E+08	1.39E+08	958	997	138950000	-0.12994	0.032592193
chr8	1.39E+08	1.39E+08	970	1045	1.39E+08	-0.17982	0.005401716
chr8	1.4E+08	1.4E+08	1073	1113	139650000	-0.12518	0.037823422
chr8	1.4E+08	1.4E+08	1013	1106	139700000	-0.19909	0.002396812
chr8	1.4E+08	1.4E+08	1029	1087	139750000	-0.15148	0.015825735
chr8	1.4E+08	1.4E+08	1066	1149	139800000	-0.18054	0.005245351
chr8	1.4E+08	1.4E+08	1064	1171	139850000	-0.21061	0.001428265
chr8	1.4E+08	1.4E+08	1042	1122	139900000	-0.17909	0.005563079
chr8	1.4E+08	1.4E+08	1010	1058	140250000	-0.13936	0.024004839
chr8	1.4E+08	1.4E+08	974	1076	140300000	-0.21606	0.001109385
chr8	1.4E+08	1.4E+08	1018	1133	140350000	-0.22678	0.000663846
chr8	1.4E+08	1.4E+08	1028	1075	140400000	-0.13687	0.026064101
chr8	1.41E+08	1.41E+08	1069	1126	140600000	-0.14732	0.018313306
chr8	1.41E+08	1.41E+08	1056	1174	140650000	-0.22519	0.000717204
chr8	1.41E+08	1.41E+08	1115	1158	140700000	-0.12696	0.035784865
chr8	1.41E+08	1.41E+08	1128	1189	140750000	-0.14835	0.017664677
chr8	1.41E+08	1.41E+08	1091	1237	140800000	-0.25357	0.000168358
chr8	1.41E+08	1.41E+08	1126	1211	140850000	-0.17736	0.005962267

chr8	1.41E+08	1.41E+08	1087	1133	140900000	-0.13217	0.030359431
chr8	1.41E+08	1.41E+08	1005	1119	140950000	-0.22739	0.000644523
chr8	1.41E+08	1.41E+08	946	1071	1.41E+08	-0.25142	0.000188827
chr8	1.41E+08	1.41E+08	1012	1055	141050000	-0.13241	0.030128829
chr8	1.41E+08	1.41E+08	1053	1130	141100000	-0.17419	0.006763758
chr8	1.41E+08	1.41E+08	1045	1087	141150000	-0.12922	0.03334089
chr8	1.41E+08	1.42E+08	795	842	141450000	-0.15524	0.013836586
chr8	1.41E+08	1.42E+08	788	829	141500000	-0.14555	0.019466787
chr8	1.42E+08	1.42E+08	967	1026	141550000	-0.15781	0.012600141
chr8	1.42E+08	1.42E+08	1015	1114	141600000	-0.20664	0.001711907
chr8	1.42E+08	1.42E+08	919	951	141650000	-0.12175	0.04199085
chr8	1.42E+08	1.42E+08	1055	1092	142150000	-0.1221	0.041549111
chr8	1.42E+08	1.42E+08	1045	1150	142200000	-0.2105	0.001435632
chr8	1.42E+08	1.42E+08	1011	1133	142250000	-0.23674	0.000404675
chr8	1.42E+08	1.42E+08	1045	1101	142300000	-0.14768	0.018081673
chr8	1.42E+08	1.42E+08	1073	1228	142350000	-0.26703	8.05E-05
chr8	1.42E+08	1.42E+08	1108	1352	142400000	-0.35951	2.15E-07
chr8	1.42E+08	1.43E+08	1107	1321	142450000	-0.32735	2.00E-06
chr8	1.42E+08	1.43E+08	1086	1223	142500000	-0.24377	0.000282196
chr8	1.43E+08	1.43E+08	1111	1247	142550000	-0.23897	0.000361182
chr8	1.43E+08	1.43E+08	1099	1252	142600000	-0.26041	0.000116137
chr8	1.43E+08	1.43E+08	1110	1285	142650000	-0.28358	3.11E-05
chr8	1.43E+08	1.43E+08	1072	1343	142700000	-0.39753	1.23E-08
chr8	1.43E+08	1.43E+08	501	648	142750000	-0.44355	2.81E-10
chr8	1.43E+08	1.43E+08	275	305	142800000	-0.22175	0.000846875
chr8	1.43E+08	1.43E+08	860	956	142850000	-0.22505	0.000722396
chr8	1.43E+08	1.43E+08	1162	1253	142900000	-0.18115	0.005117985
chr8	1.43E+08	1.43E+08	1013	1067	1.43E+08	-0.1473	0.018325364
chr8	1.43E+08	1.43E+08	1163	1288	143050000	-0.21965	0.000936021
chr8	1.43E+08	1.43E+08	1159	1282	143100000	-0.21789	0.001017742
chr8	1.43E+08	1.43E+08	1105	1209	143150000	-0.20214	0.002094738
chr8	1.43E+08	1.43E+08	1072	1234	143200000	-0.27541	5.00E-05
chr8	1.43E+08	1.43E+08	1119	1330	143250000	-0.32159	2.92E-06
chr8	1.43E+08	1.43E+08	1109	1359	143300000	-0.36566	1.37E-07
chr8	1.43E+08	1.43E+08	1071	1350	143350000	-0.40637	6.11E-09
chr8	1.43E+08	1.43E+08	1081	1280	143400000	-0.31615	4.16E-06
chr8	1.43E+08	1.44E+08	1096	1181	143450000	-0.18013	0.005333308
chr8	1.43E+08	1.44E+08	1104	1235	143500000	-0.23414	0.000461171
chr8	1.44E+08	1.44E+08	1127	1405	143550000	-0.39045	2.13E-08
chr8	1.44E+08	1.44E+08	1156	1447	143600000	-0.3963	1.35E-08
chr8	1.44E+08	1.44E+08	1153	1335	143650000	-0.28382	3.07E-05
chr8	1.44E+08	1.44E+08	1039	1248	143700000	-0.33679	1.06E-06
chr8	1.44E+08	1.44E+08	928	1164	143750000	-0.39927	1.07E-08
chr8	1.44E+08	1.44E+08	976	1182	143800000	-0.34865	4.65E-07
chr8	1.44E+08	1.44E+08	1114	1385	143850000	-0.38651	2.89E-08
chr8	1.44E+08	1.44E+08	1021	1210	143900000	-0.3174	3.84E-06
chr8	1.44E+08	1.44E+08	814	893	143950000	-0.206	0.001761978

chr8	1.44E+08	1.44E+08	871	959	1.44E+08	-0.21123	0.001388414
chr8	1.44E+08	1.44E+08	910	963	144050000	-0.15404	0.014445123
chr8	1.44E+08	1.44E+08	894	925	144100000	-0.12155	0.042247914
chr8	1.44E+08	1.44E+08	909	989	144150000	-0.19406	0.002981705
chr8	1.44E+08	1.44E+08	946	1106	144200000	-0.29781	1.32E-05
chr8	1.44E+08	1.44E+08	976	1158	144250000	-0.31905	3.44E-06
chr8	1.44E+08	1.44E+08	999	1077	144300000	-0.18083	0.005183885
chr8	1.44E+08	1.44E+08	1038	1078	144350000	-0.12692	0.035830365
chr8	1.44E+08	1.44E+08	988	1127	144400000	-0.26228	0.000104838
chr8	1.44E+08	1.45E+08	1018	1287	144450000	-0.41065	4.34E-09
chr8	1.44E+08	1.45E+08	1074	1297	144500000	-0.34456	6.19E-07
chr8	1.45E+08	1.45E+08	1073	1308	144550000	-0.35808	2.38E-07
chr8	1.45E+08	1.45E+08	1053	1390	144600000	-0.47295	2.11E-11
chr8	1.45E+08	1.45E+08	1060	1345	144650000	-0.41591	2.83E-09
chr8	1.45E+08	1.45E+08	983	1127	144700000	-0.2696	6.97E-05
chr8	1.45E+08	1.45E+08	880	927	144750000	-0.14744	0.018236666
chr8	1.45E+08	1.45E+08	982	1043	144800000	-0.15932	0.011925099
chr8	1.45E+08	1.45E+08	1060	1191	144850000	-0.24048	0.000334399
chr8	1.45E+08	1.45E+08	1017	1283	144900000	-0.40757	5.55E-09
chr8	1.45E+08	1.45E+08	976	1272	144950000	-0.45452	1.09E-10
chr8	1.45E+08	1.45E+08	1011	1340	1.45E+08	-0.47882	1.24E-11
chr8	1.45E+08	1.45E+08	1004	1291	145050000	-0.4351	5.77E-10
chr8	1.45E+08	1.45E+08	979	1088	145100000	-0.22467	0.000735694
chr8	1.45E+08	1.45E+08	835	968	145150000	-0.2856	2.76E-05
chr8	1.45E+08	1.45E+08	676	787	145200000	-0.29171	1.91E-05
chr8	1.45E+08	1.46E+08	2	3	145450000	-0.65733	1.11E-19
chr8	1.45E+08	1.46E+08	508	609	145500000	-0.33399	1.28E-06
chr8	1.46E+08	1.46E+08	968	1169	145550000	-0.34457	6.18E-07
chr8	1.46E+08	1.46E+08	928	1124	145600000	-0.34882	4.60E-07
chr8	1.46E+08	1.46E+08	1016	1238	145650000	-0.35748	2.48E-07
chr8	1.46E+08	1.46E+08	1113	1332	145700000	-0.33151	1.51E-06
chr8	1.46E+08	1.46E+08	1016	1196	145750000	-0.30769	7.14E-06
chr8	1.46E+08	1.46E+08	995	1032	145800000	-0.12505	0.037974071
chr8	1.46E+08	1.46E+08	948	989	145900000	-0.13346	0.029128132
chr8	1.46E+08	1.46E+08	884	931	145950000	-0.14711	0.018447261
chr8	1.46E+08	1.46E+08	865	914	1.46E+08	-0.15187	0.015611103
chr8	1.46E+08	1.46E+08	855	904	146050000	-0.15277	0.015116878
chr1	1	100000	7	14	50000	-1.07237	8.26E-44
chr1	450001	550000	1	3	5.00E+05	-1.65733	2.87E-81
chr1	500001	600000	8	9	550000	-0.2423	0.000304577
chr1	550001	650000	9	7	6.00E+05	0.290198	2.29E-05
chr1	650001	750000	52	60	7.00E+05	-0.27882	4.11E-05
chr1	700001	800000	153	175	750000	-0.2662	8.43E-05
chr1	750001	850000	449	534	8.00E+05	-0.3225	2.75E-06
chr1	800001	900000	837	1113	850000	-0.48353	8.05E-12
chr1	850001	950000	967	1293	9.00E+05	-0.49151	3.85E-12
chr1	900001	1000000	995	1274	950000	-0.42897	9.66E-10

chr1	950001	1050000	952	1273	1.00E+06	-0.49157	3.82E-12
chr1	1000001	1100000	927	1231	1050000	-0.48156	9.64E-12
chr1	1050001	1150000	947	1260	1100000	-0.48436	7.46E-12
chr1	1100001	1200000	974	1249	1150000	-0.43115	8.05E-10
chr1	1150001	1250000	960	1261	1200000	-0.46583	4.00E-11
chr1	1200001	1300000	955	1375	1250000	-0.59823	8.21E-17
chr1	1250001	1350000	929	1269	1300000	-0.52231	2.04E-13
chr1	1300001	1400000	814	1005	1350000	-0.37647	6.18E-08
chr1	1350001	1450000	637	745	1400000	-0.29832	1.28E-05
chr1	1400001	1500000	665	742	1450000	-0.23044	0.000554681
chr1	1450001	1550000	800	873	1500000	-0.19835	0.002475325
chr1	1500001	1600000	631	727	1550000	-0.27669	4.65E-05
chr1	1550001	1650000	432	524	1600000	-0.35091	3.97E-07
chr1	1600001	1700000	413	480	1650000	-0.28926	2.22E-05
chr1	1650001	1750000	671	721	1700000	-0.17606	0.006281042
chr1	1750001	1850000	889	962	1800000	-0.18623	0.004153292
chr1	1800001	1900000	965	1026	1850000	-0.1608	0.011288267
chr1	1900001	2000000	951	1101	1950000	-0.28367	3.09E-05
chr1	1950001	2050000	993	1238	2.00E+06	-0.39052	2.12E-08
chr1	2000001	2100000	991	1152	2050000	-0.28956	2.18E-05
chr1	2050001	2150000	1001	1169	2100000	-0.2962	1.46E-05
chr1	2100001	2200000	966	1173	2150000	-0.35248	3.55E-07
chr1	2150001	2250000	965	1140	2200000	-0.3128	5.16E-06
chr1	2200001	2300000	994	1235	2250000	-0.38557	3.10E-08
chr1	2250001	2350000	988	1325	2300000	-0.49578	2.58E-12
chr1	2300001	2400000	1083	1362	2350000	-0.40307	7.95E-09
chr1	2350001	2450000	1181	1460	2400000	-0.37833	5.37E-08
chr1	2400001	2500000	1100	1468	2450000	-0.48872	4.98E-12
chr1	2450001	2550000	1015	1305	2500000	-0.43494	5.85E-10
chr1	2500001	2600000	941	1134	2550000	-0.34153	7.63E-07
chr1	2550001	2650000	634	779	2600000	-0.36951	1.04E-07
chr1	2600001	2700000	312	330	2650000	-0.15329	0.014837967
chr1	2650001	2750000	632	723	2700000	-0.26644	8.32E-05
chr1	2700001	2800000	1076	1266	2750000	-0.30697	7.47E-06
chr1	2750001	2850000	1130	1294	2800000	-0.26789	7.67E-05
chr1	2800001	2900000	1182	1356	2850000	-0.2705	6.62E-05
chr1	2850001	2950000	1180	1289	2900000	-0.19984	0.002319275
chr1	2900001	3000000	1178	1248	2950000	-0.15565	0.013631668
chr1	2950001	3050000	1139	1316	3.00E+06	-0.28076	3.67E-05
chr1	3000001	3100000	1084	1373	3050000	-0.41334	3.49E-09
chr1	3050001	3150000	1115	1269	3100000	-0.25902	0.000125345
chr1	3100001	3200000	1112	1205	3150000	-0.18825	0.003816772
chr1	3150001	3250000	1087	1310	3200000	-0.34159	7.60E-07
chr1	3200001	3300000	1106	1332	3250000	-0.34061	8.13E-07
chr1	3250001	3350000	1174	1366	3300000	-0.2909	2.01E-05
chr1	3300001	3400000	1177	1375	3350000	-0.29669	1.42E-05
chr1	3350001	3450000	1109	1392	3400000	-0.40027	9.91E-09

chr1	3400001	3500000	1139	1476	3450000	-0.4463	2.22E-10
chr1	3450001	3550000	1116	1372	3500000	-0.37032	9.76E-08
chr1	3500001	3600000	1051	1248	3550000	-0.32023	3.19E-06
chr1	3550001	3650000	1042	1308	3600000	-0.40038	9.83E-09
chr1	3600001	3700000	995	1254	3650000	-0.40614	6.22E-09
chr1	3650001	3750000	938	1017	3700000	-0.18903	0.00369316
chr1	3750001	3850000	934	976	3800000	-0.13583	0.026965837
chr1	3800001	3900000	467	493	3850000	-0.15054	0.016362578
chr1	3950001	4050000	560	626	4.00E+06	-0.23311	0.000485694
chr1	4000001	4100000	988	1101	4050000	-0.2286	0.000607175
chr1	4050001	4150000	968	1040	4100000	-0.17588	0.006326641
chr1	4100001	4200000	1016	1049	4150000	-0.11849	0.046307384
chr1	4250001	4350000	987	1036	4300000	-0.14227	0.02176616
chr1	4300001	4400000	1038	1086	4350000	-0.13759	0.025452402
chr1	4400001	4500000	1064	1149	4450000	-0.18325	0.004696196
chr1	4450001	4550000	1051	1130	4500000	-0.17693	0.006066103
chr1	4500001	4600000	1040	1124	4550000	-0.18443	0.004473926
chr1	4550001	4650000	990	1055	4600000	-0.16411	0.009974021
chr1	4600001	4700000	974	1052	4650000	-0.18351	0.004646227
chr1	4650001	4750000	1031	1151	4700000	-0.23122	0.000533685
chr1	4700001	4800000	1082	1195	4750000	-0.21568	0.001129024
chr1	4750001	4850000	1157	1200	4800000	-0.12502	0.03800801
chr1	4900001	5000000	931	965	4950000	-0.12412	0.03907105
chr1	4950001	5050000	1052	1086	5.00E+06	-0.11826	0.046617256
chr1	5250001	5350000	1023	1128	5300000	-0.21333	0.001259761
chr1	5300001	5400000	1049	1164	5350000	-0.22245	0.000818943
chr1	5350001	5450000	1103	1176	5400000	-0.16483	0.009709448
chr1	5450001	5550000	1082	1156	5500000	-0.16781	0.008666778
chr1	5500001	5600000	1068	1131	5550000	-0.15506	0.013925763
chr1	5550001	5650000	1053	1093	5600000	-0.12616	0.036689591
chr1	5600001	5700000	1037	1108	5650000	-0.16791	0.008633268
chr1	5650001	5750000	1176	1221	5700000	-0.12655	0.036251367
chr1	5700001	5800000	1145	1223	5750000	-0.16745	0.008788424
chr1	5750001	5850000	1001	1140	5800000	-0.25996	0.000119045
chr1	5800001	5900000	1055	1134	5850000	-0.17655	0.006159385
chr1	5850001	5950000	1105	1148	5900000	-0.12745	0.035248039
chr1	5950001	6050000	1054	1104	6.00E+06	-0.13924	0.024100141
chr1	6000001	6100000	1020	1191	6050000	-0.29598	1.48E-05
chr1	6050001	6150000	1041	1237	6100000	-0.32125	2.99E-06
chr1	6100001	6200000	1058	1234	6150000	-0.29437	1.63E-05
chr1	6150001	6250000	1015	1220	6200000	-0.33777	9.88E-07
chr1	6200001	6300000	913	1055	6250000	-0.28093	3.63E-05
chr1	6250001	6350000	971	1063	6300000	-0.20297	0.002018725
chr1	6300001	6400000	1065	1113	6350000	-0.13597	0.026841316
chr1	6350001	6450000	957	1001	6400000	-0.13722	0.025761718
chr1	6400001	6500000	824	954	6450000	-0.28372	3.09E-05
chr1	6450001	6550000	795	963	6500000	-0.34895	4.55E-07

chr1	6500001	6600000	940	1042	6550000	-0.22099	0.000878041
chr1	6550001	6650000	979	1017	6600000	-0.12731	0.035399483
chr1	6600001	6700000	902	1020	6650000	-0.24974	0.000206401
chr1	6650001	6750000	879	1010	6700000	-0.27279	5.81E-05
chr1	6700001	6800000	830	887	6750000	-0.16819	0.008540787
chr1	7100001	7200000	1088	1139	7150000	-0.13846	0.024729386
chr1	7150001	7250000	1084	1121	7200000	-0.12079	0.043222925
chr1	7200001	7300000	1012	1054	7250000	-0.13104	0.031475745
chr1	7250001	7350000	1009	1048	7300000	-0.12708	0.035650237
chr1	7450001	7550000	1069	1155	7500000	-0.184	0.004553487
chr1	7500001	7600000	1135	1185	7550000	-0.13457	0.028099081
chr1	7550001	7650000	1114	1182	7600000	-0.15785	0.012582715
chr1	7600001	7700000	1002	1147	7650000	-0.26735	7.90E-05
chr1	7650001	7750000	1013	1148	7700000	-0.25286	0.000174844
chr1	7700001	7800000	1060	1124	7750000	-0.15695	0.013004021
chr1	8100001	8200000	918	779	8150000	0.164499	0.010005918
chr1	8150001	8250000	948	783	8200000	0.203503	0.002035498
chr1	9200001	9300000	883	927	9250000	-0.14253	0.021580003
chr1	9250001	9350000	960	1052	9300000	-0.2044	0.001893706
chr1	9400001	9500000	1016	1085	9450000	-0.16717	0.008883726
chr1	9750001	9850000	876	930	9800000	-0.15867	0.012210888
chr1	9800001	9900000	773	834	9850000	-0.18195	0.004953273
chr1	9850001	9950000	894	960	9900000	-0.17513	0.006516461
chr1	9900001	10000000	903	948	9950000	-0.14253	0.021576226
chr1	10000001	10100000	755	621	10050000	0.209512	0.001555536
chr1	10600001	10700000	1005	1036	10650000	-0.1162	0.0495354
chr1	10650001	10750000	1144	1263	10700000	-0.21514	0.001158059
chr1	10700001	10800000	1138	1322	10750000	-0.28859	2.31E-05
chr1	10750001	10850000	1086	1230	10800000	-0.25201	0.000183005
chr1	10800001	10900000	1100	1174	10850000	-0.1663	0.009181828
chr1	10850001	10950000	1043	1120	10900000	-0.17513	0.006516461
chr1	10900001	11000000	963	1010	10950000	-0.14112	0.022629851
chr1	10950001	11050000	930	963	1.10E+07	-0.12268	0.040830049
chr1	11000001	11100000	806	832	11050000	-0.11818	0.046735798
chr1	11050001	11150000	766	818	11100000	-0.16713	0.008896694
chr1	11100001	11200000	864	917	11150000	-0.15826	0.012395547
chr1	11400001	11500000	970	1002	11450000	-0.1192	0.045337761
chr1	11450001	11550000	1021	1112	11500000	-0.19555	0.002796917
chr1	11500001	11600000	1094	1231	11550000	-0.24259	0.000300004
chr1	11550001	11650000	1073	1166	11600000	-0.19229	0.003216879
chr1	11600001	11700000	1040	1107	11650000	-0.16244	0.010619157
chr1	11650001	11750000	929	1062	11700000	-0.26541	8.81E-05
chr1	11700001	11800000	921	1050	11750000	-0.26149	0.000109491
chr1	11750001	11850000	999	1040	11800000	-0.1304	0.032121347
chr1	11850001	11950000	967	1041	11900000	-0.17875	0.0056387
chr1	11900001	12000000	824	968	11950000	-0.30473	8.60E-06
chr1	11950001	12050000	809	919	1.20E+07	-0.2563	0.000145335

chr1	12000001	12100000	902	934	12050000	-0.12267	0.04084242
chr1	12150001	12250000	1044	1076	12200000	-0.11593	0.049931423
chr1	12200001	12300000	1030	1086	12250000	-0.14875	0.017420856
chr1	12300001	12400000	982	836	12350000	0.159848	0.011886105
chr1	12350001	12450000	1051	883	12400000	0.178906	0.005731035
chr1	12550001	12650000	950	1011	12600000	-0.16216	0.010734009
chr1	12600001	12700000	986	1031	12650000	-0.13676	0.026159853
chr1	12800001	12900000	492	536	12850000	-0.19595	0.002748813
chr1	12850001	12950000	175	184	12900000	-0.14472	0.02002613
chr1	12900001	13000000	81	92	12950000	-0.25608	0.00014702
chr1	12950001	13050000	7	6	1.30E+07	0.150021	0.016892961
chr1	13000001	13100000	1	2	13050000	-1.07237	8.26E-44
chr1	13050001	13150000	11	12	13100000	-0.1979	0.002524585
chr1	13100001	13200000	129	107	13150000	0.197388	0.002658939
chr1	13150001	13250000	121	106	13200000	0.118571	0.046526365
chr1	13200001	13300000	2	10	13250000	-2.3943	1.39E-120
chr1	13400001	13500000	0	2	13450000	#NAME?	1.59E-189
chr1	13450001	13550000	1	3	13500000	-1.65733	2.87E-81
chr1	13650001	13750000	4	2	13700000	0.927628	7.06E-34
chr1	13700001	13800000	211	219	13750000	-0.12606	0.036803586
chr1	14350001	14450000	1020	1064	14400000	-0.1333	0.029273617
chr1	14400001	14500000	1030	1083	14450000	-0.14476	0.020000047
chr1	14450001	14550000	1002	1051	14500000	-0.14125	0.022529217
chr1	15200001	15300000	957	995	15250000	-0.12855	0.034052931
chr1	15400001	15500000	1010	1081	15450000	-0.17038	0.007849346
chr1	15450001	15550000	984	1051	15500000	-0.1674	0.008803346
chr1	16000001	16100000	900	940	16050000	-0.13511	0.027609213
chr1	16200001	16300000	918	974	16250000	-0.1578	0.012607196
chr1	16250001	16350000	1001	1054	16300000	-0.1468	0.018641142
chr1	16300001	16400000	812	896	16350000	-0.21439	0.001199247
chr1	16350001	16450000	767	908	16400000	-0.31584	4.24E-06
chr1	16400001	16500000	989	1086	16450000	-0.20735	0.001657562
chr1	16450001	16550000	1069	1164	16500000	-0.1952	0.002838901
chr1	16500001	16600000	1013	1060	16550000	-0.1378	0.025274555
chr1	16800001	16900000	324	350	16850000	-0.18373	0.004604364
chr1	16850001	16950000	635	682	16900000	-0.17539	0.006450782
chr1	16900001	17000000	834	883	16950000	-0.15474	0.014087871
chr1	16950001	17050000	856	940	1.70E+07	-0.20742	0.001652435
chr1	17000001	17100000	732	794	17050000	-0.18967	0.003595553
chr1	17050001	17150000	184	199	17100000	-0.18543	0.004291924
chr1	17100001	17200000	33	26	17150000	0.271583	6.70E-05
chr1	17200001	17300000	748	775	17250000	-0.12353	0.039782463
chr1	17250001	17350000	903	987	17300000	-0.2007	0.002233098
chr1	17300001	17400000	896	1005	17350000	-0.238	0.000379621
chr1	17350001	17450000	961	1000	17400000	-0.12976	0.032774395
chr1	17450001	17550000	1060	1100	17500000	-0.12581	0.037087981
chr1	17500001	17600000	1060	1133	17550000	-0.16846	0.008455659

chr1	17550001	17650000	977	1071	17600000	-0.2049	0.001851717
chr1	17600001	17700000	924	1039	17650000	-0.2416	0.000315671
chr1	17650001	17750000	950	993	17700000	-0.13624	0.026608605
chr1	17850001	17950000	1058	1176	17900000	-0.22492	0.000726808
chr1	17900001	18000000	1154	1234	17950000	-0.16907	0.008257705
chr1	17950001	18050000	1152	1193	1.80E+07	-0.12283	0.040646385
chr1	18000001	18100000	1078	1179	18050000	-0.20158	0.002147578
chr1	18150001	18250000	1066	1167	18200000	-0.20297	0.00201884
chr1	18200001	18300000	1064	1148	18250000	-0.182	0.004944075
chr1	18450001	18550000	1097	1139	18500000	-0.12658	0.036218626
chr1	18550001	18650000	1118	1188	18600000	-0.15999	0.011633952
chr1	18600001	18700000	1094	1184	18650000	-0.18643	0.004118382
chr1	18800001	18900000	1025	1099	18850000	-0.17294	0.007104602
chr1	18850001	18950000	963	1101	18900000	-0.26558	8.73E-05
chr1	18900001	19000000	1025	1100	18950000	-0.17425	0.00674716
chr1	18950001	19050000	1095	1144	1.90E+07	-0.13553	0.027233464
chr1	19100001	19200000	1104	1151	19150000	-0.13252	0.030018838
chr1	19150001	19250000	1053	1169	19200000	-0.22314	0.000792079
chr1	19200001	19300000	1050	1158	19250000	-0.21362	0.001243191
chr1	19250001	19350000	1060	1144	19300000	-0.18239	0.004864242
chr1	19300001	19400000	1044	1180	19350000	-0.24904	0.000214235
chr1	19350001	19450000	1067	1206	19400000	-0.24904	0.000214183
chr1	19400001	19500000	1056	1147	19450000	-0.19163	0.003308939
chr1	19550001	19650000	873	904	19600000	-0.12271	0.04078534
chr1	19600001	19700000	909	1043	19650000	-0.27076	6.52E-05
chr1	19650001	19750000	1007	1113	19700000	-0.21676	0.001073217
chr1	19700001	19800000	989	1036	19750000	-0.13935	0.024007043
chr1	19750001	19850000	937	968	19800000	-0.11933	0.045159512
chr1	20400001	20500000	1037	1076	20450000	-0.12563	0.037291639
chr1	20450001	20550000	1052	1135	20500000	-0.18193	0.004957598
chr1	20500001	20600000	1034	1095	20550000	-0.15507	0.013922047
chr1	20550001	20650000	1075	1117	20600000	-0.12766	0.035010688
chr1	20750001	20850000	1029	1081	20800000	-0.1435	0.020882822
chr1	20800001	20900000	957	992	20850000	-0.12419	0.038983211
chr1	20950001	21050000	960	1009	2.10E+07	-0.14419	0.020393031
chr1	21000001	21100000	923	1003	21050000	-0.19229	0.003216695
chr1	21250001	21350000	971	838	21300000	0.140149	0.02364557
chr1	21300001	21400000	991	858	21350000	0.135536	0.027511091
chr1	21500001	21600000	873	904	21550000	-0.12271	0.04078534
chr1	21750001	21850000	587	617	21800000	-0.14428	0.020330358
chr1	21800001	21900000	873	909	21850000	-0.13067	0.031845359
chr1	21850001	21950000	978	1125	21900000	-0.27439	5.31E-05
chr1	21900001	22000000	1035	1245	21950000	-0.33889	9.15E-07
chr1	21950001	22050000	985	1019	2.20E+07	-0.12133	0.042529556
chr1	22050001	22150000	790	837	22100000	-0.15575	0.013584134
chr1	22100001	22200000	893	964	22150000	-0.18274	0.004795006
chr1	22150001	22250000	1061	1166	22200000	-0.20851	0.001572303

chr1	22200001	22300000	949	1079	22250000	-0.25759	0.000135521
chr1	22250001	22350000	577	631	22300000	-0.20144	0.002160738
chr1	22450001	22550000	1076	1135	22500000	-0.14939	0.017038251
chr1	22500001	22600000	1102	1156	22550000	-0.14139	0.022425609
chr1	22650001	22750000	1108	1159	22700000	-0.13729	0.025701095
chr1	22850001	22950000	1144	1268	22900000	-0.22084	0.000884566
chr1	22900001	23000000	1095	1265	22950000	-0.28058	3.71E-05
chr1	22950001	23050000	1055	1177	2.30E+07	-0.23024	0.000560016
chr1	23000001	23100000	1080	1154	23050000	-0.16798	0.008610155
chr1	23050001	23150000	1143	1222	23100000	-0.16879	0.008347328
chr1	23100001	23200000	1144	1193	23150000	-0.13288	0.029674182
chr1	23650001	23750000	900	932	23700000	-0.12278	0.040706241
chr1	24000001	24100000	817	847	24050000	-0.1244	0.038739171
chr1	24050001	24150000	886	929	24100000	-0.14074	0.0229171
chr1	24400001	24500000	1062	1109	24450000	-0.13485	0.027843886
chr1	24600001	24700000	1010	1061	24650000	-0.14344	0.020921345
chr1	24650001	24750000	1041	1098	24700000	-0.14928	0.017101809
chr1	25150001	25250000	958	1045	25200000	-0.19778	0.002538457
chr1	25200001	25300000	1095	1210	25250000	-0.21645	0.001089165
chr1	25350001	25450000	1044	1091	25400000	-0.1359	0.026903508
chr1	25600001	25700000	260	311	25650000	-0.33077	1.59E-06
chr1	25650001	25750000	310	323	25700000	-0.13164	0.030878661
chr1	25850001	25950000	1045	1108	25900000	-0.15683	0.013062262
chr1	25900001	26000000	988	1042	25950000	-0.14914	0.017183264
chr1	26050001	26150000	1035	1175	26100000	-0.2554	0.000152534
chr1	26100001	26200000	960	1062	26150000	-0.21805	0.001009991
chr1	26300001	26400000	958	1027	26350000	-0.17271	0.007168633
chr1	26350001	26450000	894	1000	26400000	-0.23403	0.000463898
chr1	26600001	26700000	984	1057	26650000	-0.17562	0.006392175
chr1	26650001	26750000	914	951	26700000	-0.12962	0.032920283
chr1	27100001	27200000	890	924	27150000	-0.12646	0.036350167
chr1	27150001	27250000	899	943	27200000	-0.14131	0.022486448
chr1	27300001	27400000	855	897	27350000	-0.14156	0.022300328
chr1	27350001	27450000	867	938	27400000	-0.18593	0.004204974
chr1	27400001	27500000	927	995	27450000	-0.1745	0.006681533
chr1	27650001	27750000	990	1039	27700000	-0.14207	0.021918787
chr1	27800001	27900000	958	1025	27850000	-0.1699	0.007998136
chr1	27850001	27950000	1130	1296	27900000	-0.27011	6.77E-05
chr1	27900001	28000000	1044	1201	27950000	-0.27449	5.28E-05
chr1	27950001	28050000	873	921	2.80E+07	-0.14959	0.016916007
chr1	28650001	28750000	754	659	28700000	0.121914	0.042112789
chr1	28700001	28800000	824	713	28750000	0.13637	0.026774811
chr1	28750001	28850000	849	700	28800000	0.206038	0.001818585
chr1	28900001	29000000	696	723	28950000	-0.12728	0.035433265
chr1	29250001	29350000	926	775	29300000	0.184444	0.004581492
chr1	29300001	29400000	896	743	29350000	0.197765	0.002616074
chr1	29400001	29500000	841	876	29450000	-0.1312	0.031316201

chr1	29450001	29550000	878	931	29500000	-0.15693	0.013012325
chr1	29500001	29600000	986	1043	29550000	-0.15345	0.014753518
chr1	29550001	29650000	1073	1168	29600000	-0.19476	0.002893194
chr1	29800001	29900000	825	856	29850000	-0.12559	0.037344124
chr1	29850001	29950000	289	315	29900000	-0.19665	0.002665698
chr1	30450001	30550000	1022	1080	30500000	-0.15201	0.015532544
chr1	30500001	30600000	1066	1230	30550000	-0.27882	4.11E-05
chr1	30550001	30650000	1039	1142	30600000	-0.20874	0.001556337
chr1	30700001	30800000	1088	1133	30750000	-0.13084	0.031673005
chr1	30750001	30850000	1011	1092	30800000	-0.18356	0.004636909
chr1	30950001	31050000	1016	1061	3.10E+07	-0.1349	0.027799871
chr1	31000001	31100000	1031	1084	31050000	-0.14469	0.020046998
chr1	31150001	31250000	1126	1202	31200000	-0.1666	0.009077142
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chr1	31350001	31450000	945	988	31400000	-0.13657	0.02632186
chr1	31750001	31850000	1040	912	31800000	0.117106	0.04857432
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chr1	31950001	32050000	914	944	3.20E+07	-0.11896	0.045653656
chr1	32000001	32100000	955	1112	32050000	-0.29196	1.89E-05
chr1	32050001	32150000	1054	1218	32100000	-0.28101	3.62E-05
chr1	32100001	32200000	1133	1322	32150000	-0.29495	1.57E-05
chr1	32150001	32250000	1130	1395	32200000	-0.37631	6.25E-08
chr1	32200001	32300000	1061	1210	32250000	-0.26195	0.000106717
chr1	32450001	32550000	805	835	32500000	-0.12516	0.037842203
chr1	32500001	32600000	821	855	32550000	-0.13091	0.031599626
chr1	32600001	32700000	872	976	32650000	-0.23492	0.000443408
chr1	32650001	32750000	846	932	32700000	-0.21204	0.001337237
chr1	32800001	32900000	880	944	32850000	-0.17366	0.00690757
chr1	33000001	33100000	788	669	33050000	0.163818	0.01026398
chr1	33150001	33250000	875	907	33200000	-0.12419	0.038985198
chr1	33300001	33400000	952	1057	33350000	-0.22331	0.000785524
chr1	33400001	33500000	1020	868	33450000	0.16043	0.011635057
chr1	33450001	33550000	947	831	33500000	0.116144	0.04995783
chr1	33550001	33650000	1051	1093	33600000	-0.1289	0.033676876
chr1	33600001	33700000	937	1025	33650000	-0.20187	0.002119526
chr1	33750001	33850000	970	1049	33800000	-0.18533	0.004310575
chr1	33800001	33900000	1008	1053	33850000	-0.13538	0.027363805
chr1	33850001	33950000	992	1054	33900000	-0.15983	0.011699331
chr1	33900001	34000000	1004	1042	33950000	-0.12597	0.036908461
chr1	34100001	34200000	1005	1062	34150000	-0.15196	0.015558963
chr1	34150001	34250000	1078	1169	34200000	-0.18929	0.003653266
chr1	34350001	34450000	1129	1166	34400000	-0.11889	0.045749372
chr1	34600001	34700000	1142	1200	34650000	-0.14384	0.020636655
chr1	34650001	34750000	1075	1115	34700000	-0.12508	0.037936052
chr1	35250001	35350000	1061	1137	35300000	-0.17218	0.007319174
chr1	35300001	35400000	1063	1221	35350000	-0.27229	5.98E-05
chr1	35750001	35850000	899	770	35800000	0.151091	0.016271689

chr1	36200001	36300000	939	803	36250000	0.153353	0.0150227
chr1	36400001	36500000	915	774	36450000	0.169066	0.008418333
chr1	36550001	36650000	1012	1076	36600000	-0.16084	0.011271996
chr1	36750001	36850000	903	990	36800000	-0.20507	0.001837251
chr1	37000001	37100000	1098	1222	37050000	-0.22674	0.000665276
chr1	37050001	37150000	1083	1179	37100000	-0.1949	0.002875745
chr1	37200001	37300000	1069	1179	37250000	-0.21367	0.001239962
chr1	37250001	37350000	1160	1223	37300000	-0.14867	0.01746972
chr1	37350001	37450000	1100	1178	37400000	-0.17121	0.007601856
chr1	37400001	37500000	1068	1224	37450000	-0.26906	7.18E-05
chr1	37450001	37550000	1063	1210	37500000	-0.25924	0.000123868
chr1	37500001	37600000	1125	1205	37550000	-0.17148	0.007521724
chr1	37650001	37750000	951	991	37700000	-0.13181	0.03070761
chr1	37700001	37800000	1132	1176	37750000	-0.12739	0.035316519
chr1	37850001	37950000	997	1039	37900000	-0.1319	0.030618809
chr1	37900001	38000000	888	933	37950000	-0.14369	0.020745466
chr1	38200001	38300000	865	995	38250000	-0.27437	5.31E-05
chr1	38300001	38400000	884	735	38350000	0.19393	0.003083758
chr1	38350001	38450000	737	634	38400000	0.14481	0.020216476
chr1	38700001	38800000	1082	1126	38750000	-0.12988	0.032655719
chr1	39150001	39250000	1013	1049	39200000	-0.12275	0.040736522
chr1	39650001	39750000	950	833	39700000	0.117239	0.048385147
chr1	40100001	40200000	991	1037	40150000	-0.13783	0.02525049
chr1	40150001	40250000	822	866	40200000	-0.1476	0.018133837
chr1	40200001	40300000	769	799	40250000	-0.12758	0.03509902
chr1	41050001	41150000	973	1011	41100000	-0.12764	0.035033941
chr1	41250001	41350000	1127	1175	41300000	-0.13255	0.029994193
chr1	41350001	41450000	870	915	41400000	-0.14513	0.01974973
chr1	41400001	41500000	870	965	41450000	-0.22189	0.000841374
chr1	41700001	41800000	974	1083	41750000	-0.22541	0.000709685
chr1	41750001	41850000	1053	1179	41800000	-0.23543	0.000432274
chr1	41800001	41900000	1139	1270	41850000	-0.22943	0.000582886
chr1	41850001	41950000	1200	1268	41900000	-0.15189	0.015596532
chr1	41900001	42000000	1175	1382	41950000	-0.30647	7.71E-06
chr1	41950001	42050000	1095	1278	4.20E+07	-0.29533	1.54E-05
chr1	42000001	42100000	1058	1149	42050000	-0.19141	0.003339534
chr1	42050001	42150000	1108	1195	42100000	-0.18142	0.005060721
chr1	42100001	42200000	1150	1217	42150000	-0.15407	0.014431626
chr1	42150001	42250000	1082	1231	42200000	-0.2585	0.000128937
chr1	42200001	42300000	1028	1125	42250000	-0.20246	0.002065435
chr1	42550001	42650000	1011	1112	42600000	-0.20975	0.001486352
chr1	42600001	42700000	1008	1072	42650000	-0.16118	0.011130471
chr1	43150001	43250000	925	982	43200000	-0.15864	0.012224421
chr1	43950001	44050000	1046	1208	4.40E+07	-0.28011	3.81E-05
chr1	44000001	44100000	1070	1212	44050000	-0.25215	0.000181598
chr1	44050001	44150000	960	1006	44100000	-0.1399	0.023576729
chr1	44100001	44200000	926	955	44150000	-0.11686	0.048585317

chr1	44350001	44450000	1155	1195	44400000	-0.12149	0.042325517
chr1	44400001	44500000	1111	1217	44450000	-0.20384	0.001941629
chr1	44450001	44550000	983	1057	44500000	-0.17708	0.006029393
chr1	44700001	44800000	1180	1228	44750000	-0.1299	0.032637769
chr1	44750001	44850000	1075	1120	44800000	-0.13153	0.030981292
chr1	45000001	45100000	1092	1146	45050000	-0.14201	0.021964009
chr1	45050001	45150000	1077	1218	45100000	-0.24987	0.000205028
chr1	45100001	45200000	964	1057	45150000	-0.20524	0.00182344
chr1	45150001	45250000	840	880	45200000	-0.13949	0.023901227
chr1	45200001	45300000	874	924	45250000	-0.15263	0.015191837
chr1	46100001	46200000	892	771	46150000	0.137941	0.025434395
chr1	46750001	46850000	860	735	46800000	0.154221	0.014566357
chr1	46850001	46950000	996	1102	46900000	-0.21828	0.000999106
chr1	46900001	47000000	1089	1175	46950000	-0.18203	0.004937555
chr1	47100001	47200000	903	932	47150000	-0.11798	0.047012969
chr1	47650001	47750000	1010	1060	47700000	-0.14208	0.021908612
chr1	47750001	47850000	843	729	47800000	0.137242	0.026023852
chr1	48200001	48300000	1121	1215	48250000	-0.18854	0.00377001
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chr1	48300001	48400000	1139	1208	48350000	-0.15722	0.012874475
chr1	48750001	48850000	917	769	48800000	0.181566	0.005150082
chr1	49100001	49200000	1137	1199	49150000	-0.14897	0.01728758
chr1	49150001	49250000	1114	1186	49200000	-0.16273	0.010507358
chr1	49550001	49650000	907	959	49600000	-0.1528	0.015100764
chr1	50300001	50400000	896	766	50350000	0.153783	0.014795352
chr1	50350001	50450000	905	747	50400000	0.204438	0.001952903
chr1	50400001	50500000	909	778	50450000	0.152138	0.015682761
chr1	50750001	50850000	973	1048	50800000	-0.1795	0.005471879
chr1	50800001	50900000	887	1047	50850000	-0.31163	5.56E-06
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chr1	51450001	51550000	923	796	51500000	0.14119	0.022839692
chr1	51500001	51600000	939	818	51550000	0.126653	0.036446364
chr1	52400001	52500000	894	923	52450000	-0.11843	0.046387779
chr1	52900001	53000000	995	858	52950000	0.141347	0.022720468
chr1	53200001	53300000	838	727	53250000	0.132623	0.030213621
chr1	53400001	53500000	849	714	53450000	0.177469	0.006068432
chr1	53450001	53550000	998	834	53500000	0.186621	0.004189505
chr1	53500001	53600000	1164	1205	53550000	-0.12231	0.041282623
chr1	53550001	53650000	1071	1188	53600000	-0.22195	0.000838843
chr1	53800001	53900000	994	1073	53850000	-0.1827	0.004802998
chr1	53850001	53950000	984	1060	53900000	-0.17971	0.00542629
chr1	53900001	54000000	1050	1178	53950000	-0.23832	0.000373391
chr1	53950001	54050000	1080	1253	5.40E+07	-0.28673	2.58E-05
chr1	54000001	54100000	1092	1185	54050000	-0.19029	0.003502742
chr1	54050001	54150000	1133	1199	54100000	-0.15406	0.014437587
chr1	54100001	54200000	1126	1164	54150000	-0.12026	0.04392593
chr1	54150001	54250000	983	1055	54200000	-0.17435	0.006720567

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chr1	54900001	55000000	832	905	54950000	-0.19371	0.003027648
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chr1	55250001	55350000	981	1074	55300000	-0.20304	0.002012385
chr1	55350001	55450000	792	825	55400000	-0.13127	0.031247765
chr1	55400001	55500000	947	981	55450000	-0.12326	0.040110856
chr1	55500001	55600000	1058	1091	55550000	-0.11668	0.048838746
chr1	55900001	56000000	992	868	55950000	0.120273	0.044234652
chr1	56050001	56150000	1038	861	56100000	0.19735	0.002663415
chr1	56450001	56550000	1113	962	56500000	0.137973	0.025407729
chr1	56850001	56950000	1032	1096	56900000	-0.15918	0.011986426
chr1	56900001	57000000	1037	1080	56950000	-0.13099	0.031526059
chr1	57150001	57250000	982	1047	57200000	-0.16484	0.009705323
chr1	57200001	57300000	1027	1094	57250000	-0.16355	0.010188613
chr1	57300001	57400000	1077	1115	57350000	-0.1224	0.041178317
chr1	57900001	58000000	965	1012	57950000	-0.14098	0.022735884
chr1	58450001	58550000	1033	1134	58500000	-0.20695	0.001687987
chr1	60150001	60250000	988	1076	60200000	-0.19547	0.002806463
chr1	60200001	60300000	995	1036	60250000	-0.13063	0.031888977
chr1	60900001	61000000	919	791	60950000	0.144015	0.020769277
chr1	60950001	61050000	985	800	6.10E+07	0.227752	0.000661581
chr1	61000001	61100000	1067	929	61050000	0.127438	0.035570609
chr1	61550001	61650000	1100	960	61600000	0.124025	0.03950537
chr1	61800001	61900000	1088	951	61850000	0.12179	0.042271135
chr1	62150001	62250000	845	707	62200000	0.184869	0.00450242
chr1	62200001	62300000	879	733	62250000	0.189678	0.003689684
chr1	62950001	63050000	954	825	6.30E+07	0.137223	0.026039751
chr1	63000001	63100000	932	804	63050000	0.140763	0.023167933
chr1	63200001	63300000	875	755	63250000	0.140435	0.023422375
chr1	63850001	63950000	930	796	63900000	0.152091	0.015709261
chr1	64550001	64650000	958	995	64600000	-0.12704	0.035696556
chr1	64650001	64750000	907	786	64700000	0.134201	0.028722865
chr1	65600001	65700000	881	942	65650000	-0.16896	0.008294096
chr1	65650001	65750000	889	938	65700000	-0.14978	0.016806486
chr1	65700001	65800000	955	1009	65750000	-0.15173	0.01568912
chr1	65750001	65850000	1042	1077	65800000	-0.12003	0.044218104
chr1	65950001	66050000	862	743	6.60E+07	0.141954	0.022263643
chr1	66000001	66100000	911	756	66050000	0.196693	0.00273985
chr1	66250001	66350000	1003	855	66300000	0.157954	0.012736198
chr1	66450001	66550000	1020	882	66500000	0.137347	0.025934777
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chr1	67400001	67500000	1029	865	67450000	0.178099	0.005918271
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chr1	68000001	68100000	1033	1084	68050000	-0.1419	0.022045474
chr1	68600001	68700000	1096	946	68650000	0.139964	0.023791515
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chr1	69800001	69900000	949	827	69850000	0.126149	0.037017141
chr1	70050001	70150000	1041	885	70100000	0.161849	0.011042567
chr1	70250001	70350000	949	827	70300000	0.126149	0.037017141
chr1	70300001	70400000	829	718	70350000	0.135016	0.027977433
chr1	70350001	70450000	879	681	70400000	0.295837	1.64E-05
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chr1	70700001	70800000	935	804	70750000	0.145399	0.019814785
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chr1	70850001	70950000	903	786	70900000	0.127825	0.035145475
chr1	70950001	71050000	1033	882	7.10E+07	0.155618	0.013856286
chr1	71050001	71150000	828	725	71100000	0.119278	0.045563227
chr1	71100001	71200000	994	849	71150000	0.15511	0.014111098
chr1	71350001	71450000	1045	910	71400000	0.127193	0.035842134
chr1	71750001	71850000	962	812	71800000	0.172185	0.007465906
chr1	71800001	71900000	1025	835	71850000	0.223404	0.000815408
chr1	71850001	71950000	1070	877	71900000	0.21459	0.001233192
chr1	71900001	72000000	1020	838	71950000	0.211175	0.001442315
chr1	71950001	72050000	989	814	7.20E+07	0.20857	0.001623169
chr1	72000001	72100000	1044	867	72050000	0.195646	0.002865872
chr1	72050001	72150000	1077	927	72100000	0.144005	0.020776428
chr1	72150001	72250000	1014	883	72200000	0.127201	0.03583345
chr1	72200001	72300000	1034	902	72250000	0.124665	0.038741914
chr1	72300001	72400000	974	843	72350000	0.136017	0.027084197
chr1	72600001	72700000	1010	875	72650000	0.134629	0.02833016
chr1	72650001	72750000	1027	888	72700000	0.137433	0.025861848
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chr1	73050001	73150000	1045	894	73100000	0.152784	0.015328744
chr1	73250001	73350000	963	841	73300000	0.123058	0.04068311
chr1	73300001	73400000	975	821	73350000	0.175648	0.006521217
chr1	73350001	73450000	903	783	73400000	0.133342	0.029526919
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chr1	73450001	73550000	944	787	73500000	0.190051	0.003632496
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chr1	74100001	74200000	1034	906	74150000	0.118281	0.04692553

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chr1	74350001	74450000	1073	874	74400000	0.223573	0.000808855
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chr1	74500001	74600000	982	781	74550000	0.258029	0.000140867
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chr1	75350001	75450000	915	775	75400000	0.167204	0.009036846
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chr1	75800001	75900000	797	871	75850000	-0.20046	0.002256001
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chr1	76500001	76600000	961	994	76550000	-0.12108	0.042849994
chr1	77750001	77850000	1044	884	77800000	0.167632	0.0088913
chr1	77800001	77900000	1041	897	77850000	0.142418	0.0219192
chr1	78150001	78250000	922	807	78200000	0.119826	0.044827398
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chr1	79000001	79100000	1034	861	79050000	0.191779	0.003378035
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chr1	79800001	79900000	1051	895	79850000	0.159431	0.012068829
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chr1	80250001	80350000	1050	917	80300000	0.123024	0.040725406
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chr1	85100001	85200000	993	1024	85150000	-0.11672	0.048783383
chr1	85700001	85800000	1014	1050	85750000	-0.1227	0.040797052
chr1	85800001	85900000	1038	904	85850000	0.12704	0.036012128
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chr1	86500001	86600000	959	798	86550000	0.19277	0.003239448
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chr1	88400001	88500000	1159	975	88450000	0.177035	0.006173769
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chr1	89200001	89300000	998	832	89250000	0.190085	0.003627469
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chr1	91650001	91750000	838	717	91700000	0.152605	0.015426176
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chr1	92400001	92500000	907	746	92450000	0.209555	0.001552471
chr1	92450001	92550000	940	808	92500000	0.145934	0.019456149
chr1	92500001	92600000	973	846	92550000	0.12941	0.033447248
chr1	92550001	92650000	1030	896	92600000	0.128702	0.034197505
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chr1	94400001	94500000	1050	1091	94450000	-0.12763	0.03504436
chr1	94600001	94700000	963	836	94650000	0.131661	0.031153427
chr1	94800001	94900000	879	914	94850000	-0.1287	0.033889151
chr1	95250001	95350000	1051	1085	95300000	-0.1183	0.04655791
chr1	96350001	96450000	1071	918	96400000	0.150021	0.016892961
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chr1	97200001	97300000	1024	879	97250000	0.147909	0.01817871
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chr1	98200001	98300000	1053	920	98250000	0.122428	0.041465914
chr1	98700001	98800000	960	842	98750000	0.116842	0.048950421
chr1	99450001	99550000	1017	881	99500000	0.134734	0.028233963
chr1	99600001	99700000	1007	835	99650000	0.197844	0.002607147
chr1	99650001	99750000	1025	890	99700000	0.131375	0.031437644
chr1	1E+08	1E+08	1051	906	100100000	0.141808	0.022372804
chr1	1E+08	1E+08	1050	920	100150000	0.118312	0.046883588
chr1	1E+08	1E+08	1016	824	100350000	0.229812	0.000598493
chr1	1E+08	1E+08	982	772	100400000	0.27475	5.60E-05
chr1	1E+08	1.01E+08	877	760	100450000	0.134206	0.028718995
chr1	1.01E+08	1.01E+08	893	763	100700000	0.154605	0.014367788
chr1	1.01E+08	1.01E+08	948	828	100750000	0.122885	0.040897625
chr1	1.01E+08	1.01E+08	883	746	101150000	0.170866	0.007856506
chr1	1.01E+08	1.01E+08	1029	861	101200000	0.184786	0.004517809
chr1	1.02E+08	1.02E+08	1027	892	101950000	0.130949	0.031864797
chr1	1.03E+08	1.03E+08	964	845	102550000	0.11771	0.047721359
chr1	1.03E+08	1.03E+08	957	801	102600000	0.184345	0.004600116
chr1	1.03E+08	1.03E+08	1024	882	102700000	0.142993	0.021499116
chr1	1.03E+08	1.03E+08	952	835	102750000	0.116814	0.048991645
chr1	1.03E+08	1.03E+08	981	792	102850000	0.236381	0.000432678
chr1	1.03E+08	1.03E+08	895	722	102900000	0.237517	0.000408756
chr1	1.03E+08	1.03E+08	880	742	102950000	0.173713	0.007035303
chr1	1.03E+08	1.03E+08	995	826	1.03E+08	0.196183	0.002800604
chr1	1.03E+08	1.03E+08	1012	860	103050000	0.162429	0.010807994
chr1	1.03E+08	1.03E+08	982	815	103200000	0.196551	0.002756625
chr1	1.03E+08	1.03E+08	845	735	103250000	0.128835	0.034055189
chr1	1.03E+08	1.03E+08	904	761	103300000	0.176055	0.006417636
chr1	1.03E+08	1.03E+08	975	798	103350000	0.216642	0.001121349
chr1	1.03E+08	1.03E+08	1003	836	103400000	0.190375	0.003583573
chr1	1.03E+08	1.04E+08	1030	876	103450000	0.16127	0.01128121
chr1	1.03E+08	1.04E+08	937	810	103500000	0.137755	0.025589889
chr1	1.04E+08	1.04E+08	975	804	103550000	0.205835	0.001835139
chr1	1.04E+08	1.04E+08	979	817	103600000	0.188601	0.003859295
chr1	1.04E+08	1.04E+08	814	692	103750000	0.161885	0.01102786
chr1	1.04E+08	1.04E+08	356	310	103800000	0.127237	0.035792689
chr1	1.04E+08	1.04E+08	69	47	103900000	0.481564	1.39E-11
chr1	1.04E+08	1.04E+08	69	47	103950000	0.481564	1.39E-11
chr1	1.04E+08	1.04E+08	466	388	1.04E+08	0.191902	0.003360654
chr1	1.04E+08	1.04E+08	2	1	104250000	0.927628	7.06E-34
chr1	1.04E+08	1.04E+08	416	433	104300000	-0.13016	0.03237032
chr1	1.05E+08	1.05E+08	1015	874	104550000	0.143403	0.021204193

chr1	1.05E+08	1.05E+08	1008	829	104600000	0.20968	0.001543726
chr1	1.05E+08	1.05E+08	993	823	104650000	0.19853	0.00253087
chr1	1.05E+08	1.05E+08	1023	875	104700000	0.153079	0.015169391
chr1	1.05E+08	1.05E+08	899	748	105200000	0.192911	0.003220183
chr1	1.05E+08	1.05E+08	866	752	105350000	0.131263	0.031549763
chr1	1.05E+08	1.05E+08	857	716	105400000	0.186964	0.004130524
chr1	1.06E+08	1.06E+08	1049	860	105550000	0.214234	0.00125361
chr1	1.06E+08	1.06E+08	1023	841	105600000	0.210257	0.00150386
chr1	1.06E+08	1.06E+08	963	803	105650000	0.189764	0.00367646
chr1	1.06E+08	1.06E+08	936	789	105700000	0.174111	0.006926518
chr1	1.06E+08	1.06E+08	937	786	105750000	0.181148	0.005237799
chr1	1.06E+08	1.06E+08	928	770	105800000	0.196895	0.002716176
chr1	1.06E+08	1.06E+08	964	818	105850000	0.164561	0.009982917
chr1	1.06E+08	1.06E+08	1055	879	105900000	0.190936	0.003500123
chr1	1.06E+08	1.06E+08	1038	891	105950000	0.147937	0.018160839
chr1	1.06E+08	1.06E+08	927	779	106100000	0.178574	0.005807316
chr1	1.06E+08	1.06E+08	965	747	106150000	0.297049	1.52E-05
chr1	1.06E+08	1.06E+08	994	855	106200000	0.144495	0.020120627
chr1	1.06E+08	1.06E+08	994	813	106250000	0.217619	0.001071429
chr1	1.06E+08	1.06E+08	1005	800	106300000	0.256752	0.000150846
chr1	1.06E+08	1.06E+08	940	786	106400000	0.18576	0.004340816
chr1	1.06E+08	1.07E+08	906	770	106450000	0.162281	0.01086748
chr1	1.06E+08	1.07E+08	947	823	106500000	0.1301	0.032729798
chr1	1.07E+08	1.07E+08	1020	832	106800000	0.221542	0.000890884
chr1	1.07E+08	1.07E+08	943	809	106850000	0.148746	0.017659164
chr1	1.07E+08	1.07E+08	937	821	106900000	0.118295	0.046906726
chr1	1.07E+08	1.07E+08	1046	892	106950000	0.157395	0.01299642
chr1	1.07E+08	1.07E+08	955	837	107100000	0.117901	0.047453727
chr1	1.08E+08	1.08E+08	990	833	107600000	0.17674	0.006246142
chr1	1.08E+08	1.08E+08	980	845	107650000	0.141459	0.022635911
chr1	1.08E+08	1.08E+08	1053	900	108400000	0.154137	0.014609966
chr1	1.08E+08	1.09E+08	1084	941	108450000	0.131726	0.031088903
chr1	1.09E+08	1.09E+08	65	75	108800000	-0.27882	4.11E-05
chr1	1.09E+08	1.09E+08	33	26	108950000	0.271583	6.70E-05
chr1	1.09E+08	1.09E+08	979	836	109350000	0.155434	0.013947933
chr1	1.1E+08	1.1E+08	815	714	109550000	0.118504	0.046618206
chr1	1.1E+08	1.1E+08	787	666	109600000	0.16847	0.008612283
chr1	1.1E+08	1.1E+08	1005	1057	110050000	-0.14515	0.01973379
chr1	1.1E+08	1.1E+08	961	994	110100000	-0.12108	0.042849994
chr1	1.1E+08	1.1E+08	727	750	110200000	-0.11731	0.047950658
chr1	1.11E+08	1.11E+08	1151	1196	110650000	-0.1277	0.034970178
chr1	1.11E+08	1.11E+08	1145	1201	110750000	-0.14126	0.02252286
chr1	1.11E+08	1.11E+08	1084	1132	110800000	-0.13488	0.027813482
chr1	1.11E+08	1.11E+08	1039	878	110900000	0.170531	0.007958511
chr1	1.11E+08	1.11E+08	1067	1101	1.11E+08	-0.11763	0.047501421
chr1	1.11E+08	1.11E+08	1129	1176	111100000	-0.13121	0.031298731
chr1	1.11E+08	1.11E+08	1112	1149	111150000	-0.11959	0.044805082

chr1	1.11E+08	1.11E+08	1004	837	111400000	0.190088	0.003626944
chr1	1.11E+08	1.12E+08	1003	858	111450000	0.1529	0.015265998
chr1	1.12E+08	1.12E+08	1149	1197	112400000	-0.13142	0.031097939
chr1	1.12E+08	1.13E+08	1098	1235	112450000	-0.242	0.000309199
chr1	1.12E+08	1.13E+08	1097	1206	112500000	-0.20904	0.001535218
chr1	1.13E+08	1.13E+08	970	1053	112850000	-0.19082	0.003424311
chr1	1.13E+08	1.13E+08	1009	1107	112900000	-0.2061	0.001754229
chr1	1.13E+08	1.13E+08	942	997	112950000	-0.15424	0.014343238
chr1	1.13E+08	1.13E+08	983	849	113100000	0.139055	0.024518221
chr1	1.13E+08	1.13E+08	940	807	113150000	0.14772	0.018297482
chr1	1.13E+08	1.13E+08	959	1031	113250000	-0.17681	0.006094868
chr1	1.13E+08	1.13E+08	877	936	113300000	-0.1663	0.009180849
chr1	1.13E+08	1.14E+08	914	758	113500000	0.197625	0.002631973
chr1	1.14E+08	1.14E+08	816	705	113550000	0.138574	0.024910306
chr1	1.14E+08	1.14E+08	988	865	113850000	0.119439	0.045345976
chr1	1.14E+08	1.14E+08	968	842	113900000	0.128815	0.034076791
chr1	1.14E+08	1.14E+08	996	871	113950000	0.121101	0.043153512
chr1	1.14E+08	1.14E+08	1007	872	114300000	0.135292	0.027729244
chr1	1.14E+08	1.14E+08	1043	845	114350000	0.231344	0.000555257
chr1	1.14E+08	1.15E+08	895	957	114450000	-0.169	0.008279347
chr1	1.14E+08	1.15E+08	965	1023	114500000	-0.15658	0.013181327
chr1	1.15E+08	1.15E+08	962	841	115050000	0.121559	0.042564625
chr1	1.15E+08	1.15E+08	897	769	115150000	0.149753	0.017051703
chr1	1.15E+08	1.15E+08	971	843	115400000	0.131567	0.031246733
chr1	1.15E+08	1.16E+08	956	768	115450000	0.243533	0.000301343
chr1	1.15E+08	1.16E+08	945	784	115500000	0.197089	0.002693526
chr1	1.16E+08	1.16E+08	1053	1097	1.16E+08	-0.13143	0.03108431
chr1	1.16E+08	1.16E+08	817	868	116150000	-0.15973	0.011744251
chr1	1.16E+08	1.16E+08	1065	918	116300000	0.141916	0.022292237
chr1	1.16E+08	1.16E+08	1019	1065	116400000	-0.13607	0.026754331
chr1	1.16E+08	1.17E+08	982	1018	116450000	-0.12431	0.038838283
chr1	1.17E+08	1.17E+08	1083	1117	1.17E+08	-0.11697	0.048432107
chr1	1.17E+08	1.17E+08	961	1042	117050000	-0.18912	0.003679645
chr1	1.17E+08	1.17E+08	453	481	117150000	-0.1589	0.012109986
chr1	1.17E+08	1.17E+08	580	607	117200000	-0.13802	0.025096844
chr1	1.17E+08	1.18E+08	1025	1062	117500000	-0.12353	0.039780256
chr1	1.18E+08	1.18E+08	1094	1138	118150000	-0.12926	0.033300097
chr1	1.18E+08	1.18E+08	1055	1109	118200000	-0.14439	0.02025659
chr1	1.18E+08	1.18E+08	923	959	118250000	-0.12757	0.035111896
chr1	1.18E+08	1.18E+08	842	908	118300000	-0.18124	0.005098089
chr1	1.18E+08	1.18E+08	913	946	118350000	-0.1236	0.039700768
chr1	1.19E+08	1.19E+08	961	798	119150000	0.195776	0.00284996
chr1	1.19E+08	1.19E+08	940	785	119200000	0.187596	0.004023774
chr1	1.2E+08	1.2E+08	820	878	120050000	-0.17097	0.007672849
chr1	1.2E+08	1.2E+08	715	753	120100000	-0.14708	0.018465282
chr1	1.2E+08	1.2E+08	766	841	120150000	-0.20713	0.0016742
chr1	1.2E+08	1.2E+08	926	991	120200000	-0.17024	0.007891554

chr1	1.2E+08	1.2E+08	980	1061	120250000	-0.18694	0.004030996
chr1	1.2E+08	1.2E+08	1065	1121	120300000	-0.1463	0.018966092
chr1	1.2E+08	1.2E+08	815	865	120400000	-0.15827	0.012391166
chr1	1.2E+08	1.21E+08	972	1042	120450000	-0.1727	0.007171881
chr1	1.21E+08	1.21E+08	84	92	120600000	-0.20362	0.001961334
chr1	1.21E+08	1.21E+08	33	23	120700000	0.44846	2.49E-10
chr1	1.21E+08	1.21E+08	7	12	120750000	-0.84998	3.55E-30
chr1	1.21E+08	1.21E+08	13	20	120800000	-0.69386	1.52E-21
chr1	1.21E+08	1.21E+08	11	12	120850000	-0.1979	0.002524585
chr1	1.21E+08	1.21E+08	14	12	120900000	0.150021	0.016892961
chr1	1.42E+08	1.43E+08	823	1086	142500000	-0.47243	2.21E-11
chr1	1.43E+08	1.43E+08	928	1171	142550000	-0.40792	5.40E-09
chr1	1.43E+08	1.43E+08	351	403	142600000	-0.27168	6.19E-05
chr1	1.43E+08	1.43E+08	354	418	142650000	-0.31213	5.39E-06
chr1	1.43E+08	1.43E+08	85	88	142750000	-0.12241	0.041159296
chr1	1.43E+08	1.43E+08	81	84	142850000	-0.12484	0.038217021
chr1	1.43E+08	1.43E+08	40	48	142900000	-0.33541	1.16E-06
chr1	1.43E+08	1.43E+08	39	44	142950000	-0.2464	0.000246073
chr1	1.43E+08	1.43E+08	8	10	1.43E+08	-0.3943	1.58E-08
chr1	1.43E+08	1.43E+08	14	12	143100000	0.150021	0.016892961
chr1	1.43E+08	1.43E+08	40	34	143150000	0.162093	0.01094313
chr1	1.43E+08	1.43E+08	45	36	143200000	0.249556	0.000220671
chr1	1.43E+08	1.43E+08	75	89	143250000	-0.31929	3.39E-06
chr1	1.43E+08	1.43E+08	56	75	143300000	-0.49384	3.10E-12
chr1	1.43E+08	1.43E+08	11	14	143350000	-0.4203	1.98E-09
chr1	1.43E+08	1.43E+08	59	63	143400000	-0.16701	0.008937407
chr1	1.43E+08	1.44E+08	102	110	143450000	-0.18131	0.005085174
chr1	1.44E+08	1.44E+08	4	6	143650000	-0.65733	1.11E-19
chr1	1.44E+08	1.44E+08	9	7	143700000	0.290198	2.29E-05
chr1	1.44E+08	1.44E+08	7	8	143750000	-0.26502	9.01E-05
chr1	1.44E+08	1.44E+08	2	7	143800000	-1.87973	1.93E-94
chr1	1.44E+08	1.44E+08	22	30	143950000	-0.51983	2.59E-13
chr1	1.44E+08	1.44E+08	385	426	1.44E+08	-0.21837	0.000994935
chr1	1.44E+08	1.44E+08	387	428	144050000	-0.21765	0.001029268
chr1	1.44E+08	1.44E+08	15	21	144100000	-0.5578	5.82E-15
chr1	1.44E+08	1.44E+08	0	1	144200000	#NAME?	1.59E-189
chr1	1.44E+08	1.44E+08	0	1	144250000	#NAME?	1.59E-189
chr1	1.44E+08	1.44E+08	3	1	144350000	1.512591	1.57E-69
chr1	1.44E+08	1.45E+08	232	252	144500000	-0.19167	0.003302837
chr1	1.45E+08	1.45E+08	272	305	144550000	-0.23757	0.000387852
chr1	1.45E+08	1.45E+08	51	69	144600000	-0.50847	7.76E-13
chr1	1.45E+08	1.45E+08	26	35	144650000	-0.50122	1.55E-12
chr1	1.45E+08	1.45E+08	18	23	144700000	-0.42601	1.24E-09
chr1	1.45E+08	1.45E+08	1	2	144750000	-1.07237	8.26E-44
chr1	1.45E+08	1.45E+08	33	36	144800000	-0.1979	0.002524585
chr1	1.45E+08	1.45E+08	529	564	144850000	-0.1648	0.009719662
chr1	1.45E+08	1.45E+08	99	103	145200000	-0.12952	0.033032037

chr1	1.46E+08	1.46E+08	846	873	145700000	-0.1177	0.047403738
chr1	1.46E+08	1.46E+08	442	499	145750000	-0.24737	0.000233947
chr1	1.46E+08	1.46E+08	44	55	145800000	-0.3943	1.58E-08
chr1	1.46E+08	1.46E+08	24	31	145850000	-0.44161	3.32E-10
chr1	1.46E+08	1.46E+08	2	8	145950000	-2.07237	5.62E-105
chr1	1.46E+08	1.46E+08	2	11	1.46E+08	-2.5318	1.77E-126
chr1	1.46E+08	1.46E+08	0	3	146050000	#NAME?	1.59E-189
chr1	1.46E+08	1.46E+08	1	3	146200000	-1.65733	2.87E-81
chr1	1.46E+08	1.46E+08	1	3	146250000	-1.65733	2.87E-81
chr1	1.46E+08	1.46E+08	46	40	146300000	0.129262	0.033603145
chr1	1.46E+08	1.46E+08	24	25	146400000	-0.13127	0.031247765
chr1	1.46E+08	1.47E+08	49	64	146450000	-0.45766	8.25E-11
chr1	1.46E+08	1.47E+08	319	333	146500000	-0.13434	0.028308622
chr1	1.47E+08	1.47E+08	851	738	146750000	0.133167	0.029693242
chr1	1.47E+08	1.47E+08	791	685	146800000	0.135202	0.027810096
chr1	1.47E+08	1.47E+08	1070	920	1.47E+08	0.145533	0.019724254
chr1	1.47E+08	1.47E+08	488	508	147400000	-0.13032	0.032202574
chr1	1.47E+08	1.48E+08	19	16	147450000	0.175556	0.006544999
chr1	1.48E+08	1.48E+08	476	498	147800000	-0.13756	0.025480536
chr1	1.48E+08	1.48E+08	215	255	147850000	-0.31853	3.56E-06
chr1	1.48E+08	1.48E+08	3	4	147900000	-0.48741	5.63E-12
chr1	1.48E+08	1.48E+08	4	6	147950000	-0.65733	1.11E-19
chr1	1.48E+08	1.48E+08	13	8	1.48E+08	0.628068	6.65E-18
chr1	1.48E+08	1.48E+08	11	4	148050000	1.38706	6.82E-62
chr1	1.48E+08	1.48E+08	17	18	148200000	-0.15483	0.014039201
chr1	1.48E+08	1.48E+08	8	12	148250000	-0.65733	1.11E-19
chr1	1.48E+08	1.48E+08	2	6	148300000	-1.65733	2.87E-81
chr1	1.48E+08	1.48E+08	7	9	148350000	-0.43494	5.85E-10
chr1	1.49E+08	1.49E+08	14	17	148650000	-0.35248	3.55E-07
chr1	1.49E+08	1.49E+08	8	14	148700000	-0.87973	6.33E-32
chr1	1.49E+08	1.49E+08	3	2	148750000	0.512591	8.10E-13
chr1	1.49E+08	1.49E+08	22	31	148800000	-0.56714	2.22E-15
chr1	1.49E+08	1.49E+08	93	116	148850000	-0.39119	2.01E-08
chr1	1.49E+08	1.49E+08	138	164	148900000	-0.3214	2.96E-06
chr1	1.49E+08	1.49E+08	67	87	148950000	-0.44923	1.72E-10
chr1	1.49E+08	1.49E+08	504	440	149050000	0.123548	0.040082672
chr1	1.49E+08	1.49E+08	452	474	149250000	-0.14094	0.02276962
chr1	1.49E+08	1.49E+08	82	96	149300000	-0.29978	1.17E-05
chr1	1.49E+08	1.49E+08	49	65	149350000	-0.48003	1.11E-11
chr1	1.49E+08	1.49E+08	21	25	149400000	-0.32391	2.51E-06
chr1	1.5E+08	1.5E+08	9	4	149550000	1.097553	4.83E-44
chr1	1.5E+08	1.5E+08	10	6	149600000	0.664594	1.17E-19
chr1	1.5E+08	1.5E+08	34	36	149650000	-0.15483	0.014039201
chr1	1.5E+08	1.5E+08	979	852	1.50E+08	0.128084	0.034863565
chr1	1.5E+08	1.5E+08	960	815	150050000	0.163863	0.010246788
chr1	1.5E+08	1.5E+08	829	903	150250000	-0.19573	0.002775223
chr1	1.5E+08	1.5E+08	857	750	150400000	0.120033	0.044552734

chr1	1.5E+08	1.51E+08	913	758	150450000	0.196045	0.002817217
chr1	1.51E+08	1.51E+08	782	817	150550000	-0.13554	0.027223434
chr1	1.51E+08	1.51E+08	889	769	150800000	0.136828	0.026378329
chr1	1.51E+08	1.51E+08	956	831	151150000	0.12979	0.033050456
chr1	1.51E+08	1.51E+08	820	717	151200000	0.121279	0.042924198
chr1	1.51E+08	1.51E+08	966	836	151250000	0.136148	0.026968981
chr1	1.51E+08	1.51E+08	864	902	151350000	-0.13447	0.028189177
chr1	1.51E+08	1.51E+08	853	896	151400000	-0.14332	0.021004297
chr1	1.51E+08	1.52E+08	829	869	151450000	-0.14036	0.023216848
chr1	1.52E+08	1.52E+08	956	995	151950000	-0.13006	0.032470571
chr1	1.52E+08	1.53E+08	910	990	152450000	-0.19393	0.002998184
chr1	1.53E+08	1.53E+08	1021	889	1.53E+08	0.127356	0.035661377
chr1	1.53E+08	1.53E+08	936	1052	153300000	-0.24093	0.000326847
chr1	1.53E+08	1.53E+08	871	1037	153350000	-0.32404	2.48E-06
chr1	1.54E+08	1.54E+08	934	987	153550000	-0.152	0.015537279
chr1	1.54E+08	1.54E+08	835	878	153650000	-0.14482	0.019961835
chr1	1.54E+08	1.54E+08	856	945	153700000	-0.21508	0.001161532
chr1	1.54E+08	1.54E+08	832	717	154100000	0.142239	0.02205196
chr1	1.54E+08	1.54E+08	739	766	154300000	-0.12414	0.03904441
chr1	1.54E+08	1.54E+08	862	898	154350000	-0.1314	0.031114595
chr1	1.54E+08	1.55E+08	982	1061	154500000	-0.184	0.004553725
chr1	1.55E+08	1.55E+08	1022	1056	154550000	-0.11959	0.044814947
chr1	1.55E+08	1.55E+08	1142	1178	154750000	-0.11715	0.048174866
chr1	1.55E+08	1.55E+08	1133	1217	154800000	-0.17555	0.006408396
chr1	1.55E+08	1.55E+08	1068	1143	154850000	-0.17029	0.007879059
chr1	1.55E+08	1.55E+08	973	1095	154900000	-0.24279	0.000296903
chr1	1.55E+08	1.55E+08	908	1113	154950000	-0.36606	1.33E-07
chr1	1.55E+08	1.55E+08	953	1093	1.55E+08	-0.27012	6.77E-05
chr1	1.55E+08	1.55E+08	994	1113	155050000	-0.23551	0.000430588
chr1	1.55E+08	1.55E+08	898	995	155100000	-0.22035	0.00090535
chr1	1.55E+08	1.55E+08	875	929	155150000	-0.15877	0.012168057
chr1	1.55E+08	1.55E+08	823	701	155350000	0.159106	0.012212972
chr1	1.56E+08	1.56E+08	644	666	155650000	-0.12083	0.043170996
chr1	1.56E+08	1.56E+08	588	650	155700000	-0.217	0.00106148
chr1	1.56E+08	1.56E+08	927	980	156050000	-0.15258	0.015217383
chr1	1.56E+08	1.56E+08	943	998	156100000	-0.15415	0.01438677
chr1	1.56E+08	1.56E+08	1182	1270	156150000	-0.17597	0.006303071
chr1	1.56E+08	1.56E+08	1242	1312	156200000	-0.15147	0.01582933
chr1	1.56E+08	1.56E+08	981	1051	156350000	-0.17181	0.007425703
chr1	1.56E+08	1.56E+08	1054	1098	156400000	-0.13137	0.031138818
chr1	1.56E+08	1.57E+08	1041	1076	156500000	-0.12008	0.044158505
chr1	1.57E+08	1.57E+08	1055	1115	156600000	-0.15217	0.015441963
chr1	1.57E+08	1.57E+08	1064	1130	156650000	-0.1592	0.011977701
chr1	1.57E+08	1.57E+08	898	975	156750000	-0.19106	0.003389906
chr1	1.57E+08	1.57E+08	1019	1154	156800000	-0.25186	0.000184426
chr1	1.57E+08	1.57E+08	1093	1295	156850000	-0.31703	3.93E-06
chr1	1.57E+08	1.57E+08	1120	1206	156900000	-0.1791	0.00555999

chr1	1.57E+08	1.57E+08	991	1028	157150000	-0.12526	0.037730475
chr1	1.58E+08	1.58E+08	1013	885	157550000	0.122513	0.041359464
chr1	1.58E+08	1.58E+08	1028	895	157700000	0.127509	0.035492295
chr1	1.58E+08	1.58E+08	987	1021	157900000	-0.12123	0.042654854
chr1	1.58E+08	1.58E+08	1098	1167	158050000	-0.1603	0.011500641
chr1	1.58E+08	1.58E+08	1030	1112	158100000	-0.18288	0.004767675
chr1	1.58E+08	1.58E+08	868	909	158150000	-0.13896	0.024325625
chr1	1.58E+08	1.58E+08	728	751	158200000	-0.11725	0.048036613
chr1	1.59E+08	1.59E+08	1078	932	158700000	0.137584	0.025734465
chr1	1.59E+08	1.59E+08	1046	1116	159150000	-0.16583	0.00934898
chr1	1.59E+08	1.59E+08	1016	1048	159200000	-0.11711	0.048229612
chr1	1.59E+08	1.59E+08	952	816	159300000	0.150021	0.016892961
chr1	1.59E+08	1.59E+08	966	814	159350000	0.174623	0.006789294
chr1	1.59E+08	1.59E+08	978	832	159400000	0.160879	0.011444701
chr1	1.6E+08	1.6E+08	1146	1211	160050000	-0.15196	0.015556998
chr1	1.6E+08	1.6E+08	1157	1232	160100000	-0.16299	0.010406122
chr1	1.61E+08	1.61E+08	830	858	1.61E+08	-0.12024	0.043949534
chr1	1.61E+08	1.61E+08	828	858	161250000	-0.12372	0.039553521
chr1	1.61E+08	1.61E+08	481	496	161400000	-0.11667	0.048850577
chr1	1.62E+08	1.62E+08	1096	1153	161950000	-0.14552	0.019488054
chr1	1.62E+08	1.62E+08	1062	1197	1.62E+08	-0.24501	0.000264595
chr1	1.62E+08	1.62E+08	1081	928	162100000	0.147798	0.018248441
chr1	1.63E+08	1.63E+08	640	674	162800000	-0.14705	0.018484446
chr1	1.64E+08	1.64E+08	986	865	163700000	0.116516	0.049419683
chr1	1.64E+08	1.64E+08	1051	887	163750000	0.172385	0.007408365
chr1	1.64E+08	1.64E+08	1075	943	163850000	0.116635	0.049247642
chr1	1.64E+08	1.64E+08	1140	956	163900000	0.18158	0.005147344
chr1	1.65E+08	1.65E+08	1069	936	164600000	0.11931	0.045520495
chr1	1.65E+08	1.65E+08	1140	1000	164650000	0.116662	0.049209057
chr1	1.65E+08	1.65E+08	1073	1132	165300000	-0.1496	0.016913408
chr1	1.65E+08	1.65E+08	1077	1144	165350000	-0.15944	0.011870525
chr1	1.66E+08	1.66E+08	974	1004	166050000	-0.11614	0.049626725
chr1	1.66E+08	1.66E+08	992	853	166150000	0.145423	0.019798892
chr1	1.66E+08	1.66E+08	907	768	166400000	0.167624	0.00889373
chr1	1.66E+08	1.67E+08	971	811	166450000	0.187398	0.004057044
chr1	1.67E+08	1.67E+08	1038	876	167150000	0.172432	0.007394862
chr1	1.67E+08	1.67E+08	1073	912	167350000	0.162173	0.010911137
chr1	1.67E+08	1.68E+08	1052	1101	167450000	-0.13805	0.025066863
chr1	1.68E+08	1.68E+08	960	1000	167550000	-0.13127	0.031247765
chr1	1.68E+08	1.68E+08	858	888	167850000	-0.12195	0.041735557
chr1	1.68E+08	1.68E+08	925	799	168150000	0.138886	0.024655393
chr1	1.68E+08	1.68E+08	926	973	168350000	-0.1438	0.020667725
chr1	1.68E+08	1.68E+08	1031	1065	168400000	-0.11918	0.045360407
chr1	1.69E+08	1.69E+08	892	930	168950000	-0.13256	0.029980939
chr1	1.69E+08	1.69E+08	935	965	1.69E+08	-0.11793	0.047070574
chr1	1.69E+08	1.69E+08	734	624	169250000	0.161862	0.011037129
chr1	1.69E+08	1.69E+08	1019	884	169300000	0.132664	0.030174197

chr1	1.7E+08	1.7E+08	1033	1079	169550000	-0.13523	0.027502552
chr1	1.7E+08	1.7E+08	1040	911	169900000	0.118689	0.046364775
chr1	1.7E+08	1.7E+08	1014	888	169950000	0.119054	0.045866222
chr1	1.7E+08	1.7E+08	927	805	1.70E+08	0.131209	0.031603598
chr1	1.7E+08	1.7E+08	925	792	170100000	0.151581	0.015993717
chr1	1.7E+08	1.7E+08	905	782	170400000	0.138377	0.025072177
chr1	1.72E+08	1.72E+08	911	799	171550000	0.116884	0.048891235
chr1	1.72E+08	1.72E+08	1072	912	171950000	0.160827	0.011466519
chr1	1.72E+08	1.72E+08	1099	955	172100000	0.130247	0.032578829
chr1	1.72E+08	1.72E+08	1055	924	172150000	0.118906	0.04606734
chr1	1.73E+08	1.73E+08	1103	954	172900000	0.137	0.026230741
chr1	1.73E+08	1.73E+08	996	841	172950000	0.171668	0.007616938
chr1	1.73E+08	1.73E+08	895	768	1.73E+08	0.14841	0.017866505
chr1	1.73E+08	1.73E+08	970	850	173050000	0.11815	0.047107474
chr1	1.74E+08	1.74E+08	902	783	173900000	0.131743	0.031072119
chr1	1.74E+08	1.75E+08	996	856	174450000	0.146163	0.019303908
chr1	1.74E+08	1.75E+08	931	807	174500000	0.133841	0.029058062
chr1	1.75E+08	1.75E+08	779	637	174550000	0.217958	0.00105457
chr1	1.75E+08	1.75E+08	688	573	174600000	0.191502	0.003417805
chr1	1.75E+08	1.75E+08	805	846	174800000	-0.14404	0.020498395
chr1	1.75E+08	1.75E+08	977	1046	175100000	-0.17082	0.007716101
chr1	1.76E+08	1.76E+08	1138	1236	175650000	-0.19155	0.003319849
chr1	1.76E+08	1.76E+08	1124	1159	175700000	-0.11661	0.048943456
chr1	1.77E+08	1.77E+08	1137	981	176550000	0.140535	0.023343919
chr1	1.77E+08	1.77E+08	1081	903	176600000	0.187197	0.004090904
chr1	1.77E+08	1.77E+08	1043	914	176650000	0.118101	0.047175255
chr1	1.77E+08	1.77E+08	1066	902	176700000	0.168636	0.008557728
chr1	1.77E+08	1.77E+08	1095	1134	176800000	-0.12286	0.040601336
chr1	1.77E+08	1.77E+08	1096	1187	176850000	-0.18744	0.00394751
chr1	1.77E+08	1.77E+08	1097	1149	176900000	-0.13919	0.024140295
chr1	1.77E+08	1.77E+08	1109	1192	176950000	-0.1765	0.006172355
chr1	1.77E+08	1.77E+08	1080	1127	1.77E+08	-0.13383	0.028779535
chr1	1.77E+08	1.77E+08	1004	1063	177150000	-0.15475	0.014079619
chr1	1.78E+08	1.78E+08	1077	1124	177900000	-0.134	0.028623944
chr1	1.78E+08	1.78E+08	929	999	177950000	-0.17718	0.006006775
chr1	1.78E+08	1.78E+08	1003	862	178050000	0.14619	0.019286138
chr1	1.78E+08	1.78E+08	980	821	178100000	0.183028	0.004853907
chr1	1.78E+08	1.78E+08	1004	855	178150000	0.159391	0.012086545
chr1	1.78E+08	1.78E+08	992	860	178350000	0.133632	0.02925378
chr1	1.79E+08	1.79E+08	978	829	178800000	0.166091	0.0094252
chr1	1.79E+08	1.79E+08	820	705	179350000	0.145629	0.019659947
chr1	1.79E+08	1.79E+08	747	635	179400000	0.16198	0.010989226
chr1	1.8E+08	1.8E+08	966	847	1.80E+08	0.117289	0.048314014
chr1	1.81E+08	1.81E+08	939	797	180650000	0.164174	0.010128433
chr1	1.81E+08	1.81E+08	892	782	180700000	0.117503	0.048011893
chr1	1.81E+08	1.81E+08	962	830	180750000	0.140554	0.02332967
chr1	1.81E+08	1.81E+08	959	804	180800000	0.181964	0.005068031

chr1	1.82E+08	1.82E+08	959	1042	182050000	-0.19212	0.003239621
chr1	1.82E+08	1.82E+08	938	969	182300000	-0.11928	0.045225889
chr1	1.84E+08	1.84E+08	969	1001	184050000	-0.11925	0.045273559
chr1	1.85E+08	1.85E+08	877	727	185200000	0.19825	0.002561748
chr1	1.85E+08	1.85E+08	974	832	185250000	0.154966	0.014183524
chr1	1.85E+08	1.85E+08	973	841	185350000	0.137962	0.025416733
chr1	1.86E+08	1.86E+08	831	890	185600000	-0.17133	0.007566179
chr1	1.86E+08	1.86E+08	967	805	185900000	0.192155	0.003324828
chr1	1.86E+08	1.86E+08	990	826	186200000	0.188915	0.003809149
chr1	1.86E+08	1.86E+08	990	847	186250000	0.152695	0.015377453
chr1	1.86E+08	1.86E+08	1029	887	186350000	0.141865	0.022329923
chr1	1.86E+08	1.86E+08	1046	877	186400000	0.181862	0.005088828
chr1	1.87E+08	1.87E+08	950	826	186600000	0.129414	0.033443481
chr1	1.87E+08	1.87E+08	943	766	186650000	0.227542	0.000668357
chr1	1.87E+08	1.87E+08	1017	877	186700000	0.141299	0.022756901
chr1	1.87E+08	1.87E+08	1026	838	186900000	0.219637	0.00097473
chr1	1.87E+08	1.87E+08	1002	859	187250000	0.149781	0.01703501
chr1	1.87E+08	1.87E+08	932	812	187300000	0.126478	0.036642867
chr1	1.87E+08	1.87E+08	974	813	187350000	0.188295	0.003908798
chr1	1.87E+08	1.87E+08	1080	901	187400000	0.189061	0.0037861
chr1	1.88E+08	1.88E+08	1004	855	187650000	0.159391	0.012086545
chr1	1.88E+08	1.88E+08	939	802	187700000	0.155151	0.014090085
chr1	1.88E+08	1.88E+08	851	742	187750000	0.125368	0.037916671
chr1	1.88E+08	1.88E+08	878	769	187800000	0.118866	0.04612311
chr1	1.88E+08	1.88E+08	1001	862	188150000	0.14331	0.021270415
chr1	1.88E+08	1.88E+08	925	780	188200000	0.173607	0.007064216
chr1	1.88E+08	1.88E+08	1034	889	188350000	0.145609	0.019673242
chr1	1.88E+08	1.88E+08	1055	892	188400000	0.169756	0.008199119
chr1	1.88E+08	1.89E+08	990	861	188500000	0.129044	0.03383404
chr1	1.89E+08	1.89E+08	990	850	188600000	0.147594	0.01837747
chr1	1.89E+08	1.89E+08	906	751	188750000	0.198326	0.002553254
chr1	1.89E+08	1.89E+08	954	738	188800000	0.297997	1.44E-05
chr1	1.89E+08	1.89E+08	1019	793	188850000	0.28939	2.40E-05
chr1	1.89E+08	1.89E+08	1016	874	188900000	0.144823	0.020207236
chr1	1.89E+08	1.89E+08	980	842	188950000	0.14659	0.019023614
chr1	1.89E+08	1.89E+08	975	806	1.89E+08	0.202251	0.002151139
chr1	1.89E+08	1.89E+08	972	822	189050000	0.169446	0.008296919
chr1	1.89E+08	1.89E+08	964	810	189100000	0.178739	0.005769163
chr1	1.89E+08	1.89E+08	934	775	189150000	0.196854	0.002720874
chr1	1.89E+08	1.89E+08	963	797	189200000	0.200584	0.002314268
chr1	1.89E+08	1.89E+08	945	820	189250000	0.132319	0.030508465
chr1	1.9E+08	1.9E+08	1022	865	189550000	0.168251	0.008684213
chr1	1.9E+08	1.9E+08	971	812	189750000	0.18562	0.004365856
chr1	1.9E+08	1.9E+08	1021	871	189800000	0.156866	0.013247341
chr1	1.9E+08	1.9E+08	1036	892	189850000	0.143537	0.021108519
chr1	1.9E+08	1.9E+08	1056	905	189900000	0.150248	0.016759095
chr1	1.9E+08	1.9E+08	1090	882	190150000	0.233106	0.000509123

chr1	1.9E+08	1.9E+08	978	805	190200000	0.208474	0.001630217
chr1	1.9E+08	1.9E+08	926	809	190250000	0.122501	0.041374857
chr1	1.9E+08	1.9E+08	1010	874	190300000	0.136278	0.026855263
chr1	1.9E+08	1.9E+08	1031	865	190350000	0.180901	0.005290301
chr1	1.9E+08	1.91E+08	1037	907	190500000	0.12087	0.043453738
chr1	1.91E+08	1.91E+08	987	827	190600000	0.182791	0.004900834
chr1	1.91E+08	1.91E+08	1025	851	190650000	0.196021	0.002820138
chr1	1.91E+08	1.91E+08	995	835	190700000	0.180549	0.005365789
chr1	1.91E+08	1.91E+08	998	872	190750000	0.12234	0.041576156
chr1	1.91E+08	1.91E+08	982	844	190950000	0.146108	0.01934025
chr1	1.91E+08	1.91E+08	922	774	1.91E+08	0.180061	0.005471855
chr1	1.91E+08	1.91E+08	946	803	191050000	0.164068	0.010168337
chr1	1.91E+08	1.91E+08	1042	906	191100000	0.129401	0.033457553
chr1	1.91E+08	1.91E+08	977	850	191200000	0.128524	0.034388156
chr1	1.91E+08	1.91E+08	1028	871	191250000	0.166724	0.009202489
chr1	1.91E+08	1.91E+08	1031	902	191300000	0.120473	0.043971613
chr1	1.91E+08	1.91E+08	1012	882	191350000	0.125987	0.037202352
chr1	1.91E+08	1.91E+08	979	854	191400000	0.124701	0.038699374
chr1	1.91E+08	1.92E+08	1034	891	191500000	0.142367	0.021957038
chr1	1.92E+08	1.92E+08	1039	886	191550000	0.157445	0.012973005
chr1	1.92E+08	1.92E+08	1096	916	191900000	0.186457	0.00421798
chr1	1.92E+08	1.92E+08	1054	858	191950000	0.224454	0.000775515
chr1	1.92E+08	1.92E+08	1003	878	192150000	0.119657	0.04505359
chr1	1.92E+08	1.92E+08	1032	898	192250000	0.128284	0.034646739
chr1	1.92E+08	1.92E+08	1095	917	192300000	0.183565	0.004748826
chr1	1.93E+08	1.93E+08	991	868	192600000	0.118818	0.046187711
chr1	1.94E+08	1.94E+08	1074	939	193600000	0.121425	0.042736424
chr1	1.94E+08	1.94E+08	962	810	193850000	0.175743	0.00649687
chr1	1.94E+08	1.94E+08	963	810	194400000	0.177242	0.006123222
chr1	1.94E+08	1.95E+08	994	848	194450000	0.15681	0.013274462
chr1	1.95E+08	1.95E+08	924	802	194550000	0.131919	0.030899271
chr1	1.95E+08	1.95E+08	970	793	194600000	0.218292	0.001038223
chr1	1.95E+08	1.95E+08	993	821	194650000	0.20204	0.002171189
chr1	1.95E+08	1.95E+08	990	838	194700000	0.168107	0.008732241
chr1	1.95E+08	1.95E+08	994	855	194750000	0.14495	0.020120627
chr1	1.95E+08	1.95E+08	967	817	194850000	0.170808	0.007874083
chr1	1.95E+08	1.95E+08	1010	828	194900000	0.214281	0.001250925
chr1	1.95E+08	1.95E+08	944	766	195100000	0.229071	0.000620531
chr1	1.95E+08	1.95E+08	998	793	195150000	0.259347	0.000131217
chr1	1.95E+08	1.95E+08	1047	854	195200000	0.221582	0.000889207
chr1	1.95E+08	1.95E+08	1005	873	195250000	0.13077	0.032045288
chr1	1.95E+08	1.95E+08	1043	895	195300000	0.148408	0.01786762
chr1	1.95E+08	1.95E+08	1036	899	195350000	0.132259	0.030566303
chr1	1.95E+08	1.95E+08	1009	857	195400000	0.163187	0.010507875
chr1	1.95E+08	1.96E+08	996	861	195500000	0.137761	0.025585386
chr1	1.96E+08	1.96E+08	980	815	195550000	0.19361	0.003126073
chr1	1.96E+08	1.96E+08	984	834	195600000	0.166239	0.009372531

chr1	1.96E+08	1.96E+08	1013	814	195650000	0.243162	0.000307116
chr1	1.96E+08	1.96E+08	1058	833	195700000	0.272579	6.33E-05
chr1	1.96E+08	1.96E+08	1048	836	195750000	0.253692	0.000177526
chr1	1.96E+08	1.96E+08	1020	855	195800000	0.182201	0.005019524
chr1	1.96E+08	1.96E+08	1000	858	195850000	0.148579	0.017762127
chr1	1.96E+08	1.96E+08	1008	876	195900000	0.130121	0.032708295
chr1	1.96E+08	1.96E+08	1040	906	195950000	0.126629	0.036473111
chr1	1.96E+08	1.96E+08	1049	888	1.96E+08	0.168011	0.008763923
chr1	1.96E+08	1.96E+08	1013	860	196050000	0.163854	0.010250129
chr1	1.96E+08	1.96E+08	981	854	196200000	0.127645	0.035342258
chr1	1.96E+08	1.96E+08	1086	936	196250000	0.142072	0.022175707
chr1	1.97E+08	1.97E+08	1060	879	196600000	0.197757	0.002616902
chr1	1.97E+08	1.97E+08	984	819	196650000	0.192423	0.003287407
chr1	1.97E+08	1.97E+08	721	612	196700000	0.164096	0.01015793
chr1	1.97E+08	1.97E+08	930	765	1.97E+08	0.209399	0.001563472
chr1	1.97E+08	1.97E+08	963	817	197050000	0.164828	0.009883406
chr1	1.97E+08	1.97E+08	1002	839	197300000	0.183768	0.004709772
chr1	1.98E+08	1.98E+08	932	813	197550000	0.124703	0.03869723
chr1	1.98E+08	1.98E+08	983	821	197600000	0.187437	0.004050359
chr1	1.98E+08	1.98E+08	966	785	197650000	0.226959	0.000687469
chr1	1.98E+08	1.98E+08	986	848	197700000	0.145152	0.019982705
chr1	1.98E+08	1.98E+08	1022	855	198200000	0.185027	0.0044734
chr1	1.98E+08	1.98E+08	991	854	198250000	0.142277	0.022023412
chr1	1.99E+08	1.99E+08	1029	887	198550000	0.141865	0.022329923
chr1	1.99E+08	1.99E+08	1054	923	198600000	0.119101	0.045803454
chr1	1.99E+08	1.99E+08	1053	904	198750000	0.147739	0.018285689
chr1	1.99E+08	1.99E+08	1044	862	198800000	0.20399	0.001992063
chr1	1.99E+08	1.99E+08	1048	890	198850000	0.16339	0.010429012
chr1	1.99E+08	1.99E+08	998	872	199300000	0.12234	0.041576156
chr1	1.99E+08	1.99E+08	1054	900	199350000	0.155506	0.013911944
chr1	1.99E+08	1.99E+08	1077	903	199400000	0.181849	0.005091658
chr1	2.01E+08	2.01E+08	897	787	200550000	0.116373	0.049626479
chr1	2.01E+08	2.01E+08	1044	1081	200950000	-0.12262	0.040904913
chr1	2.01E+08	2.01E+08	1148	1219	2.01E+08	-0.15895	0.01208792
chr1	2.01E+08	2.01E+08	1030	1136	201150000	-0.21369	0.001239004
chr1	2.01E+08	2.01E+08	930	1025	201200000	-0.21269	0.001297688
chr1	2.01E+08	2.01E+08	987	1060	201250000	-0.17531	0.006469449
chr1	2.01E+08	2.01E+08	1121	1296	201300000	-0.28165	3.48E-05
chr1	2.01E+08	2.01E+08	1128	1218	201350000	-0.18312	0.004722017
chr1	2.01E+08	2.02E+08	1007	1059	201500000	-0.14501	0.019829443
chr1	2.02E+08	2.02E+08	1017	1079	201550000	-0.15775	0.012631371
chr1	2.02E+08	2.02E+08	1057	1126	201600000	-0.1636	0.010167626
chr1	2.02E+08	2.02E+08	1032	1135	201650000	-0.20962	0.001494846
chr1	2.02E+08	2.02E+08	917	981	201900000	-0.1697	0.008058654
chr1	2.02E+08	2.02E+08	841	872	2.02E+08	-0.12459	0.038506143
chr1	2.02E+08	2.02E+08	956	1028	202150000	-0.17713	0.006018394
chr1	2.02E+08	2.02E+08	971	1077	202200000	-0.22185	0.000842929

chr1	2.02E+08	2.02E+08	360	294	202400000	0.219809	0.000966864
chr1	2.02E+08	2.03E+08	377	326	202450000	0.137321	0.025956885
chr1	2.03E+08	2.03E+08	864	920	202600000	-0.16297	0.01041035
chr1	2.03E+08	2.03E+08	971	1036	202650000	-0.16585	0.009339534
chr1	2.03E+08	2.03E+08	1057	1126	2.03E+08	-0.1636	0.010167626
chr1	2.03E+08	2.03E+08	1156	1217	203050000	-0.14656	0.018799834
chr1	2.03E+08	2.03E+08	1110	1166	203100000	-0.14338	0.020964971
chr1	2.03E+08	2.03E+08	1070	1166	203150000	-0.19633	0.002703624
chr1	2.03E+08	2.03E+08	961	1004	203200000	-0.13552	0.027238129
chr1	2.03E+08	2.04E+08	1054	1116	203500000	-0.15483	0.014039201
chr1	2.04E+08	2.04E+08	982	1062	203550000	-0.18536	0.004305076
chr1	2.04E+08	2.04E+08	1131	1181	204100000	-0.13478	0.027903289
chr1	2.04E+08	2.04E+08	1122	1237	204150000	-0.21314	0.001270807
chr1	2.04E+08	2.04E+08	1081	1184	204200000	-0.20367	0.001956254
chr1	2.05E+08	2.05E+08	1001	1069	204550000	-0.16719	0.008875165
chr1	2.05E+08	2.05E+08	1088	1205	204600000	-0.21973	0.000932773
chr1	2.05E+08	2.05E+08	1141	1181	204650000	-0.12208	0.041573899
chr1	2.05E+08	2.05E+08	1121	1196	204950000	-0.1658	0.009357169
chr1	2.05E+08	2.05E+08	977	1023	205250000	-0.13875	0.024495523
chr1	2.05E+08	2.06E+08	1087	1124	205450000	-0.12066	0.043394039
chr1	2.05E+08	2.06E+08	1009	1101	205500000	-0.19826	0.002485455
chr1	2.06E+08	2.06E+08	954	1026	205550000	-0.17734	0.005967631
chr1	2.06E+08	2.06E+08	934	1026	205600000	-0.20791	0.001616337
chr1	2.06E+08	2.06E+08	923	1003	205650000	-0.19229	0.003216695
chr1	2.06E+08	2.06E+08	672	708	205900000	-0.14766	0.018096384
chr1	2.06E+08	2.06E+08	296	317	205950000	-0.17126	0.00758718
chr1	2.06E+08	2.06E+08	3	5	206050000	-0.80934	7.76E-28
chr1	2.06E+08	2.06E+08	12	9	206100000	0.342666	8.12E-07
chr1	2.06E+08	2.06E+08	150	127	206150000	0.167762	0.008847312
chr1	2.06E+08	2.06E+08	699	612	206200000	0.119389	0.045413442
chr1	2.06E+08	2.07E+08	4	5	206450000	-0.3943	1.58E-08
chr1	2.06E+08	2.07E+08	17	25	206500000	-0.62877	2.85E-18
chr1	2.07E+08	2.07E+08	206	178	206550000	0.138395	0.025057402
chr1	2.07E+08	2.07E+08	1110	1145	207100000	-0.11716	0.048159216
chr1	2.08E+08	2.08E+08	419	437	207700000	-0.13305	0.029506532
chr1	2.08E+08	2.08E+08	1126	1209	208200000	-0.17498	0.006555845
chr1	2.08E+08	2.08E+08	1119	1199	208250000	-0.17199	0.007372553
chr1	2.08E+08	2.08E+08	1077	1110	208400000	-0.11591	0.049953237
chr1	2.08E+08	2.09E+08	1072	1131	208450000	-0.14967	0.016871817
chr1	2.09E+08	2.09E+08	1001	1033	208950000	-0.11777	0.047299798
chr1	2.09E+08	2.09E+08	947	1011	209400000	-0.16672	0.009036897
chr1	2.1E+08	2.1E+08	1111	1151	209700000	-0.1234	0.039939507
chr1	2.1E+08	2.1E+08	1006	1062	209900000	-0.15053	0.016369292
chr1	2.1E+08	2.1E+08	1034	1100	209950000	-0.16164	0.010942513
chr1	2.1E+08	2.1E+08	975	851	210150000	0.123871	0.039691157
chr1	2.1E+08	2.1E+08	984	858	210250000	0.125309	0.037985686
chr1	2.1E+08	2.1E+08	1007	848	210300000	0.175556	0.006544999

chr1	2.11E+08	2.11E+08	845	883	211100000	-0.13583	0.026962754
chr1	2.12E+08	2.12E+08	1012	881	212150000	0.127624	0.035366095
chr1	2.13E+08	2.13E+08	890	923	213100000	-0.1249	0.038148987
chr1	2.14E+08	2.14E+08	1074	1107	214150000	-0.11603	0.049778524
chr1	2.14E+08	2.15E+08	986	1078	214500000	-0.20107	0.002196528
chr1	2.15E+08	2.15E+08	1034	1098	214550000	-0.15901	0.012058465
chr1	2.15E+08	2.15E+08	1059	924	214700000	0.124366	0.039097298
chr1	2.15E+08	2.15E+08	892	929	214900000	-0.13101	0.031506523
chr1	2.15E+08	2.15E+08	1008	880	215100000	0.123548	0.040082672
chr1	2.15E+08	2.15E+08	1040	893	215150000	0.14748	0.018450018
chr1	2.16E+08	2.16E+08	946	818	216300000	0.137368	0.025917168
chr1	2.16E+08	2.17E+08	1017	885	216500000	0.128199	0.034738993
chr1	2.17E+08	2.17E+08	916	947	216700000	-0.12039	0.043751584
chr1	2.17E+08	2.17E+08	988	1034	216750000	-0.13803	0.02508886
chr1	2.17E+08	2.17E+08	1134	972	2.17E+08	0.150021	0.016892961
chr1	2.17E+08	2.17E+08	1104	952	217250000	0.141335	0.022729722
chr1	2.17E+08	2.17E+08	1147	978	217300000	0.157587	0.012906473
chr1	2.18E+08	2.18E+08	1059	881	217750000	0.193117	0.003192204
chr1	2.18E+08	2.18E+08	1013	826	217950000	0.222049	0.000869729
chr1	2.18E+08	2.18E+08	1013	837	2.18E+08	0.202963	0.002084657
chr1	2.19E+08	2.19E+08	1030	894	218650000	0.131926	0.030892407
chr1	2.19E+08	2.19E+08	1055	922	219150000	0.122033	0.041963091
chr1	2.19E+08	2.19E+08	995	867	219250000	0.126293	0.036853431
chr1	2.19E+08	2.19E+08	1062	922	219400000	0.131573	0.031240341
chr1	2.2E+08	2.2E+08	986	1052	219850000	-0.16585	0.009341538
chr1	2.2E+08	2.2E+08	883	755	220300000	0.153565	0.014910221
chr1	2.2E+08	2.2E+08	1029	847	220350000	0.208437	0.001632908
chr1	2.2E+08	2.2E+08	984	820	220400000	0.190663	0.003540577
chr1	2.21E+08	2.21E+08	973	1031	221200000	-0.1559	0.013506845
chr1	2.21E+08	2.21E+08	979	1012	221250000	-0.1202	0.043999342
chr1	2.22E+08	2.23E+08	966	1012	222500000	-0.13949	0.023901227
chr1	2.23E+08	2.23E+08	590	510	222700000	0.137846	0.025513958
chr1	2.23E+08	2.23E+08	966	833	223050000	0.141335	0.022729722
chr1	2.23E+08	2.23E+08	1041	887	223200000	0.158592	0.012443894
chr1	2.24E+08	2.24E+08	1000	1055	223850000	-0.14961	0.016902064
chr1	2.24E+08	2.24E+08	953	1015	223900000	-0.1633	0.010282725
chr1	2.24E+08	2.24E+08	55	42	224150000	0.316671	4.50E-06
chr1	2.24E+08	2.24E+08	757	790	224350000	-0.13393	0.028683683
chr1	2.25E+08	2.25E+08	735	772	225400000	-0.14323	0.021073218
chr1	2.25E+08	2.26E+08	793	819	225450000	-0.11891	0.045721775
chr1	2.26E+08	2.26E+08	947	978	225600000	-0.11884	0.045820543
chr1	2.26E+08	2.26E+08	872	936	2.26E+08	-0.17455	0.006667503
chr1	2.26E+08	2.26E+08	942	1064	226050000	-0.24807	0.000225427
chr1	2.26E+08	2.26E+08	947	979	226100000	-0.12032	0.043846701
chr1	2.27E+08	2.27E+08	1007	1072	226600000	-0.16261	0.010552081
chr1	2.27E+08	2.27E+08	938	986	226650000	-0.14437	0.020268115
chr1	2.27E+08	2.27E+08	917	1001	227100000	-0.19882	0.002425246

chr1	2.27E+08	2.27E+08	917	983	227150000	-0.17264	0.00718802
chr1	2.27E+08	2.27E+08	1064	929	227250000	0.123376	0.040293204
chr1	2.28E+08	2.28E+08	715	745	227700000	-0.13167	0.030847857
chr1	2.28E+08	2.28E+08	1022	1054	227950000	-0.11685	0.048597986
chr1	2.28E+08	2.28E+08	963	1058	228050000	-0.2081	0.001602019
chr1	2.28E+08	2.28E+08	1094	1262	228100000	-0.27847	4.19E-05
chr1	2.28E+08	2.28E+08	875	954	228150000	-0.19708	0.002617005
chr1	2.28E+08	2.28E+08	803	845	228200000	-0.14592	0.019217239
chr1	2.28E+08	2.28E+08	1126	1170	228250000	-0.12767	0.035000646
chr1	2.28E+08	2.28E+08	1033	1077	228350000	-0.13255	0.029989615
chr1	2.28E+08	2.28E+08	1013	1108	228400000	-0.2017	0.002136449
chr1	2.28E+08	2.29E+08	1098	1194	228450000	-0.1933	0.003081288
chr1	2.28E+08	2.29E+08	1156	1388	228500000	-0.33624	1.10E-06
chr1	2.29E+08	2.29E+08	1122	1386	228550000	-0.37723	5.84E-08
chr1	2.29E+08	2.29E+08	1052	1195	228600000	-0.25625	0.000145722
chr1	2.29E+08	2.29E+08	990	1051	228650000	-0.15863	0.012227749
chr1	2.29E+08	2.29E+08	533	571	228750000	-0.17173	0.007449619
chr1	2.29E+08	2.29E+08	1047	1110	228900000	-0.15667	0.013136892
chr1	2.3E+08	2.3E+08	927	973	229750000	-0.14224	0.021789386
chr1	2.3E+08	2.3E+08	1038	1075	2.30E+08	-0.1229	0.040551388
chr1	2.3E+08	2.3E+08	1068	1118	230200000	-0.13838	0.024795559
chr1	2.3E+08	2.3E+08	1055	1099	230350000	-0.13132	0.031193303
chr1	2.3E+08	2.3E+08	983	1062	230400000	-0.18389	0.004574266
chr1	2.3E+08	2.31E+08	985	1107	230450000	-0.24083	0.000328439
chr1	2.3E+08	2.31E+08	1062	1137	230500000	-0.17082	0.007717269
chr1	2.31E+08	2.31E+08	1000	1056	230900000	-0.15098	0.016107706
chr1	2.31E+08	2.31E+08	962	1039	231150000	-0.18346	0.004656584
chr1	2.31E+08	2.31E+08	968	1004	231200000	-0.12505	0.037967313
chr1	2.31E+08	2.31E+08	1036	1094	231350000	-0.15096	0.01611972
chr1	2.33E+08	2.33E+08	988	862	232900000	0.124451	0.038995599
chr1	2.33E+08	2.33E+08	976	825	232950000	0.170115	0.008086738
chr1	2.33E+08	2.33E+08	1069	931	2.33E+08	0.127037	0.036015458
chr1	2.33E+08	2.33E+08	1005	1052	233100000	-0.13831	0.02485257
chr1	2.33E+08	2.33E+08	1032	867	233300000	0.178967	0.005716918
chr1	2.33E+08	2.33E+08	1069	926	233350000	0.134806	0.028168397
chr1	2.34E+08	2.34E+08	1029	899	233850000	0.122478	0.041403011
chr1	2.35E+08	2.35E+08	1022	878	234550000	0.146731	0.018931839
chr1	2.35E+08	2.35E+08	953	1000	234900000	-0.14182	0.022099552
chr1	2.35E+08	2.35E+08	966	806	235400000	0.188872	0.003816045
chr1	2.35E+08	2.36E+08	962	810	235450000	0.175743	0.00649687
chr1	2.36E+08	2.36E+08	739	644	235550000	0.126142	0.037025221
chr1	2.36E+08	2.36E+08	1005	880	235850000	0.119248	0.045603361
chr1	2.36E+08	2.36E+08	1012	885	2.36E+08	0.121088	0.043170442
chr1	2.36E+08	2.36E+08	1009	880	236050000	0.124979	0.038371687
chr1	2.36E+08	2.36E+08	912	742	236400000	0.225243	0.000746709
chr1	2.36E+08	2.37E+08	908	794	236450000	0.121182	0.043049848
chr1	2.37E+08	2.37E+08	891	931	237250000	-0.13573	0.027056618

chr1	2.37E+08	2.38E+08	1027	874	237450000	0.160359	0.011665517
chr1	2.37E+08	2.38E+08	1062	913	237500000	0.145725	0.019595332
chr1	2.39E+08	2.39E+08	951	825	238550000	0.132679	0.030159319
chr1	2.39E+08	2.39E+08	1017	854	238700000	0.17964	0.005565128
chr1	2.39E+08	2.39E+08	997	802	238750000	0.241619	0.000332249
chr1	2.39E+08	2.39E+08	1000	777	238800000	0.291642	2.10E-05
chr1	2.39E+08	2.39E+08	980	852	239200000	0.129557	0.033294148
chr1	2.39E+08	2.39E+08	935	820	239250000	0.116971	0.048767116
chr1	2.39E+08	2.39E+08	984	858	239300000	0.125309	0.037985686
chr1	2.4E+08	2.4E+08	1091	923	239600000	0.168877	0.008479546
chr1	2.4E+08	2.4E+08	1056	910	239650000	0.1423	0.022006854
chr1	2.4E+08	2.41E+08	1061	907	240500000	0.153878	0.014744978
chr1	2.41E+08	2.41E+08	1050	882	240600000	0.179167	0.005671473
chr1	2.41E+08	2.41E+08	1044	902	240650000	0.138551	0.024929615
chr1	2.42E+08	2.42E+08	1006	848	241750000	0.174122	0.006923565
chr1	2.42E+08	2.42E+08	1023	871	241800000	0.15969	0.011955299
chr1	2.42E+08	2.42E+08	1049	916	241850000	0.123223	0.040479979
chr1	2.42E+08	2.42E+08	995	873	241950000	0.116343	0.049669144
chr1	2.42E+08	2.42E+08	939	802	242350000	0.155151	0.014090085
chr1	2.43E+08	2.43E+08	158	133	243100000	0.176127	0.006399436
chr1	2.43E+08	2.43E+08	74	78	243250000	-0.14832	0.017684891
chr1	2.44E+08	2.44E+08	1114	962	243650000	0.139269	0.024345792
chr1	2.44E+08	2.44E+08	1012	814	2.44E+08	0.241737	0.000330272
chr1	2.44E+08	2.44E+08	1058	920	244050000	0.129262	0.033603145
chr1	2.45E+08	2.45E+08	846	703	244650000	0.194761	0.00297644
chr1	2.45E+08	2.45E+08	839	731	244700000	0.126428	0.036700398
chr1	2.45E+08	2.45E+08	845	872	245100000	-0.11775	0.047329841
chr1	2.45E+08	2.45E+08	898	1009	245250000	-0.24051	0.00033389
chr1	2.45E+08	2.45E+08	911	1033	245300000	-0.25369	0.000167252
chr1	2.45E+08	2.46E+08	889	974	245450000	-0.20411	0.001918478
chr1	2.46E+08	2.46E+08	997	1056	245850000	-0.15532	0.01379716
chr1	2.46E+08	2.46E+08	950	825	246400000	0.131162	0.031650847
chr1	2.47E+08	2.47E+08	939	787	246550000	0.18239	0.004981283
chr1	2.47E+08	2.47E+08	904	780	246800000	0.140477	0.023389456
chr1	2.47E+08	2.47E+08	912	800	247100000	0.116662	0.049209057
chr1	2.48E+08	2.48E+08	987	865	247800000	0.117978	0.047346567
chr1	2.48E+08	2.48E+08	890	778	248400000	0.121663	0.042431726
chr1	2.49E+08	2.49E+08	529	464	248600000	0.116771	0.049052477
chr1	2.49E+08	2.49E+08	211	180	248650000	0.156874	0.013243587
chr1	2.49E+08	2.49E+08	265	286	248750000	-0.18239	0.004864242
chr1	2.49E+08	2.49E+08	908	972	249100000	-0.17064	0.007772749
chr1	2.49E+08	2.49E+08	1013	1082	249150000	-0.16744	0.008791948
chr1	2.49E+08	2.49E+08	150	169	249250000	-0.24443	0.000272683
chr11	50001	150000	4	5	1.00E+05	-0.3943	1.58E-08
chr11	100001	200000	195	211	150000	-0.18614	0.004167928
chr11	150001	250000	670	696	2.00E+05	-0.1273	0.035413517
chr11	200001	300000	975	1063	250000	-0.19704	0.002621426

chr11	250001	350000	854	931	3.00E+05	-0.19692	0.00263542
chr11	300001	400000	856	969	350000	-0.25126	0.000190447
chr11	350001	450000	946	1194	4.00E+05	-0.40826	5.25E-09
chr11	400001	500000	897	1171	450000	-0.45693	8.80E-11
chr11	450001	550000	877	1072	5.00E+05	-0.36203	1.79E-07
chr11	500001	600000	908	1108	550000	-0.35957	2.14E-07
chr11	550001	650000	967	1164	6.00E+05	-0.33988	8.55E-07
chr11	600001	700000	963	995	650000	-0.11953	0.044887152
chr11	700001	800000	871	985	750000	-0.24982	0.000205516
chr11	750001	850000	974	1242	8.00E+05	-0.42304	1.58E-09
chr11	800001	900000	1066	1350	850000	-0.41312	3.55E-09
chr11	850001	950000	1016	1192	9.00E+05	-0.30286	9.67E-06
chr11	900001	1000000	974	1040	950000	-0.16696	0.008953462
chr11	950001	1050000	1107	1225	1.00E+06	-0.2185	0.000988758
chr11	1000001	1100000	1171	1402	1050000	-0.33212	1.45E-06
chr11	1050001	1150000	1078	1338	1100000	-0.38409	3.47E-08
chr11	1100001	1200000	643	809	1150000	-0.40369	7.56E-09
chr11	1150001	1250000	559	675	1200000	-0.34441	6.25E-07
chr11	1200001	1300000	868	1087	1250000	-0.39696	1.29E-08
chr11	1250001	1350000	939	1082	1300000	-0.27688	4.60E-05
chr11	1300001	1400000	988	1090	1350000	-0.21412	0.001214646
chr11	1350001	1450000	987	1226	1400000	-0.38521	3.19E-08
chr11	1400001	1500000	1038	1326	1450000	-0.42565	1.27E-09
chr11	1450001	1550000	1078	1291	1500000	-0.3325	1.41E-06
chr11	1500001	1600000	1101	1207	1550000	-0.20498	0.001844808
chr11	1550001	1650000	896	972	1600000	-0.18983	0.003571012
chr11	1600001	1700000	722	808	1650000	-0.23473	0.000447811
chr11	1700001	1800000	1013	1045	1750000	-0.11724	0.048044665
chr11	1750001	1850000	1040	1125	1800000	-0.18571	0.004242581
chr11	1800001	1900000	993	1172	1850000	-0.31148	5.61E-06
chr11	1850001	1950000	1073	1305	1900000	-0.35477	3.02E-07
chr11	1900001	2000000	1075	1257	1950000	-0.29802	1.30E-05
chr11	1950001	2050000	1088	1315	2.00E+06	-0.34576	5.69E-07
chr11	2000001	2100000	1078	1359	2050000	-0.40656	6.02E-09
chr11	2050001	2150000	1049	1281	2100000	-0.36063	1.98E-07
chr11	2100001	2200000	1062	1247	2150000	-0.30405	8.97E-06
chr11	2150001	2250000	1088	1342	2200000	-0.37508	6.85E-08
chr11	2200001	2300000	1075	1244	2250000	-0.28302	3.21E-05
chr11	2250001	2350000	1064	1106	2300000	-0.12823	0.034401396
chr11	2300001	2400000	994	1068	2350000	-0.17597	0.006304217
chr11	2350001	2450000	1029	1244	2400000	-0.34612	5.55E-07
chr11	2400001	2500000	1110	1403	2450000	-0.41033	4.45E-09
chr11	2450001	2550000	1033	1160	2500000	-0.23966	0.00034882
chr11	2500001	2600000	1031	1073	2550000	-0.12998	0.032553113
chr11	2550001	2650000	1065	1140	2600000	-0.17055	0.007798014
chr11	2700001	2800000	1162	1238	2750000	-0.16377	0.010102948
chr11	2750001	2850000	1166	1343	2800000	-0.27626	4.76E-05

chr11	2800001	2900000	1164	1355	2850000	-0.29157	1.93E-05
chr11	2850001	2950000	1119	1299	2900000	-0.28756	2.46E-05
chr11	2900001	3000000	1030	1187	2950000	-0.27705	4.55E-05
chr11	2950001	3050000	1006	1079	3.00E+06	-0.17344	0.006967266
chr11	3000001	3100000	957	1003	3050000	-0.1401	0.023414404
chr11	3050001	3150000	876	999	3100000	-0.26193	0.000106885
chr11	3100001	3200000	998	1218	3150000	-0.35977	2.11E-07
chr11	3150001	3250000	1084	1325	3200000	-0.362	1.79E-07
chr11	3200001	3300000	689	810	3250000	-0.30579	8.05E-06
chr11	3250001	3350000	167	183	3300000	-0.20437	0.001896497
chr11	3300001	3400000	409	423	3350000	-0.12093	0.043047339
chr11	3350001	3450000	529	568	3400000	-0.17499	0.006551748
chr11	3400001	3500000	171	210	3450000	-0.36876	1.09E-07
chr11	3450001	3550000	96	112	3500000	-0.29476	1.59E-05
chr11	3550001	3650000	311	339	3600000	-0.19674	0.002655482
chr11	3600001	3700000	712	736	3650000	-0.1202	0.043999342
chr11	3800001	3900000	896	963	3850000	-0.17641	0.00619399
chr11	3850001	3950000	871	924	3900000	-0.15759	0.012703096
chr11	4100001	4200000	884	929	4150000	-0.144	0.020524043
chr11	4250001	4350000	45	36	4300000	0.249556	0.000220671
chr11	4300001	4400000	162	177	4350000	-0.20013	0.002289825
chr11	4350001	4450000	551	579	4400000	-0.14388	0.020609046
chr11	4400001	4500000	922	951	4450000	-0.11705	0.048314475
chr11	5550001	5650000	993	855	5600000	0.143498	0.021136423
chr11	5600001	5700000	936	820	5650000	0.118513	0.046606326
chr11	5650001	5750000	984	834	5700000	0.166239	0.009372531
chr11	5700001	5800000	964	806	5750000	0.185882	0.004319106
chr11	5750001	5850000	867	744	5800000	0.148358	0.017898712
chr11	5800001	5900000	922	798	5850000	0.136006	0.027094003
chr11	6100001	6200000	973	794	6150000	0.220929	0.000917104
chr11	6550001	6650000	1113	1153	6600000	-0.12331	0.040049469
chr11	6600001	6700000	1092	1127	6650000	-0.11789	0.047137336
chr11	6800001	6900000	979	829	6850000	0.167565	0.008913838
chr11	7150001	7250000	1012	872	7200000	0.142437	0.021905155
chr11	7700001	7800000	948	814	7750000	0.147486	0.018445682
chr11	7750001	7850000	803	679	7800000	0.169617	0.008242911
chr11	8050001	8150000	1101	1164	8100000	-0.15265	0.015182628
chr11	8200001	8300000	1110	1177	8250000	-0.15693	0.01301497
chr11	8250001	8350000	1111	1198	8300000	-0.18114	0.005119496
chr11	9050001	9150000	1007	1043	9100000	-0.12305	0.040372417
chr11	9250001	9350000	796	689	9300000	0.135893	0.02719416
chr11	9300001	9400000	755	621	9350000	0.209512	0.001555536
chr11	9350001	9450000	776	649	9400000	0.185466	0.004393464
chr11	9400001	9500000	791	669	9450000	0.1693	0.008343554
chr11	9450001	9550000	822	713	9500000	0.132865	0.029981498
chr11	10100001	10200000	940	799	10150000	0.162093	0.01094313
chr11	10150001	10250000	909	770	10200000	0.16705	0.009089582

chr11	10200001	10300000	929	803	10250000	0.137907	0.025463005
chr11	10300001	10400000	910	997	10350000	-0.2041	0.001919457
chr11	10900001	11000000	936	982	10950000	-0.14159	0.022277106
chr11	11400001	11500000	1092	1164	11450000	-0.16449	0.0098338
chr11	11450001	11550000	1078	1134	11500000	-0.14544	0.019542554
chr11	11750001	11850000	1011	1052	11800000	-0.12972	0.032815833
chr11	11900001	12000000	1113	971	11950000	0.124539	0.038891885
chr11	12150001	12250000	1039	1112	12200000	-0.17033	0.007864605
chr11	12200001	12300000	1085	1186	12250000	-0.20078	0.002224741
chr11	12250001	12350000	1053	1151	12300000	-0.20075	0.002227354
chr11	12350001	12450000	1021	869	12400000	0.160183	0.011741191
chr11	12600001	12700000	993	854	12650000	0.145186	0.019959382
chr11	12850001	12950000	969	1083	12900000	-0.23284	0.000492315
chr11	12900001	13000000	977	1027	12950000	-0.14438	0.020263966
chr11	13200001	13300000	1033	1066	13250000	-0.11774	0.047343283
chr11	13250001	13350000	1062	1158	13300000	-0.19722	0.002600509
chr11	13550001	13650000	692	719	13600000	-0.12759	0.035090436
chr11	14300001	14400000	1020	854	14350000	0.183889	0.004686506
chr11	14700001	14800000	877	764	14750000	0.126632	0.036469019
chr11	14750001	14850000	833	727	14800000	0.123989	0.0395488
chr11	14900001	15000000	1098	961	14950000	0.119898	0.044731969
chr11	14950001	15050000	1035	892	1.50E+07	0.142143	0.022122583
chr11	15000001	15100000	949	825	15050000	0.129642	0.033204712
chr11	15200001	15300000	989	1051	15250000	-0.16009	0.011588663
chr11	15600001	15700000	1083	1138	15650000	-0.14384	0.020639779
chr11	15800001	15900000	1178	1000	15850000	0.163968	0.010206632
chr11	15900001	16000000	1137	1174	15950000	-0.11857	0.046189485
chr11	16300001	16400000	1102	913	16350000	0.199066	0.002472645
chr11	16350001	16450000	1090	896	16400000	0.210386	0.00149507
chr11	16450001	16550000	839	724	16500000	0.140309	0.02352014
chr11	16500001	16600000	820	687	16550000	0.182942	0.004870849
chr11	16550001	16650000	1003	838	16600000	0.186928	0.004136703
chr11	16600001	16700000	944	828	16650000	0.116784	0.049033595
chr11	16700001	16800000	905	765	16750000	0.170086	0.008095744
chr11	16800001	16900000	1020	1103	16850000	-0.18524	0.004327461
chr11	16950001	17050000	1023	1090	1.70E+07	-0.16389	0.010057174
chr11	17000001	17100000	799	851	17050000	-0.16334	0.01027038
chr11	17050001	17150000	746	622	17100000	0.189889	0.003657244
chr11	17100001	17200000	921	738	17150000	0.247209	0.00024935
chr11	17150001	17250000	907	741	17200000	0.219257	0.00099228
chr11	17200001	17300000	835	709	17250000	0.163619	0.010340378
chr11	17350001	17450000	974	1041	17400000	-0.16835	0.008490557
chr11	17400001	17500000	1051	1149	17450000	-0.20099	0.00220446
chr11	17450001	17550000	1110	1212	17500000	-0.1992	0.002384973
chr11	17500001	17600000	1098	1220	17550000	-0.22437	0.000746269
chr11	17650001	17750000	1115	1213	17700000	-0.19391	0.003001553
chr11	17700001	17800000	1157	1265	17750000	-0.20112	0.002191587

chr11	18000001	18100000	990	1025	18050000	-0.1225	0.041055961
chr11	18300001	18400000	958	792	18350000	0.202153	0.002160355
chr11	18350001	18450000	915	776	18400000	0.165343	0.009694075
chr11	18500001	18600000	798	863	18550000	-0.18534	0.004308113
chr11	19350001	19450000	1113	965	19400000	0.133481	0.029395576
chr11	20100001	20200000	1110	951	20150000	0.150671	0.016513253
chr11	20150001	20250000	1059	873	20200000	0.206277	0.00179923
chr11	20200001	20300000	1046	889	20250000	0.162256	0.010877579
chr11	21000001	21100000	1080	941	21050000	0.126393	0.036739743
chr11	21300001	21400000	942	978	21350000	-0.12648	0.036327721
chr11	21500001	21600000	1074	934	21550000	0.129128	0.033744885
chr11	21600001	21700000	878	905	21650000	-0.11607	0.049726666
chr11	21800001	21900000	979	858	21850000	0.117959	0.047372683
chr11	21850001	21950000	1014	873	21900000	0.143632	0.021040332
chr11	22050001	22150000	1012	858	22100000	0.165788	0.009533289
chr11	22100001	22200000	1063	909	22150000	0.153418	0.014988486
chr11	22200001	22300000	971	1008	22250000	-0.12632	0.036502904
chr11	22400001	22500000	1088	953	22450000	0.118759	0.046269137
chr11	22550001	22650000	1051	909	22600000	0.137039	0.026197462
chr11	22850001	22950000	1015	890	22900000	0.117231	0.048397245
chr11	22900001	23000000	926	812	22950000	0.117161	0.04849662
chr11	23400001	23500000	980	834	23450000	0.160363	0.011664074
chr11	23450001	23550000	940	818	23500000	0.128188	0.03475026
chr11	23550001	23650000	1020	879	23600000	0.142262	0.022034439
chr11	23750001	23850000	936	808	23800000	0.139781	0.023935943
chr11	23800001	23900000	1016	866	23850000	0.15809	0.012673382
chr11	24000001	24100000	979	840	24050000	0.148548	0.017781174
chr11	24050001	24150000	1059	848	24100000	0.248195	0.000236904
chr11	24100001	24200000	1095	900	24150000	0.210562	0.001483127
chr11	24150001	24250000	946	820	24200000	0.133845	0.029054533
chr11	24250001	24350000	966	818	24300000	0.167551	0.008918716
chr11	24300001	24400000	902	775	24350000	0.146559	0.019043469
chr11	24500001	24600000	1042	869	24550000	0.189555	0.00370867
chr11	24550001	24650000	1046	890	24600000	0.160634	0.011548432
chr11	24600001	24700000	1022	890	24650000	0.127146	0.035893862
chr11	24750001	24850000	1019	854	24800000	0.182474	0.004964232
chr11	24800001	24900000	980	815	24850000	0.19361	0.003126073
chr11	25000001	25100000	901	782	25050000	0.131987	0.030832624
chr11	25050001	25150000	984	847	25100000	0.143925	0.02083327
chr11	25150001	25250000	980	846	25200000	0.139752	0.023959084
chr11	25200001	25300000	983	843	25250000	0.149287	0.017330497
chr11	25850001	25950000	956	809	25900000	0.168499	0.008602617
chr11	25900001	26000000	1038	840	25950000	0.232973	0.000512462
chr11	26200001	26300000	1016	889	26250000	0.120273	0.044234652
chr11	26450001	26550000	987	844	26500000	0.153435	0.014979075
chr11	26500001	26600000	1053	884	26550000	0.180015	0.005481971
chr11	26550001	26650000	982	829	26600000	0.171979	0.00752581

chr11	26850001	26950000	1003	849	26900000	0.168113	0.00872996
chr11	26900001	27000000	922	756	26950000	0.214009	0.001266711
chr11	26950001	27050000	953	836	2.70E+07	0.116602	0.04929614
chr11	27100001	27200000	1035	897	27150000	0.134079	0.028836197
chr11	28000001	28100000	965	823	28050000	0.157265	0.01305804
chr11	28050001	28150000	934	810	28100000	0.133129	0.029729075
chr11	28100001	28200000	980	858	28150000	0.119432	0.045355137
chr11	28150001	28250000	926	754	28200000	0.224076	0.000789658
chr11	28200001	28300000	895	679	28250000	0.326104	2.45E-06
chr11	28250001	28350000	942	781	28300000	0.198033	0.002585925
chr11	28300001	28400000	947	798	28350000	0.174604	0.006794275
chr11	28350001	28450000	914	748	28400000	0.216784	0.001113941
chr11	28400001	28500000	978	819	28450000	0.183599	0.004742293
chr11	28900001	29000000	985	829	28950000	0.17638	0.006335764
chr11	29300001	29400000	1026	886	29350000	0.13928	0.024336381
chr11	29350001	29450000	952	811	29400000	0.158888	0.012310613
chr11	29500001	29600000	1082	910	29550000	0.17739	0.006087348
chr11	29550001	29650000	1082	917	29600000	0.166335	0.009338661
chr11	30000001	30100000	993	863	30050000	0.130061	0.032769848
chr11	30050001	30150000	907	783	30100000	0.139718	0.023985974
chr11	30150001	30250000	961	1004	30200000	-0.13552	0.027238129
chr11	30950001	31050000	1032	905	3.10E+07	0.117082	0.048609211
chr11	31200001	31300000	1033	899	31250000	0.128075	0.034872466
chr11	31500001	31600000	904	793	31550000	0.11663	0.049254943
chr11	31550001	31650000	967	796	31600000	0.208376	0.001637453
chr11	31600001	31700000	1066	859	31650000	0.239106	0.000377367
chr11	31650001	31750000	988	834	31700000	0.172092	0.007493013
chr11	31700001	31800000	898	770	31750000	0.149485	0.017211336
chr11	31800001	31900000	1013	1076	31850000	-0.15942	0.011881415
chr11	32350001	32450000	934	989	32400000	-0.15492	0.013995867
chr11	32400001	32500000	946	1058	32450000	-0.2338	0.000469175
chr11	32650001	32750000	921	798	32700000	0.134441	0.028502415
chr11	32750001	32850000	805	697	32800000	0.135458	0.027580097
chr11	32800001	32900000	942	796	32850000	0.170587	0.007941434
chr11	33200001	33300000	881	772	33250000	0.118169	0.047080747
chr11	33250001	33350000	919	800	33300000	0.127693	0.035289805
chr11	33650001	33750000	984	1034	33700000	-0.14388	0.020612605
chr11	34150001	34250000	1033	1119	34200000	-0.18774	0.003898662
chr11	34350001	34450000	939	979	34400000	-0.13256	0.02998412
chr11	34450001	34550000	981	1082	34500000	-0.21375	0.001235727
chr11	34500001	34600000	1015	1155	34550000	-0.25878	0.000126964
chr11	34800001	34900000	1061	925	34850000	0.125528	0.037731549
chr11	35700001	35800000	889	767	35750000	0.140585	0.023305388
chr11	36500001	36600000	905	754	36550000	0.190981	0.003493458
chr11	36550001	36650000	1009	855	36600000	0.166558	0.009260343
chr11	37100001	37200000	1031	896	37150000	0.130102	0.032728046
chr11	37150001	37250000	999	872	37200000	0.123785	0.039795791

chr11	37400001	37500000	981	773	37450000	0.271413	6.76E-05
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chr11	37500001	37600000	1024	853	37550000	0.191226	0.003457667
chr11	37550001	37650000	1077	855	37600000	0.26065	0.000122294
chr11	37700001	37800000	1065	875	37750000	0.211127	0.001445505
chr11	37750001	37850000	1059	891	37800000	0.176833	0.006223145
chr11	37850001	37950000	1036	876	37900000	0.169649	0.008232552
chr11	37900001	38000000	1067	845	37950000	0.264165	0.000100986
chr11	38050001	38150000	978	817	38100000	0.187127	0.004102812
chr11	38100001	38200000	981	842	38150000	0.148061	0.018083286
chr11	38150001	38250000	950	825	38200000	0.131162	0.031650847
chr11	38250001	38350000	994	849	38300000	0.15511	0.014111098
chr11	38300001	38400000	1043	855	38350000	0.214371	0.001245731
chr11	38500001	38600000	977	831	38550000	0.161138	0.011336009
chr11	38650001	38750000	986	851	38700000	0.140057	0.023718342
chr11	38900001	39000000	1007	850	38950000	0.172157	0.00747408
chr11	38950001	39050000	1059	829	3.90E+07	0.280887	3.95E-05
chr11	39000001	39100000	1025	824	39050000	0.242536	0.000317093
chr11	39050001	39150000	989	805	39100000	0.22461	0.000769727
chr11	39100001	39200000	982	803	39150000	0.217951	0.001054911
chr11	39750001	39850000	836	721	39800000	0.141132	0.022884375
chr11	39800001	39900000	856	749	39850000	0.120273	0.044234652
chr11	40750001	40850000	1019	865	40800000	0.16401	0.010190457
chr11	40800001	40900000	1008	879	40850000	0.125189	0.03812583
chr11	41100001	41200000	1040	899	41150000	0.137819	0.025536742
chr11	41600001	41700000	950	781	41650000	0.210233	0.001505464
chr11	41650001	41750000	917	737	41700000	0.242885	0.000311485
chr11	41700001	41800000	860	705	41750000	0.214342	0.001247423
chr11	41750001	41850000	907	749	41800000	0.203765	0.002012026
chr11	41800001	41900000	1037	892	41850000	0.144929	0.02013512
chr11	41950001	42050000	1065	922	4.20E+07	0.135643	0.027415463
chr11	42000001	42100000	1095	921	42050000	0.177286	0.006112569
chr11	42050001	42150000	1061	858	42100000	0.234003	0.000487012
chr11	42100001	42200000	1048	834	42150000	0.257148	0.000147684
chr11	42150001	42250000	956	803	42200000	0.179239	0.005655198
chr11	42750001	42850000	1076	937	42800000	0.127185	0.035850319
chr11	43300001	43400000	883	919	43350000	-0.13002	0.032506056
chr11	43350001	43450000	867	954	43400000	-0.21033	0.001447123
chr11	43600001	43700000	1009	885	43650000	0.116805	0.049003907
chr11	43750001	43850000	961	832	43800000	0.135581	0.027470537
chr11	43950001	44050000	1000	1032	4.40E+07	-0.11781	0.047237358
chr11	44250001	44350000	1075	1109	44300000	-0.11729	0.047968363
chr11	44400001	44500000	977	1039	44450000	-0.16114	0.011148706
chr11	44450001	44550000	997	1060	44500000	-0.16077	0.011301258
chr11	44650001	44750000	1057	1096	44700000	-0.12464	0.038446911
chr11	44750001	44850000	1110	1173	44800000	-0.15202	0.01552856
chr11	44800001	44900000	1116	1171	44850000	-0.14178	0.022135232

chr11	44850001	44950000	1126	1216	44900000	-0.18331	0.004685456
chr11	44900001	45000000	1104	1224	44950000	-0.22124	0.000867989
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chr11	45000001	45100000	975	1031	45050000	-0.15294	0.015024496
chr11	45150001	45250000	1121	1204	45200000	-0.17542	0.006442097
chr11	45200001	45300000	1058	1165	45250000	-0.21136	0.001379983
chr11	45500001	45600000	1135	1174	45550000	-0.12111	0.042810393
chr11	45650001	45750000	1131	1167	45700000	-0.11758	0.047569716
chr11	45750001	45850000	902	989	45800000	-0.20521	0.001825676
chr11	45800001	45900000	922	990	45850000	-0.17503	0.006541751
chr11	45850001	45950000	1032	1169	45900000	-0.2522	0.000181085
chr11	45900001	46000000	1028	1135	45950000	-0.21522	0.001153495
chr11	46200001	46300000	929	972	46250000	-0.13765	0.025402015
chr11	46300001	46400000	991	1086	46350000	-0.20444	0.001890419
chr11	46350001	46450000	978	1100	46400000	-0.24197	0.000309771
chr11	46800001	46900000	1016	846	46850000	0.191799	0.003375216
chr11	46850001	46950000	988	859	46900000	0.129481	0.033373055
chr11	47150001	47250000	886	998	47200000	-0.2441	0.000277364
chr11	47200001	47300000	866	959	47250000	-0.21954	0.000941275
chr11	47300001	47400000	972	1054	47350000	-0.18922	0.003664226
chr11	47350001	47450000	980	1057	47400000	-0.18149	0.005046518
chr11	47650001	47750000	841	732	47700000	0.12789	0.035073962
chr11	47700001	47800000	806	692	47750000	0.147636	0.018350785
chr11	47800001	47900000	855	724	47850000	0.167563	0.008914527
chr11	47850001	47950000	845	723	47900000	0.152584	0.015437871
chr11	48050001	48150000	905	991	48100000	-0.20334	0.001985777
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chr11	49000001	49100000	234	185	49050000	0.266611	8.83E-05
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chr11	49200001	49300000	275	237	49250000	0.142173	0.02210076
chr11	49400001	49500000	287	304	49450000	-0.15539	0.013759268
chr11	49500001	49600000	312	271	49550000	0.130881	0.031932791
chr11	49550001	49650000	293	249	49600000	0.162383	0.010826358
chr11	49600001	49700000	271	237	49650000	0.121034	0.043240496
chr11	49750001	49850000	229	196	49800000	0.152122	0.015691725
chr11	50050001	50150000	408	423	50100000	-0.12446	0.038664764
chr11	50100001	50200000	544	565	50150000	-0.12702	0.035726208
chr11	50150001	50250000	590	619	50200000	-0.1416	0.022269632
chr11	50300001	50400000	703	559	50350000	0.258305	0.000138794
chr11	50350001	50450000	845	705	50400000	0.188956	0.00380259
chr11	50450001	50550000	824	706	50500000	0.150604	0.016551631
chr11	50500001	50600000	782	673	50550000	0.14419	0.020646486
chr11	50600001	50700000	696	741	50650000	-0.16276	0.010494997
chr11	50750001	50850000	233	254	50800000	-0.19687	0.002640762
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chr11	51050001	51150000	0	1	51100000	#NAME?	1.59E-189
chr11	51150001	51250000	452	381	51200000	0.17416	0.006913381

chr11	51200001	51300000	670	556	51250000	0.196704	0.002738507
chr11	54650001	54750000	6	4	54700000	0.512591	8.10E-13
chr11	54700001	54800000	49	41	54750000	0.184786	0.004517809
chr11	55050001	55150000	659	563	55100000	0.154772	0.014282615
chr11	55100001	55200000	855	735	55150000	0.145808	0.019539702
chr11	55200001	55300000	677	702	55250000	-0.12469	0.038396386
chr11	55300001	55400000	895	770	55350000	0.144657	0.020321616
chr11	55350001	55450000	982	821	55400000	0.185969	0.004303579
chr11	55400001	55500000	991	806	55450000	0.225733	0.000729308
chr11	55650001	55750000	905	780	55700000	0.142072	0.022175707
chr11	55700001	55800000	941	777	55750000	0.203908	0.001999298
chr11	55750001	55850000	915	749	55800000	0.216434	0.001132219
chr11	55800001	55900000	929	752	55850000	0.232574	0.000522656
chr11	55850001	55950000	945	779	55900000	0.206319	0.001795856
chr11	56100001	56200000	1025	877	56150000	0.152603	0.015427247
chr11	56150001	56250000	1030	858	56200000	0.191223	0.003458145
chr11	56750001	56850000	941	813	56800000	0.138568	0.02491566
chr11	57000001	57100000	1059	1110	57050000	-0.14023	0.023315714
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chr11	57400001	57500000	882	768	57450000	0.127301	0.035722484
chr11	57450001	57550000	854	729	57500000	0.155945	0.013694228
chr11	57600001	57700000	802	834	57650000	-0.12882	0.033767701
chr11	57750001	57850000	845	723	57800000	0.152584	0.015437871
chr11	58050001	58150000	956	800	58100000	0.184639	0.004545129
chr11	58450001	58550000	969	807	58500000	0.191556	0.003409955
chr11	58550001	58650000	705	739	58600000	-0.14032	0.023242481
chr11	59450001	59550000	903	956	59500000	-0.15466	0.014129219
chr11	59500001	59600000	941	991	59550000	-0.14706	0.018475707
chr11	60050001	60150000	984	846	60100000	0.145629	0.019659947
chr11	60300001	60400000	723	760	60350000	-0.14438	0.020265312
chr11	60450001	60550000	966	1084	60500000	-0.23864	0.000367366
chr11	60500001	60600000	997	1049	60550000	-0.14572	0.019351421
chr11	60550001	60650000	996	1051	60600000	-0.14992	0.016723706
chr11	60700001	60800000	1022	1099	60750000	-0.17717	0.006009151
chr11	60750001	60850000	1019	1080	60800000	-0.15625	0.01333921
chr11	60850001	60950000	973	1034	60900000	-0.1601	0.011586851
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chr11	61300001	61400000	1149	1240	61350000	-0.18233	0.004876486
chr11	61400001	61500000	1023	1113	61450000	-0.19402	0.002987193
chr11	61450001	61550000	1152	1308	61500000	-0.25559	0.000150964
chr11	61500001	61600000	1079	1182	61550000	-0.20391	0.001936007
chr11	61600001	61700000	1034	1073	61650000	-0.12579	0.037117102
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chr11	61700001	61800000	829	866	61750000	-0.13537	0.027377078
chr11	62050001	62150000	726	751	62100000	-0.12122	0.042677387
chr11	62400001	62500000	828	878	62450000	-0.15696	0.012998154
chr11	62950001	63050000	742	622	6.30E+07	0.182133	0.005033413

chr11	63300001	63400000	958	826	63350000	0.141512	0.02259547	
chr11	63350001	63450000	883	772	63400000	0.121441	0.042716342	
chr11	63600001	63700000	973	1012	63650000	-0.12907	0.033500392	
chr11	63700001	63800000	939	1065	63750000	-0.25403	0.000164237	
chr11	63750001	63850000	1037	1329	63800000	-0.4303	8.64E-10	
chr11	63800001	63900000	1069	1296	63850000	-0.35018	4.18E-07	
chr11	63850001	63950000	979	1095	63900000	-0.23392	0.000466303	
chr11	63900001	64000000	890	1001	63950000	-0.24194	0.000310289	
chr11	63950001	64050000	907	1105	64000000	6.40E+07	-0.35724	2.53E-07
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chr11	64250001	64350000	1075	1123	64300000	-0.13539	0.027353573	
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chr11	64500001	64600000	937	1098	64550000	-0.30113	1.08E-05	
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chr11	64600001	64700000	1012	1212	64650000	-0.33255	1.41E-06	
chr11	64650001	64750000	947	1027	64700000	-0.18937	0.003640647	
chr11	64700001	64800000	831	876	64750000	-0.14845	0.017602703	
chr11	64900001	65000000	944	980	64950000	-0.12637	0.036454846	
chr11	64950001	65050000	906	950	65000000	6.50E+07	-0.14079	0.022882866
chr11	65100001	65200000	929	977	65150000	-0.14505	0.019801541	
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chr11	65400001	65500000	912	961	65450000	-0.14787	0.017961921	
chr11	65550001	65650000	948	1033	65600000	-0.19625	0.002712518	
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chr11	65700001	65800000	927	971	65750000	-0.13927	0.024070762	
chr11	65950001	66050000	1001	1081	66000000	6.60E+07	-0.1833	0.004687737
chr11	66000001	66100000	1022	1172	66050000	-0.26995	6.83E-05	
chr11	66050001	66150000	962	1115	66100000	-0.28531	2.81E-05	
chr11	66100001	66200000	925	1009	66150000	-0.19777	0.002538953	
chr11	66150001	66250000	881	970	66200000	-0.21121	0.001389397	
chr11	66200001	66300000	880	957	66250000	-0.19339	0.003069344	
chr11	66250001	66350000	904	965	66300000	-0.16658	0.00908541	
chr11	66300001	66400000	888	916	66350000	-0.11716	0.048159216	
chr11	66350001	66450000	857	889	66400000	-0.12526	0.037724758	
chr11	66400001	66500000	923	1013	66450000	-0.2066	0.001714843	
chr11	66800001	66900000	794	828	66850000	-0.13286	0.029688724	
chr11	67000001	67100000	1014	1177	67050000	-0.28743	2.48E-05	
chr11	67050001	67150000	1014	1074	67100000	-0.15531	0.013801188	
chr11	67150001	67250000	1013	1056	67200000	-0.13235	0.030184989	

chr11	67200001	67300000	985	1079	67250000	-0.20387	0.001939122
chr11	67250001	67350000	907	1002	67300000	-0.21608	0.001108155
chr11	67300001	67400000	809	891	67350000	-0.21166	0.001361315
chr11	67350001	67450000	855	958	67400000	-0.23647	0.000410108
chr11	67400001	67500000	645	714	67450000	-0.219	0.000965675
chr11	67450001	67550000	311	333	67500000	-0.17098	0.007669697
chr11	67500001	67600000	159	174	67550000	-0.20243	0.00206766
chr11	67600001	67700000	83	63	67650000	0.325388	2.57E-06
chr11	67700001	67800000	446	569	67750000	-0.42376	1.49E-09
chr11	67750001	67850000	925	1057	67800000	-0.26482	9.11E-05
chr11	68050001	68150000	902	972	68100000	-0.1802	0.005318698
chr11	68100001	68200000	950	1064	68150000	-0.23587	0.000422781
chr11	68150001	68250000	953	1002	68200000	-0.14471	0.020037415
chr11	68350001	68450000	882	911	68400000	-0.11904	0.045545471
chr11	68400001	68500000	958	1055	68450000	-0.21152	0.001370152
chr11	68450001	68550000	1013	1087	68500000	-0.17409	0.00679037
chr11	68500001	68600000	924	987	68550000	-0.16753	0.008761424
chr11	68550001	68650000	857	957	68600000	-0.2316	0.000523703
chr11	68650001	68750000	986	1053	68700000	-0.16722	0.008866351
chr11	68700001	68800000	955	1113	68750000	-0.29325	1.74E-05
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chr11	68800001	68900000	1045	1213	68850000	-0.28745	2.47E-05
chr11	68850001	68950000	1081	1177	68900000	-0.19512	0.002848899
chr11	69000001	69100000	1070	1121	69050000	-0.13955	0.02385246
chr11	69150001	69250000	1073	1169	69200000	-0.196	0.002742845
chr11	69200001	69300000	1046	1199	69250000	-0.26932	7.08E-05
chr11	69250001	69350000	1105	1238	69300000	-0.23634	0.000412943
chr11	69400001	69500000	1056	1122	69450000	-0.15983	0.011699331
chr11	69450001	69550000	984	1025	69500000	-0.13127	0.031247765
chr11	69550001	69650000	982	1085	69600000	-0.21627	0.001098209
chr11	69600001	69700000	1047	1140	69650000	-0.19514	0.002845876
chr11	69650001	69750000	785	813	69700000	-0.12293	0.040511312
chr11	69700001	69800000	511	559	69750000	-0.2019	0.002117454
chr11	69750001	69850000	787	838	69800000	-0.16296	0.010416567
chr11	69800001	69900000	1064	1134	69850000	-0.16429	0.009906641
chr11	69850001	69950000	1039	1137	69900000	-0.20241	0.002069863
chr11	69900001	70000000	1015	1125	69950000	-0.22082	0.000885513
chr11	69950001	70050000	1013	1151	7.00E+07	-0.25663	0.000142773
chr11	70000001	70100000	916	998	70050000	-0.19606	0.002734849
chr11	70250001	70350000	1058	1108	70300000	-0.13899	0.024298962
chr11	70300001	70400000	1081	1182	70350000	-0.20124	0.002180462
chr11	70350001	70450000	1034	1102	70400000	-0.16426	0.009919512
chr11	70400001	70500000	997	1083	70450000	-0.19174	0.003293164
chr11	70450001	70550000	1051	1184	70500000	-0.24428	0.000274879
chr11	70500001	70600000	1084	1229	70550000	-0.25349	0.000169029
chr11	70550001	70650000	1080	1170	70600000	-0.18785	0.003881164
chr11	70600001	70700000	1105	1156	70650000	-0.13747	0.025555546

chr11	70650001	70750000	1095	1163	70700000	-0.15929	0.011935638
chr11	70700001	70800000	1015	1105	70750000	-0.19494	0.002871261
chr11	70750001	70850000	900	978	70800000	-0.19228	0.003218011
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chr11	70850001	70950000	899	1010	70900000	-0.24033	0.000336926
chr11	70900001	71000000	1004	1072	70950000	-0.16692	0.008968581
chr11	71050001	71150000	1078	1215	71100000	-0.24497	0.00026515
chr11	71100001	71200000	1030	1147	71150000	-0.22759	0.000638039
chr11	71300001	71400000	108	129	71350000	-0.32871	1.82E-06
chr11	71350001	71450000	78	88	71400000	-0.2464	0.000246073
chr11	71450001	71550000	117	145	71500000	-0.38192	4.10E-08
chr11	71550001	71650000	390	332	71600000	0.159919	0.011855322
chr11	72300001	72400000	1215	1338	72350000	-0.21149	0.001371646
chr11	72350001	72450000	1169	1296	72400000	-0.22116	0.000871009
chr11	72400001	72500000	1050	1318	72450000	-0.40033	9.87E-09
chr11	72450001	72550000	937	1198	72500000	-0.42688	1.15E-09
chr11	72650001	72750000	948	821	72700000	0.135133	0.027872141
chr11	72800001	72900000	1002	1034	72850000	-0.11773	0.047362181
chr11	72850001	72950000	1073	1124	72900000	-0.13936	0.023998745
chr11	72950001	73050000	1034	1084	7.30E+07	-0.1405	0.023104783
chr11	73000001	73100000	1061	1244	73050000	-0.30193	1.02E-05
chr11	73050001	73150000	1051	1209	73100000	-0.27442	5.30E-05
chr11	73100001	73200000	990	1041	73150000	-0.14484	0.019944818
chr11	74100001	74200000	915	961	74150000	-0.14314	0.021139112
chr11	74150001	74250000	851	907	74200000	-0.16432	0.009898829
chr11	74350001	74450000	1054	1116	74400000	-0.15483	0.014039201
chr11	74400001	74500000	951	1018	74450000	-0.17059	0.007785944
chr11	75000001	75100000	935	965	75050000	-0.11793	0.047070574
chr11	75050001	75150000	863	953	75100000	-0.21549	0.001139354
chr11	75100001	75200000	976	1128	75150000	-0.28119	3.58E-05
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chr11	75200001	75300000	1025	1150	75250000	-0.23838	0.000372257
chr11	75250001	75350000	1061	1158	75300000	-0.19858	0.002450641
chr11	75300001	75400000	1006	1069	75350000	-0.16	0.011626693
chr11	75350001	75450000	927	1017	75400000	-0.20605	0.001758241
chr11	75400001	75500000	974	1039	75450000	-0.16557	0.009438864
chr11	75500001	75600000	918	949	75550000	-0.12029	0.043886826
chr11	75600001	75700000	1049	880	75650000	0.181067	0.005254826
chr11	75800001	75900000	1020	1108	75850000	-0.19176	0.003290235
chr11	75850001	75950000	1088	1261	75900000	-0.28526	2.82E-05
chr11	75900001	76000000	1115	1206	75950000	-0.18556	0.004269999
chr11	75950001	76050000	1023	1055	7.60E+07	-0.11681	0.048659184
chr11	76200001	76300000	966	1001	76250000	-0.12372	0.039553521
chr11	76250001	76350000	976	1077	76300000	-0.21444	0.001196667
chr11	76300001	76400000	1048	1128	76350000	-0.1785	0.005696605
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chr11	76450001	76550000	967	1022	76500000	-0.15218	0.015438291
chr11	76750001	76850000	1072	1162	76800000	-0.18868	0.003748667
chr11	76800001	76900000	1099	1305	76850000	-0.32023	3.19E-06
chr11	76850001	76950000	1065	1232	76900000	-0.28252	3.31E-05
chr11	77050001	77150000	1122	971	77100000	0.136158	0.026960887
chr11	77200001	77300000	895	763	77250000	0.157833	0.012792075
chr11	77250001	77350000	875	763	77300000	0.125228	0.038079817
chr11	77300001	77400000	954	831	77350000	0.126769	0.036315375
chr11	77750001	77850000	878	752	77800000	0.151117	0.016257068
chr11	77800001	77900000	934	797	77850000	0.156471	0.013437634
chr11	78050001	78150000	1075	916	78100000	0.158545	0.012465157
chr11	78150001	78250000	951	828	78200000	0.127443	0.035565201
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chr11	78350001	78450000	1013	1058	78400000	-0.13508	0.027636462
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chr11	78450001	78550000	1047	1118	78500000	-0.16703	0.008929948
chr11	78700001	78800000	1069	1124	78750000	-0.14475	0.020006023
chr11	78750001	78850000	993	1055	78800000	-0.15975	0.011736278
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chr11	79050001	79150000	1087	1213	79100000	-0.2306	0.000550229
chr11	79100001	79200000	1121	1184	79150000	-0.15125	0.015952967
chr11	79150001	79250000	1083	1126	79200000	-0.12855	0.034057228
chr11	79200001	79300000	983	1025	79250000	-0.13273	0.029814207
chr11	79250001	79350000	976	1023	79300000	-0.14022	0.02331883
chr11	79550001	79650000	963	1045	79600000	-0.19027	0.003505554
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chr11	80350001	80450000	735	768	80400000	-0.13573	0.027051029
chr11	80500001	80600000	898	938	80550000	-0.13524	0.027486548
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chr11	81000001	81100000	1067	864	81050000	0.232085	0.000535397
chr11	81050001	81150000	1036	887	81100000	0.151646	0.015957139
chr11	81350001	81450000	1077	938	81400000	0.126987	0.03607166
chr11	81400001	81500000	1021	889	81450000	0.127356	0.035661377
chr11	81450001	81550000	967	819	81500000	0.167281	0.009010507
chr11	81500001	81600000	1006	855	81550000	0.162262	0.01087498
chr11	81600001	81700000	1040	889	81650000	0.153956	0.014704098
chr11	81650001	81750000	1001	860	81700000	0.146662	0.018976718
chr11	81700001	81800000	1008	878	81750000	0.126831	0.036245802
chr11	81950001	82050000	958	834	8.20E+07	0.127607	0.035384881
chr11	82150001	82250000	917	948	82200000	-0.12034	0.043819235
chr11	82550001	82650000	955	993	82600000	-0.12866	0.033929678
chr11	82600001	82700000	862	894	82650000	-0.12496	0.038076644
chr11	82750001	82850000	984	853	82800000	0.133741	0.029151481

chr11	82800001	82900000	944	812	82850000	0.144935	0.020130424
chr11	82850001	82950000	960	816	82900000	0.162093	0.01094313
chr11	82900001	83000000	949	817	82950000	0.1437	0.020992059
chr11	83100001	83200000	874	764	83150000	0.121689	0.042399269
chr11	83250001	83350000	1022	896	83300000	0.117453	0.048083151
chr11	83650001	83750000	1063	887	83700000	0.188764	0.003833218
chr11	83700001	83800000	1011	854	83750000	0.171103	0.007784975
chr11	83900001	84000000	995	872	83950000	0.117997	0.047320883
chr11	84050001	84150000	1022	873	84100000	0.15497	0.014181802
chr11	84100001	84200000	1052	910	84150000	0.136824	0.026381401
chr11	84350001	84450000	1015	1054	84400000	-0.12677	0.036004281
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chr11	85150001	85250000	944	1053	85200000	-0.23002	0.00056627
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chr11	86000001	86100000	873	757	86050000	0.133317	0.029550891
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chr11	86950001	87050000	954	820	8.70E+07	0.145994	0.019416317
chr11	87450001	87550000	905	776	87500000	0.149489	0.017208854
chr11	87500001	87600000	1012	845	87550000	0.187814	0.003987569
chr11	87550001	87650000	1072	922	87600000	0.145094	0.020021641
chr11	87650001	87750000	485	409	87700000	0.173512	0.007090534
chr11	88050001	88150000	1009	878	88100000	0.128262	0.034670828
chr11	88150001	88250000	1030	903	88200000	0.117475	0.048052286
chr11	88350001	88450000	1052	908	88400000	0.139999	0.023764061
chr11	88550001	88650000	438	380	88600000	0.13256	0.03027485
chr11	88750001	88850000	278	236	88800000	0.163926	0.010222463
chr11	88800001	88900000	364	313	88850000	0.145404	0.019811452
chr11	89450001	89550000	89	95	89500000	-0.16649	0.009114522
chr11	89500001	89600000	17	20	89550000	-0.30684	7.53E-06
chr11	89600001	89700000	26	17	89650000	0.540605	5.54E-14
chr11	89650001	89750000	19	8	89700000	1.175556	7.83E-49
chr11	89700001	89800000	9	7	89750000	0.290198	2.29E-05
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chr11	90000001	90100000	938	820	90050000	0.121592	0.042522557
chr11	90150001	90250000	983	848	90200000	0.140755	0.02317357
chr11	90200001	90300000	1052	836	90250000	0.259188	0.000132347
chr11	90250001	90350000	1000	797	90300000	0.254977	0.000165827
chr11	90300001	90400000	946	805	90350000	0.16048	0.011614054
chr11	90350001	90450000	970	844	90400000	0.12837	0.034553798
chr11	90650001	90750000	898	752	90700000	0.183611	0.004740018
chr11	90700001	90800000	792	661	90750000	0.188478	0.00387904
chr11	91000001	91100000	888	934	91050000	-0.14523	0.019677656
chr11	92850001	92950000	937	817	92900000	0.125341	0.037948065
chr11	93400001	93500000	932	776	93450000	0.191902	0.003360654
chr11	93450001	93550000	905	789	93500000	0.125521	0.037739537
chr11	94350001	94450000	1045	911	94400000	0.125608	0.037638251

chr11	94700001	94800000	955	1020	94750000	-0.16737	0.008815451
chr11	95600001	95700000	936	982	95650000	-0.14159	0.022277106
chr11	95750001	95850000	1124	927	95800000	0.205629	0.001852078
chr11	95800001	95900000	1096	940	95850000	0.149143	0.017417296
chr11	96350001	96450000	136	110	96400000	0.233731	0.000493616
chr11	96500001	96600000	955	837	96550000	0.117901	0.047453727
chr11	96850001	96950000	970	849	96900000	0.119848	0.044797921
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chr11	97500001	97600000	938	820	97550000	0.121592	0.042522557
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chr11	97850001	97950000	993	847	97900000	0.15706	0.013155071
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chr11	99050001	99150000	1009	869	99100000	0.143126	0.021402969
chr11	99100001	99200000	1045	877	99150000	0.180482	0.00538008
chr11	99150001	99250000	1030	882	99200000	0.151422	0.016083506
chr11	99300001	99400000	1055	874	99350000	0.199166	0.002461882
chr11	99500001	99600000	1035	849	99550000	0.213423	0.001301344
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chr11	99600001	99700000	1022	847	99650000	0.19859	0.00252429
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chr11	99900001	1E+08	998	845	99950000	0.167717	0.008862629
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chr11	1.01E+08	1.01E+08	928	794	100550000	0.152614	0.015421445
chr11	1.01E+08	1.01E+08	1008	880	101250000	0.123548	0.040082672
chr11	1.01E+08	1.01E+08	1040	910	101300000	0.120273	0.044234652
chr11	1.03E+08	1.03E+08	997	840	1.03E+08	0.174832	0.006733678
chr11	1.03E+08	1.03E+08	1031	832	103050000	0.237017	0.000419126
chr11	1.03E+08	1.03E+08	1075	859	103100000	0.251235	0.000202094
chr11	1.03E+08	1.03E+08	1008	841	103150000	0.188946	0.0038042
chr11	1.03E+08	1.03E+08	968	845	103300000	0.123684	0.03991799
chr11	1.03E+08	1.03E+08	1018	848	103350000	0.19123	0.003457184
chr11	1.03E+08	1.03E+08	960	823	103400000	0.14977	0.017041248
chr11	1.04E+08	1.04E+08	1060	923	103900000	0.12729	0.035734265
chr11	1.04E+08	1.04E+08	977	850	103950000	0.128524	0.034388156
chr11	1.04E+08	1.04E+08	1010	853	104250000	0.171366	0.007706454
chr11	1.04E+08	1.05E+08	1085	943	104450000	0.129994	0.032839853
chr11	1.04E+08	1.05E+08	1098	934	104500000	0.161012	0.011388947
chr11	1.05E+08	1.05E+08	1073	901	104650000	0.179679	0.005556358
chr11	1.05E+08	1.05E+08	1088	906	105050000	0.191724	0.003385944

chr11	1.05E+08	1.05E+08	1011	789	105200000	0.285314	3.05E-05
chr11	1.05E+08	1.05E+08	1025	835	105250000	0.223404	0.000815408
chr11	1.06E+08	1.06E+08	1020	883	105600000	0.135712	0.027354123
chr11	1.06E+08	1.06E+08	1074	925	105650000	0.143097	0.021424179
chr11	1.06E+08	1.06E+08	1041	888	105800000	0.156967	0.013199471
chr11	1.06E+08	1.06E+08	1034	890	105850000	0.143987	0.020789145
chr11	1.06E+08	1.06E+08	1007	859	106050000	0.156962	0.013201779
chr11	1.06E+08	1.06E+08	1072	933	106300000	0.127984	0.034971759
chr11	1.06E+08	1.06E+08	1101	909	106350000	0.20409	0.001983224
chr11	1.06E+08	1.06E+08	1111	901	106400000	0.229888	0.000596286
chr11	1.06E+08	1.07E+08	1072	931	106450000	0.131108	0.031732697
chr11	1.07E+08	1.07E+08	1020	867	106550000	0.162093	0.01094313
chr11	1.07E+08	1.07E+08	962	807	106600000	0.181096	0.005248691
chr11	1.07E+08	1.07E+08	1051	919	106950000	0.121254	0.042956243
chr11	1.07E+08	1.07E+08	1055	892	107100000	0.169756	0.008199119
chr11	1.07E+08	1.07E+08	940	807	107300000	0.14772	0.018297482
chr11	1.07E+08	1.08E+08	1006	850	107500000	0.170724	0.007899678
chr11	1.08E+08	1.08E+08	820	716	107800000	0.123293	0.040395189
chr11	1.08E+08	1.08E+08	848	683	108150000	0.239807	0.000364238
chr11	1.08E+08	1.08E+08	888	712	108200000	0.246311	0.000261212
chr11	1.08E+08	1.08E+08	819	691	108250000	0.172806	0.007288194
chr11	1.08E+08	1.08E+08	896	763	108350000	0.159444	0.012063275
chr11	1.08E+08	1.09E+08	1010	876	108500000	0.132981	0.02987031
chr11	1.09E+08	1.09E+08	1054	899	108750000	0.15711	0.013131274
chr11	1.09E+08	1.09E+08	1035	906	108800000	0.119676	0.045028093
chr11	1.09E+08	1.09E+08	1092	954	109250000	0.12254	0.041325914
chr11	1.09E+08	1.09E+08	957	818	109350000	0.154046	0.014657116
chr11	1.09E+08	1.09E+08	903	785	109400000	0.129662	0.033184517
chr11	1.09E+08	1.1E+08	1101	956	109500000	0.13136	0.031452324
chr11	1.1E+08	1.1E+08	938	822	110050000	0.118078	0.047207992
chr11	1.1E+08	1.1E+08	892	766	110100000	0.147328	0.018547012
chr11	1.11E+08	1.11E+08	1104	932	110950000	0.171967	0.007529486
chr11	1.12E+08	1.12E+08	879	982	111800000	-0.23223	0.000507388
chr11	1.12E+08	1.12E+08	898	933	111850000	-0.12753	0.03515419
chr11	1.12E+08	1.12E+08	984	1036	112250000	-0.14667	0.018731061
chr11	1.12E+08	1.12E+08	959	1012	112300000	-0.14998	0.016687558
chr11	1.13E+08	1.13E+08	1100	952	112850000	0.136098	0.02701305
chr11	1.13E+08	1.13E+08	1017	1079	113200000	-0.15775	0.012631371
chr11	1.13E+08	1.13E+08	1082	1153	113250000	-0.16406	0.009993026
chr11	1.13E+08	1.13E+08	1111	1165	113350000	-0.14084	0.022840925
chr11	1.14E+08	1.14E+08	1012	1072	113950000	-0.15547	0.013722027
chr11	1.14E+08	1.14E+08	1083	1141	1.14E+08	-0.14764	0.01811059
chr11	1.15E+08	1.15E+08	1087	927	114600000	0.157339	0.01302304
chr11	1.15E+08	1.15E+08	1088	1132	114900000	-0.12957	0.03297835
chr11	1.15E+08	1.15E+08	1081	1128	114950000	-0.13377	0.028831366
chr11	1.15E+08	1.15E+08	1087	1187	1.15E+08	-0.19934	0.002370565
chr11	1.15E+08	1.15E+08	1080	1146	115050000	-0.15795	0.012539122

chr11	1.15E+08	1.15E+08	1038	1083	115400000	-0.1336	0.028993666
chr11	1.16E+08	1.16E+08	1103	1163	1.16E+08	-0.14879	0.017397407
chr11	1.16E+08	1.16E+08	1090	1177	116050000	-0.18316	0.004714442
chr11	1.16E+08	1.16E+08	1082	1141	116100000	-0.14897	0.017288252
chr11	1.16E+08	1.16E+08	1052	1092	116150000	-0.12621	0.036632543
chr11	1.16E+08	1.16E+08	1034	1082	116200000	-0.13784	0.025246001
chr11	1.16E+08	1.16E+08	1006	1121	116350000	-0.22853	0.000609434
chr11	1.16E+08	1.16E+08	998	1073	116400000	-0.17691	0.006071374
chr11	1.16E+08	1.17E+08	1002	1037	116450000	-0.12191	0.041797055
chr11	1.16E+08	1.17E+08	999	1050	116500000	-0.1442	0.020384063
chr11	1.17E+08	1.17E+08	1015	1092	116550000	-0.17786	0.005843787
chr11	1.17E+08	1.17E+08	1027	1102	116600000	-0.17406	0.006798333
chr11	1.17E+08	1.17E+08	995	1050	116650000	-0.14999	0.016679153
chr11	1.17E+08	1.17E+08	910	956	117200000	-0.14352	0.020868238
chr11	1.17E+08	1.17E+08	931	991	117250000	-0.16248	0.01060639
chr11	1.17E+08	1.17E+08	1033	1117	117300000	-0.18516	0.004340868
chr11	1.17E+08	1.17E+08	1120	1224	117350000	-0.20048	0.002254823
chr11	1.17E+08	1.17E+08	1078	1132	117400000	-0.14289	0.021317719
chr11	1.18E+08	1.18E+08	1071	1119	117700000	-0.13562	0.027148823
chr11	1.18E+08	1.18E+08	1062	1110	117950000	-0.13615	0.026687396
chr11	1.18E+08	1.19E+08	910	966	118450000	-0.15853	0.012275202
chr11	1.18E+08	1.19E+08	1021	1097	118500000	-0.17595	0.006307534
chr11	1.19E+08	1.19E+08	725	633	118600000	0.123404	0.040259169
chr11	1.19E+08	1.19E+08	842	705	118650000	0.183825	0.004698799
chr11	1.19E+08	1.19E+08	936	970	118750000	-0.12385	0.039397337
chr11	1.19E+08	1.19E+08	962	1041	118800000	-0.18623	0.004151946
chr11	1.19E+08	1.19E+08	835	864	118850000	-0.12163	0.042150282
chr11	1.19E+08	1.19E+08	1008	1048	119400000	-0.12851	0.03408988
chr11	1.19E+08	1.2E+08	964	1019	119450000	-0.15242	0.015306184
chr11	1.19E+08	1.2E+08	1036	1115	119500000	-0.17839	0.005721542
chr11	1.2E+08	1.2E+08	1110	1171	119550000	-0.14955	0.01693864
chr11	1.2E+08	1.2E+08	1119	1213	119600000	-0.18874	0.003738541
chr11	1.2E+08	1.2E+08	1157	1212	119650000	-0.13937	0.023991653
chr11	1.2E+08	1.2E+08	1149	1216	119750000	-0.15414	0.014395869
chr11	1.2E+08	1.2E+08	1103	1146	119800000	-0.12755	0.035140336
chr11	1.2E+08	1.2E+08	1044	1152	1.20E+08	-0.21439	0.001199247
chr11	1.2E+08	1.2E+08	1026	1167	120050000	-0.25815	0.000131464
chr11	1.2E+08	1.2E+08	1090	1128	120100000	-0.12181	0.04191668
chr11	1.2E+08	1.21E+08	1041	1112	120450000	-0.16756	0.008751544
chr11	1.2E+08	1.21E+08	1044	1094	120500000	-0.13986	0.023602696
chr11	1.21E+08	1.21E+08	1013	1076	1.21E+08	-0.15942	0.011881415
chr11	1.21E+08	1.21E+08	981	1016	121300000	-0.12295	0.040495697
chr11	1.22E+08	1.22E+08	932	796	121700000	0.15519	0.01407062
chr11	1.22E+08	1.22E+08	1016	876	121850000	0.141526	0.022585077
chr11	1.22E+08	1.22E+08	1032	869	121900000	0.175643	0.006522528
chr11	1.22E+08	1.22E+08	1065	907	122150000	0.159307	0.012123681
chr11	1.22E+08	1.22E+08	949	997	122350000	-0.14356	0.020838898

chr11	1.22E+08	1.22E+08	835	894	122400000	-0.17087	0.007702248
chr11	1.23E+08	1.23E+08	944	809	122750000	0.150275	0.016743272
chr11	1.23E+08	1.24E+08	1040	1095	123450000	-0.14672	0.018696398
chr11	1.23E+08	1.24E+08	982	1157	123500000	-0.30897	6.59E-06
chr11	1.24E+08	1.24E+08	993	1064	123550000	-0.172	0.007369414
chr11	1.24E+08	1.24E+08	996	873	124200000	0.117792	0.047606098
chr11	1.24E+08	1.24E+08	927	811	124250000	0.120496	0.04394218
chr11	1.25E+08	1.25E+08	995	1084	124650000	-0.19597	0.002746237
chr11	1.25E+08	1.25E+08	995	1172	124700000	-0.30858	6.75E-06
chr11	1.25E+08	1.25E+08	1001	1076	124750000	-0.17661	0.006145044
chr11	1.25E+08	1.25E+08	881	919	124800000	-0.13329	0.029279428
chr11	1.25E+08	1.25E+08	911	960	124850000	-0.14796	0.017911521
chr11	1.25E+08	1.25E+08	965	1013	124900000	-0.14241	0.021669709
chr11	1.25E+08	1.25E+08	1055	1099	1.25E+08	-0.13132	0.031193303
chr11	1.25E+08	1.25E+08	1072	1168	125050000	-0.19611	0.002729738
chr11	1.25E+08	1.25E+08	1131	1173	125100000	-0.12498	0.038056573
chr11	1.25E+08	1.25E+08	1133	1169	125150000	-0.1175	0.047680145
chr11	1.25E+08	1.25E+08	1103	1189	125200000	-0.18069	0.005214662
chr11	1.25E+08	1.25E+08	1067	1161	125250000	-0.19418	0.002966669
chr11	1.25E+08	1.26E+08	1027	877	125500000	0.155416	0.013957179
chr11	1.26E+08	1.26E+08	983	834	125550000	0.164772	0.009904056
chr11	1.26E+08	1.26E+08	917	970	126150000	-0.15343	0.014762278
chr11	1.26E+08	1.26E+08	910	993	126200000	-0.1983	0.002481232
chr11	1.26E+08	1.26E+08	936	1028	126250000	-0.20763	0.001636768
chr11	1.26E+08	1.26E+08	995	1137	126300000	-0.26484	9.10E-05
chr11	1.27E+08	1.27E+08	1053	1113	126900000	-0.15232	0.015361207
chr11	1.27E+08	1.27E+08	1029	1070	1.27E+08	-0.12874	0.033849942
chr11	1.27E+08	1.27E+08	1025	1097	127050000	-0.17031	0.007871167
chr11	1.27E+08	1.27E+08	1053	1111	127100000	-0.14973	0.01683669
chr11	1.27E+08	1.27E+08	988	1040	127150000	-0.14637	0.018921795
chr11	1.27E+08	1.27E+08	930	967	127400000	-0.12866	0.03393801
chr11	1.28E+08	1.28E+08	1099	956	128300000	0.128737	0.034159942
chr11	1.29E+08	1.29E+08	1105	1168	128600000	-0.15237	0.015336224
chr11	1.29E+08	1.29E+08	1087	1157	128650000	-0.16241	0.01063296
chr11	1.29E+08	1.29E+08	1071	1133	128750000	-0.15356	0.014695678
chr11	1.29E+08	1.29E+08	1063	1135	128800000	-0.16692	0.008966848
chr11	1.29E+08	1.3E+08	1014	1055	129450000	-0.12956	0.032988828
chr11	1.3E+08	1.3E+08	1020	1075	130050000	-0.14814	0.017797026
chr11	1.3E+08	1.3E+08	928	997	130250000	-0.17584	0.006335668
chr11	1.3E+08	1.3E+08	1009	1162	130300000	-0.27606	4.82E-05
chr11	1.3E+08	1.3E+08	974	1061	130350000	-0.1958	0.002765976
chr11	1.31E+08	1.31E+08	1012	1113	131350000	-0.20962	0.001495189
chr11	1.31E+08	1.31E+08	1054	1186	131400000	-0.2426	0.000299832
chr11	1.31E+08	1.32E+08	1058	1147	131450000	-0.1889	0.003714056
chr11	1.31E+08	1.32E+08	1038	1102	131500000	-0.15869	0.012202854
chr11	1.33E+08	1.33E+08	1050	1115	132900000	-0.15903	0.01205292
chr11	1.33E+08	1.33E+08	1026	1138	132950000	-0.22184	0.00084314

chr11	1.33E+08	1.33E+08	1085	1178	133100000	-0.19102	0.003395995
chr11	1.33E+08	1.33E+08	1053	1086	133200000	-0.11689	0.048542302
chr11	1.34E+08	1.34E+08	952	1102	133750000	-0.28346	3.13E-05
chr11	1.34E+08	1.34E+08	1057	1271	133800000	-0.33836	9.49E-07
chr11	1.34E+08	1.34E+08	1078	1162	133850000	-0.18062	0.005228023
chr11	1.34E+08	1.34E+08	1006	1070	134050000	-0.16135	0.011059886
chr11	1.34E+08	1.34E+08	976	1049	134100000	-0.17643	0.006187932
chr11	1.34E+08	1.34E+08	1026	1078	134200000	-0.1437	0.020739078
chr11	1.34E+08	1.34E+08	1064	1216	134250000	-0.26502	9.01E-05
chr11	1.34E+08	1.34E+08	1077	1133	134300000	-0.1455	0.019498175
chr11	1.34E+08	1.34E+08	1033	1082	134350000	-0.13923	0.0241042
chr11	1.34E+08	1.34E+08	1025	1080	134400000	-0.14778	0.018021501
chr11	1.34E+08	1.35E+08	1020	1063	134450000	-0.13194	0.030577487
chr11	1.34E+08	1.35E+08	1045	1148	134500000	-0.20799	0.001610218
chr11	1.35E+08	1.35E+08	1058	1114	134550000	-0.14678	0.018656169
chr11	1.35E+08	1.35E+08	1057	1102	134600000	-0.13252	0.030017695
chr11	1.35E+08	1.35E+08	1042	1097	134650000	-0.14658	0.018786533
chr11	1.35E+08	1.35E+08	1006	1083	134750000	-0.17877	0.005634011
chr11	1.35E+08	1.35E+08	735	833	134800000	-0.25294	0.000174062
chr6	350001	450000	1393	1470	4.00E+05	-0.14999	0.016679153
chr6	400001	500000	995	1043	450000	-0.14034	0.023227224
chr6	550001	650000	1070	912	6.00E+05	0.158133	0.012653332
chr6	650001	750000	943	994	7.00E+05	-0.14836	0.017660714
chr6	850001	950000	948	994	9.00E+05	-0.14073	0.022927176
chr6	900001	1000000	941	977	950000	-0.12654	0.036264097
chr6	1000001	1100000	1054	1089	1050000	-0.1195	0.044929573
chr6	1300001	1400000	990	1042	1350000	-0.14623	0.019017213
chr6	1350001	1450000	962	1046	1400000	-0.19315	0.003101248
chr6	1550001	1650000	1112	1206	1600000	-0.18944	0.003629419
chr6	1600001	1700000	1058	1152	1650000	-0.19517	0.002842351
chr6	2350001	2450000	965	1000	2400000	-0.12377	0.039490338
chr6	3200001	3300000	1011	1096	3250000	-0.18884	0.003723592
chr6	3250001	3350000	1024	1129	3300000	-0.2132	0.001267453
chr6	3550001	3650000	1024	1100	3600000	-0.17566	0.006381359
chr6	3650001	3750000	1041	1077	3700000	-0.12142	0.042414522
chr6	3800001	3900000	1001	1057	3850000	-0.15091	0.016151263
chr6	3850001	3950000	980	1023	3900000	-0.13432	0.028320796
chr6	3950001	4050000	1021	879	4.00E+06	0.143676	0.021009258
chr6	4600001	4700000	1105	957	4650000	0.135084	0.027916625
chr6	4950001	5050000	864	894	5.00E+06	-0.12162	0.042165053
chr6	5100001	5200000	1032	1093	5150000	-0.15522	0.01384405
chr6	5150001	5250000	1026	1058	5200000	-0.11668	0.048842444
chr6	5750001	5850000	823	876	5800000	-0.16241	0.010632359
chr6	5800001	5900000	733	764	5850000	-0.13213	0.030394938
chr6	5950001	6050000	983	1024	6.00E+06	-0.13132	0.031189317
chr6	6100001	6200000	921	962	6150000	-0.13521	0.027519466
chr6	6150001	6250000	918	956	6200000	-0.13089	0.031625515

chr6	7300001	7400000	972	820	7350000	0.172961	0.007244491
chr6	7350001	7450000	942	797	7400000	0.168776	0.008512378
chr6	7650001	7750000	1033	1080	7700000	-0.13656	0.026326744
chr6	7850001	7950000	962	996	7900000	-0.12248	0.041074206
chr6	7900001	8000000	876	906	7950000	-0.12095	0.043017082
chr6	8200001	8300000	1031	881	8250000	0.154459	0.014443236
chr6	8600001	8700000	1014	865	8650000	0.156914	0.013224701
chr6	8750001	8850000	974	850	8800000	0.124087	0.039431173
chr6	8900001	9000000	999	863	8950000	0.138752	0.024764407
chr6	8950001	9050000	986	852	9.00E+06	0.138362	0.025084531
chr6	9200001	9300000	996	833	9250000	0.185457	0.004395076
chr6	9250001	9350000	1025	856	9300000	0.187569	0.004028262
chr6	9700001	9800000	1055	904	9750000	0.150477	0.016625868
chr6	9750001	9850000	1039	881	9800000	0.16561	0.009597374
chr6	9900001	10000000	892	935	9950000	-0.14029	0.023264622
chr6	10100001	10200000	1044	916	10150000	0.11633	0.049687482
chr6	10350001	10450000	981	1083	10400000	-0.21508	0.001161278
chr6	10400001	10500000	982	1056	10450000	-0.17719	0.006004657
chr6	10450001	10550000	883	917	10500000	-0.12688	0.035877732
chr6	10800001	10900000	823	896	10850000	-0.19498	0.002866352
chr6	10850001	10950000	858	888	10900000	-0.12195	0.041735557
chr6	11000001	11100000	883	912	11050000	-0.11899	0.045616045
chr6	11050001	11150000	841	921	11100000	-0.20347	0.001974451
chr6	11100001	11200000	960	990	11150000	-0.11677	0.048720327
chr6	11450001	11550000	965	845	11500000	0.119206	0.045660803
chr6	11850001	11950000	993	863	11900000	0.130061	0.032769848
chr6	11900001	12000000	1024	878	11950000	0.149551	0.017171892
chr6	12350001	12450000	1131	935	12400000	0.202189	0.00215699
chr6	12400001	12500000	1102	889	12450000	0.237497	0.000409165
chr6	13200001	13300000	991	1023	13250000	-0.11822	0.046672848
chr6	13250001	13350000	942	1019	13300000	-0.18573	0.004240185
chr6	13300001	13400000	906	1004	13350000	-0.22055	0.000896958
chr6	14050001	14150000	1062	920	14100000	0.134706	0.028259272
chr6	14200001	14300000	1126	978	14250000	0.130929	0.031885075
chr6	14500001	14600000	983	1039	14550000	-0.1523	0.015369856
chr6	14550001	14650000	1008	1060	14600000	-0.14494	0.019877277
chr6	14850001	14950000	1015	885	14900000	0.125359	0.037927816
chr6	15000001	15100000	926	799	15050000	0.140445	0.023414338
chr6	15050001	15150000	918	792	15100000	0.140622	0.023276788
chr6	16300001	16400000	958	999	16350000	-0.13283	0.029720001
chr6	16350001	16450000	985	1020	16400000	-0.12275	0.040745172
chr6	16600001	16700000	982	815	16650000	0.196551	0.002756625
chr6	16850001	16950000	879	957	16900000	-0.19503	0.002860241
chr6	16900001	17000000	992	1023	16950000	-0.11677	0.048720327
chr6	17000001	17100000	961	837	17050000	0.126937	0.036127101
chr6	17050001	17150000	896	763	17100000	0.159444	0.012063275
chr6	17100001	17200000	975	841	17150000	0.140925	0.023043185

chr6	17150001	17250000	981	853	17200000	0.129336	0.033525759
chr6	17500001	17600000	916	802	17550000	0.119374	0.045434248
chr6	17800001	17900000	933	796	17850000	0.156737	0.013309448
chr6	17850001	17950000	991	838	17900000	0.169563	0.008259856
chr6	18200001	18300000	951	827	18250000	0.129186	0.033683122
chr6	18700001	18800000	997	872	18750000	0.120894	0.043422635
chr6	18850001	18950000	948	828	18900000	0.122885	0.040897625
chr6	19200001	19300000	844	716	19250000	0.164912	0.009852441
chr6	19250001	19350000	970	848	19300000	0.121549	0.042578193
chr6	19300001	19400000	1027	892	19350000	0.130949	0.031864797
chr6	20000001	20100000	969	1013	20050000	-0.13644	0.026435297
chr6	20050001	20150000	969	1002	20100000	-0.12069	0.043362956
chr6	20350001	20450000	1047	878	20400000	0.181597	0.005143748
chr6	20400001	20500000	970	820	20450000	0.169989	0.008126014
chr6	21350001	21450000	983	818	21400000	0.192719	0.003246521
chr6	21650001	21750000	867	758	21700000	0.121462	0.042688714
chr6	22000001	22100000	1079	918	22050000	0.160757	0.011496239
chr6	22150001	22250000	857	894	22200000	-0.13335	0.029225865
chr6	22450001	22550000	996	863	22500000	0.134413	0.02852744
chr6	22700001	22800000	1068	903	22750000	0.169742	0.008203404
chr6	22750001	22850000	1053	883	22800000	0.181648	0.005133054
chr6	23950001	24050000	1007	857	2.40E+07	0.160325	0.011680266
chr6	24650001	24750000	918	805	24700000	0.117134	0.048535119
chr6	24700001	24800000	986	852	24750000	0.138362	0.025084531
chr6	26000001	26100000	1004	880	26050000	0.117812	0.047578463
chr6	26050001	26150000	966	823	26100000	0.158759	0.012368579
chr6	26700001	26800000	117	129	26750000	-0.21323	0.001265528
chr6	26850001	26950000	92	74	26900000	0.241737	0.000330272
chr6	27650001	27750000	911	787	27700000	0.138716	0.024794392
chr6	27850001	27950000	1004	830	27900000	0.202204	0.002155531
chr6	27900001	28000000	986	846	27950000	0.148558	0.017774733
chr6	28300001	28400000	945	978	28350000	-0.12189	0.041813819
chr6	28600001	28700000	929	808	28650000	0.128952	0.0339316
chr6	28700001	28800000	804	832	28750000	-0.12176	0.041981267
chr6	29500001	29600000	1026	1119	29550000	-0.19755	0.00256362
chr6	30550001	30650000	858	886	30600000	-0.1187	0.046012981
chr6	30600001	30700000	867	940	30650000	-0.189	0.003697995
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chr6	30800001	30900000	1002	1061	30850000	-0.15491	0.013998804
chr6	30850001	30950000	1043	1086	30900000	-0.13066	0.031859224
chr6	31250001	31350000	800	827	31300000	-0.12026	0.043921849
chr6	31300001	31400000	760	825	31350000	-0.19077	0.003432174
chr6	31350001	31450000	796	879	31400000	-0.21547	0.00114047
chr6	31400001	31500000	746	898	31450000	-0.33991	8.53E-07
chr6	31450001	31550000	835	935	31500000	-0.23556	0.000429411
chr6	31600001	31700000	1013	1045	31650000	-0.11724	0.048044665
chr6	31750001	31850000	812	840	31800000	-0.12128	0.04259223

chr6	32000001	32100000	869	910	32050000	-0.13888	0.024386218
chr6	32050001	32150000	995	1092	32100000	-0.20658	0.001716954
chr6	32100001	32200000	967	1016	32150000	-0.14368	0.020748856
chr6	32350001	32450000	808	864	32400000	-0.16905	0.008265076
chr6	32400001	32500000	439	501	32450000	-0.26296	0.000100946
chr6	32500001	32600000	423	361	32550000	0.156287	0.013526988
chr6	32600001	32700000	590	497	32650000	0.175097	0.006664021
chr6	33250001	33350000	731	808	33300000	-0.21686	0.001068482
chr6	33300001	33400000	784	841	33350000	-0.17362	0.006916053
chr6	33350001	33450000	979	1035	33400000	-0.15262	0.015197017
chr6	33500001	33600000	828	941	33550000	-0.25694	0.000140393
chr6	33550001	33650000	1013	1135	33600000	-0.23643	0.000411003
chr6	33600001	33700000	1130	1226	33650000	-0.19001	0.003544164
chr6	33650001	33750000	1164	1246	33700000	-0.17058	0.007788151
chr6	33700001	33800000	1159	1202	33750000	-0.12493	0.038112575
chr6	33950001	34050000	1151	1328	3.40E+07	-0.27874	4.13E-05
chr6	34000001	34100000	1147	1355	34050000	-0.3128	5.16E-06
chr6	34050001	34150000	1063	1197	34100000	-0.24365	0.000283939
chr6	34100001	34200000	899	962	34150000	-0.17009	0.007939715
chr6	34150001	34250000	791	845	34200000	-0.16765	0.008722473
chr6	34200001	34300000	811	845	34250000	-0.13162	0.030894967
chr6	34450001	34550000	1099	1142	34500000	-0.12774	0.034924595
chr6	34600001	34700000	868	760	34650000	0.119324	0.045501322
chr6	34850001	34950000	1009	871	34900000	0.13981	0.023913484
chr6	34900001	35000000	990	851	34950000	0.145898	0.019480172
chr6	35200001	35300000	950	1036	35250000	-0.1974	0.002580971
chr6	35250001	35350000	901	957	35300000	-0.15936	0.011904224
chr6	35450001	35550000	905	942	35500000	-0.13018	0.032343889
chr6	35500001	35600000	845	881	35550000	-0.13256	0.029977404
chr6	35800001	35900000	948	823	35850000	0.131623	0.031191267
chr6	36150001	36250000	1039	1100	36200000	-0.15468	0.014117407
chr6	36200001	36300000	1016	1170	36250000	-0.27598	4.84E-05
chr6	36250001	36350000	1018	1129	36300000	-0.22168	0.000849709
chr6	36550001	36650000	873	921	36600000	-0.14959	0.016916007
chr6	36600001	36700000	954	1012	36650000	-0.15752	0.012736529
chr6	36700001	36800000	1134	1172	36750000	-0.11992	0.044365328
chr6	36750001	36850000	1084	1123	36800000	-0.12336	0.039983227
chr6	36800001	36900000	996	1058	36850000	-0.15949	0.011847295
chr6	36900001	37000000	1068	1120	36950000	-0.14096	0.022752196
chr6	36950001	37050000	989	1030	3.70E+07	-0.13097	0.031539619
chr6	37550001	37650000	1105	1144	37600000	-0.12241	0.041159296
chr6	37600001	37700000	1048	1093	37650000	-0.13303	0.029533478
chr6	37650001	37750000	992	1025	37700000	-0.11958	0.044818634
chr6	38550001	38650000	928	968	38600000	-0.13325	0.029317775
chr6	38650001	38750000	998	855	38700000	0.150744	0.016471091
chr6	39100001	39200000	1015	1079	39150000	-0.16059	0.011378446
chr6	39150001	39250000	1027	1063	39200000	-0.12208	0.041579892

chr6	39250001	39350000	1095	1150	39300000	-0.14307	0.021183443
chr6	39350001	39450000	961	993	39400000	-0.11963	0.044757893
chr6	39400001	39500000	900	946	39450000	-0.14429	0.020326749
chr6	40050001	40150000	1070	1139	40100000	-0.16253	0.010585378
chr6	40100001	40200000	1069	1132	40150000	-0.15498	0.013963556
chr6	40400001	40500000	1132	1186	40450000	-0.1396	0.023809107
chr6	40450001	40550000	1113	1162	40500000	-0.13453	0.028134022
chr6	40650001	40750000	1135	1172	40700000	-0.11865	0.046079712
chr6	40700001	40800000	1107	1159	40750000	-0.1386	0.024618009
chr6	40750001	40850000	1032	1090	40800000	-0.15126	0.015951634
chr6	40800001	40900000	1041	1128	40850000	-0.18817	0.003829498
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chr6	41000001	41100000	986	1026	41050000	-0.12974	0.032795634
chr6	41300001	41400000	1083	1124	41350000	-0.12598	0.036893851
chr6	41350001	41450000	1082	1132	41400000	-0.13755	0.025489538
chr6	41400001	41500000	1081	1147	41450000	-0.15787	0.012574409
chr6	41450001	41550000	1095	1158	41500000	-0.15308	0.014952708
chr6	41500001	41600000	1038	1130	41550000	-0.19489	0.0028775
chr6	41550001	41650000	1034	1172	41600000	-0.25311	0.00017254
chr6	41600001	41700000	1108	1166	41650000	-0.14598	0.019178509
chr6	42550001	42650000	958	833	42600000	0.129337	0.033523903
chr6	43050001	43150000	985	1039	43100000	-0.14937	0.017046732
chr6	43100001	43200000	987	1074	43150000	-0.19424	0.002958487
chr6	43150001	43250000	1078	1122	43200000	-0.13009	0.032440146
chr6	43200001	43300000	1072	1112	43250000	-0.12522	0.037767055
chr6	43450001	43550000	905	958	43500000	-0.15448	0.014219346
chr6	43700001	43800000	1134	1235	43750000	-0.19546	0.002807037
chr6	43750001	43850000	1158	1258	43800000	-0.19187	0.003275145
chr6	43800001	43900000	1148	1242	43850000	-0.18591	0.004207315
chr6	43900001	44000000	1106	1143	43950000	-0.11985	0.044468861
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chr6	44050001	44150000	1002	1069	44100000	-0.16575	0.009375571
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chr6	44400001	44500000	1051	1123	44450000	-0.16797	0.008615654
chr6	44450001	44550000	1082	1129	44500000	-0.13372	0.028883181
chr6	44500001	44600000	1032	1092	44550000	-0.1539	0.014517508
chr6	44550001	44650000	1028	1085	44600000	-0.15023	0.01654246
chr6	44700001	44800000	918	787	44750000	0.149759	0.017048058
chr6	44750001	44850000	986	809	44800000	0.213076	0.001322213
chr6	45050001	45150000	939	802	45100000	0.155151	0.014090085
chr6	45200001	45300000	885	768	45250000	0.132199	0.030624623
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chr6	46050001	46150000	969	849	46100000	0.11836	0.046816515
chr6	46100001	46200000	1006	821	46150000	0.220804	0.000922521
chr6	46150001	46250000	1049	918	46200000	0.120077	0.044494381
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chr6	47500001	47600000	1018	829	47550000	0.223922	0.000795497
chr6	47550001	47650000	1001	815	47600000	0.224198	0.00078505
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chr6	48300001	48400000	971	834	48350000	0.147052	0.01872371
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chr6	49200001	49300000	942	811	49250000	0.143653	0.021025359
chr6	49250001	49350000	996	830	49300000	0.190663	0.003540577
chr6	49500001	49600000	923	800	49550000	0.133959	0.028947918
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chr6	49750001	49850000	991	865	49800000	0.123813	0.039761452
chr6	50550001	50650000	902	789	50600000	0.12073	0.043635146
chr6	50600001	50700000	1037	885	50650000	0.156295	0.013523235
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chr6	51150001	51250000	1020	879	51200000	0.142262	0.022034439
chr6	51200001	51300000	1039	860	51250000	0.200415	0.002331424
chr6	51450001	51550000	1043	881	51500000	0.171153	0.007769908
chr6	51500001	51600000	1016	854	51550000	0.178221	0.00588972
chr6	51550001	51650000	1065	927	51600000	0.12784	0.035128523
chr6	51650001	51750000	879	906	51700000	-0.11602	0.049797959
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chr6	52600001	52700000	549	566	52650000	-0.11637	0.049293039
chr6	52750001	52850000	875	763	52800000	0.125228	0.038079817
chr6	52900001	53000000	1059	858	52950000	0.231281	0.000556973
chr6	52950001	53050000	963	812	5.30E+07	0.173684	0.007043069
chr6	53850001	53950000	986	828	53900000	0.179585	0.005577364
chr6	53900001	54000000	1080	886	53950000	0.213281	0.001309839
chr6	53950001	54050000	1135	917	5.40E+07	0.235327	0.00045603
chr6	54000001	54100000	1037	894	54050000	0.141697	0.022455797
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chr6	54250001	54350000	989	840	54300000	0.163209	0.010499228
chr6	54350001	54450000	950	817	54400000	0.14522	0.019936409
chr6	54550001	54650000	1013	886	54600000	0.120884	0.043435369
chr6	54850001	54950000	1008	863	54900000	0.151691	0.015931779
chr6	54900001	55000000	887	774	54950000	0.124229	0.039261364
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chr6	55000001	55100000	955	836	55050000	0.119626	0.045095063
chr6	55250001	55350000	1075	938	55300000	0.124305	0.039170124
chr6	55300001	55400000	1062	881	55350000	0.197198	0.002680876
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chr6	55900001	56000000	1020	864	55950000	0.167094	0.009074417
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chr6	56000001	56100000	975	823	56050000	0.172138	0.00747963
chr6	56600001	56700000	957	833	56650000	0.127831	0.035139186
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chr6	57650001	57750000	455	469	57700000	-0.11609	0.04969099
chr6	57800001	57900000	198	155	57850000	0.28086	3.95E-05
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chr6	58100001	58200000	94	104	58150000	-0.21822	0.001001743
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chr6	58200001	58300000	66	71	58250000	-0.17772	0.005876707
chr6	58350001	58450000	208	166	58400000	0.253029	0.000183869
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chr6	58550001	58650000	314	337	58600000	-0.17436	0.006719411
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chr6	61800001	61900000	134	147	61850000	-0.20595	0.001765816
chr6	62100001	62200000	215	170	62150000	0.26643	8.92E-05
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chr6	62450001	62550000	958	834	62500000	0.127607	0.035384881
chr6	62650001	62750000	1034	879	62700000	0.161929	0.011009786
chr6	62850001	62950000	1029	901	62900000	0.119272	0.045571064
chr6	63100001	63200000	990	849	63150000	0.149292	0.01732737
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chr6	63400001	63500000	1020	858	63450000	0.177148	0.006146151
chr6	63600001	63700000	990	816	63650000	0.206488	0.00178238
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chr6	64750001	64850000	978	858	64800000	0.116485	0.049463965
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chr6	65000001	65100000	900	780	65050000	0.134079	0.028836197
chr6	65200001	65300000	976	799	65250000	0.216314	0.001138572
chr6	65250001	65350000	916	759	65300000	0.198876	0.00249311
chr6	65350001	65450000	954	775	65400000	0.227421	0.000672265
chr6	65400001	65500000	1003	853	65450000	0.161332	0.011255285
chr6	65500001	65600000	1053	893	65550000	0.165402	0.009672871
chr6	65750001	65850000	1047	908	65800000	0.133125	0.029732312
chr6	65800001	65900000	1011	873	65850000	0.139358	0.024274235
chr6	65850001	65950000	1059	901	65900000	0.160732	0.01150691
chr6	66050001	66150000	1001	868	66100000	0.133303	0.029563513
chr6	66100001	66200000	996	835	66150000	0.181998	0.005061014
chr6	66150001	66250000	950	830	66200000	0.122444	0.041445259
chr6	66250001	66350000	919	802	66300000	0.124091	0.039426736
chr6	66400001	66500000	996	863	66450000	0.134413	0.02852744
chr6	66550001	66650000	960	823	66600000	0.14977	0.017041248
chr6	66600001	66700000	971	807	66650000	0.194531	0.00300585

chr6	66950001	67050000	968	802	6.70E+07	0.199033	0.002476155
chr6	67100001	67200000	1020	884	67150000	0.134079	0.028836197
chr6	67400001	67500000	1045	888	67450000	0.1625	0.010779726
chr6	67450001	67550000	1039	853	67500000	0.212206	0.001375989
chr6	67850001	67950000	991	826	67900000	0.190372	0.003584097
chr6	67900001	68000000	945	812	67950000	0.146463	0.019106642
chr6	68000001	68100000	1000	873	68050000	0.123575	0.040050748
chr6	68150001	68250000	966	818	68200000	0.167551	0.008918716
chr6	68200001	68300000	1004	813	68250000	0.23206	0.000536055
chr6	68250001	68350000	995	789	68300000	0.262299	0.000111817
chr6	68300001	68400000	1030	808	68350000	0.277845	4.70E-05
chr6	68350001	68450000	1005	825	68400000	0.212358	0.001366484
chr6	69150001	69250000	940	773	69200000	0.209821	0.001533912
chr6	69200001	69300000	994	853	69250000	0.148328	0.017916857
chr6	69300001	69400000	928	811	69350000	0.122051	0.041939657
chr6	69350001	69450000	1001	854	69400000	0.156762	0.013297279
chr6	69400001	69500000	980	852	69450000	0.129557	0.033294148
chr6	69600001	69700000	1054	906	69650000	0.14592	0.019465172
chr6	69850001	69950000	1078	899	69900000	0.189592	0.003702945
chr6	69900001	70000000	1025	892	69950000	0.128137	0.034806199
chr6	70600001	70700000	1070	930	70650000	0.129936	0.032899008
chr6	70650001	70750000	982	840	70700000	0.152962	0.0152327
chr6	70900001	71000000	1026	895	70950000	0.124699	0.038701322
chr6	70950001	71050000	915	767	7.10E+07	0.182173	0.005025151
chr6	71100001	71200000	1042	833	71150000	0.250595	0.000208994
chr6	71150001	71250000	947	788	71200000	0.192797	0.003235783
chr6	72100001	72200000	1104	926	72150000	0.181284	0.005209071
chr6	72150001	72250000	1103	924	72200000	0.183096	0.004840404
chr6	72300001	72400000	1120	939	72350000	0.18193	0.005074936
chr6	72350001	72450000	1099	946	72400000	0.143908	0.020845301
chr6	72450001	72550000	878	753	72500000	0.149199	0.017383451
chr6	72700001	72800000	1024	880	72750000	0.146269	0.019234364
chr6	72750001	72850000	989	846	72800000	0.152941	0.01524395
chr6	72900001	73000000	1050	911	72950000	0.132495	0.030337783
chr6	73100001	73200000	896	933	73150000	-0.13075	0.031764765
chr6	73250001	73350000	954	833	73300000	0.123301	0.040384839
chr6	73300001	73400000	1023	883	73350000	0.139949	0.023803287
chr6	73350001	73450000	1042	886	73400000	0.161605	0.011142582
chr6	73450001	73550000	1025	892	73500000	0.128137	0.034806199
chr6	73500001	73600000	977	857	73550000	0.116692	0.049166628
chr6	74000001	74100000	858	709	74050000	0.20282	0.002097818
chr6	74300001	74400000	842	729	74350000	0.13553	0.027516435
chr6	74350001	74450000	948	799	74400000	0.17432	0.006870298
chr6	74800001	74900000	969	829	74850000	0.152753	0.01534592
chr6	74850001	74950000	943	748	74900000	0.261848	0.000114599
chr6	74900001	75000000	940	767	74950000	0.221062	0.000911338
chr6	75000001	75100000	873	762	75050000	0.123819	0.039754521

chr6	75400001	75500000	977	833	75450000	0.15767	0.012867693
chr6	75450001	75550000	910	790	75500000	0.131642	0.031172194
chr6	75550001	75650000	961	838	75600000	0.125214	0.0380959
chr6	75600001	75700000	986	864	75650000	0.118185	0.047059721
chr6	76000001	76100000	1035	879	76050000	0.163324	0.010454584
chr6	76550001	76650000	983	835	76600000	0.163043	0.010564237
chr6	77400001	77500000	897	767	77450000	0.15351	0.014939588
chr6	77450001	77550000	916	802	77500000	0.119374	0.045434248
chr6	77600001	77700000	902	747	77650000	0.199647	0.002410848
chr6	77650001	77750000	952	785	77700000	0.205897	0.00183005
chr6	77700001	77800000	928	807	77750000	0.129184	0.033685106
chr6	77850001	77950000	989	848	77900000	0.149534	0.017181833
chr6	78050001	78150000	1042	868	78100000	0.191217	0.003459085
chr6	78100001	78200000	1073	921	78150000	0.148005	0.018118263
chr6	78350001	78450000	776	679	78400000	0.120273	0.044234652
chr6	78400001	78500000	771	656	78450000	0.160663	0.011535943
chr6	78550001	78650000	899	759	78600000	0.171849	0.007563696
chr6	79450001	79550000	813	667	79500000	0.213197	0.001314909
chr6	79500001	79600000	811	709	79550000	0.121545	0.042583558
chr6	79650001	79750000	1000	857	79700000	0.150261	0.016751625
chr6	79750001	79850000	990	1027	79800000	-0.12531	0.037669475
chr6	79900001	80000000	943	793	79950000	0.177565	0.006045249
chr6	79950001	80050000	900	712	8.00E+07	0.265676	9.29E-05
chr6	80000001	80100000	851	703	80050000	0.203263	0.002057238
chr6	80850001	80950000	1060	887	80900000	0.184686	0.004536273
chr6	81000001	81100000	930	771	81050000	0.198128	0.002575275
chr6	81050001	81150000	885	733	81100000	0.199492	0.002427168
chr6	81200001	81300000	893	757	81250000	0.165995	0.009459189
chr6	81450001	81550000	839	701	81500000	0.186885	0.004144078
chr6	81500001	81600000	818	696	81550000	0.160642	0.011545067
chr6	81550001	81650000	886	758	81600000	0.152737	0.015354457
chr6	81600001	81700000	1043	835	81650000	0.248519	0.000232935
chr6	81650001	81750000	1049	847	81700000	0.236209	0.000436408
chr6	81700001	81800000	975	786	81750000	0.238501	0.000389037
chr6	81750001	81850000	927	779	81800000	0.178574	0.005807316
chr6	81800001	81900000	956	819	81850000	0.150775	0.016452762
chr6	82150001	82250000	966	819	82200000	0.165788	0.009533289
chr6	82200001	82300000	940	803	82250000	0.154889	0.014222882
chr6	82850001	82950000	912	788	82900000	0.138466	0.024998822
chr6	83150001	83250000	919	778	83200000	0.167923	0.008793434
chr6	83200001	83300000	857	747	83250000	0.125815	0.037399524
chr6	83250001	83350000	892	752	83300000	0.173939	0.006973291
chr6	83300001	83400000	1006	822	83350000	0.219048	0.001002067
chr6	84050001	84150000	944	813	84100000	0.14316	0.021378859
chr6	84100001	84200000	951	795	84150000	0.186119	0.004277133
chr6	84150001	84250000	925	789	84200000	0.157056	0.013156822
chr6	84600001	84700000	889	770	84650000	0.134953	0.028034729

chr6	85150001	85250000	979	853	85200000	0.126391	0.036741519
chr6	85450001	85550000	981	848	85500000	0.137817	0.025538113
chr6	85500001	85600000	968	766	85550000	0.265291	9.49E-05
chr6	85550001	85650000	1050	875	85600000	0.190663	0.003540577
chr6	85650001	85750000	893	934	85700000	-0.13713	0.025837106
chr6	85850001	85950000	904	793	85900000	0.11663	0.049254943
chr6	85900001	86000000	922	804	85950000	0.125199	0.038113349
chr6	86000001	86100000	732	760	86050000	-0.12653	0.036273189
chr6	86300001	86400000	865	902	86350000	-0.1328	0.029750333
chr6	86700001	86800000	722	630	86750000	0.124275	0.03920577
chr6	86900001	87000000	861	734	86950000	0.157861	0.012778834
chr6	87300001	87400000	695	725	87350000	-0.13334	0.02923681
chr6	87400001	87500000	927	765	87450000	0.204738	0.001927047
chr6	87450001	87550000	978	784	87500000	0.246609	0.000257213
chr6	87550001	87650000	767	660	87600000	0.144389	0.020507938
chr6	87600001	87700000	944	816	87650000	0.137846	0.025513958
chr6	88050001	88150000	964	838	88100000	0.129711	0.033132874
chr6	88750001	88850000	1062	931	88800000	0.117559	0.047933617
chr6	89650001	89750000	861	748	89700000	0.130603	0.032214773
chr6	89700001	89800000	914	745	89750000	0.222582	0.00084797
chr6	89750001	89850000	883	770	89800000	0.125183	0.038132347
chr6	90750001	90850000	956	1006	90800000	-0.14592	0.019219604
chr6	90900001	91000000	1119	980	90950000	0.118985	0.045960944
chr6	91450001	91550000	1090	956	91500000	0.116874	0.048905446
chr6	92200001	92300000	1081	938	92250000	0.132335	0.030492643
chr6	92350001	92450000	1047	856	92400000	0.218207	0.001042369
chr6	92400001	92500000	1048	901	92450000	0.145668	0.019633735
chr6	92450001	92550000	1033	889	92500000	0.144213	0.020630509
chr6	92500001	92600000	984	852	92550000	0.135433	0.027602667
chr6	92700001	92800000	1024	863	92750000	0.174411	0.006845681
chr6	92750001	92850000	1007	870	92800000	0.138605	0.024885301
chr6	92800001	92900000	1037	897	92850000	0.136864	0.026347187
chr6	93000001	93100000	1053	887	93050000	0.175128	0.006656089
chr6	93050001	93150000	1033	837	93100000	0.231169	0.000560051
chr6	93700001	93800000	932	813	93750000	0.124703	0.03869723
chr6	93750001	93850000	1015	885	93800000	0.125359	0.037927816
chr6	93800001	93900000	995	869	93850000	0.122969	0.040793705
chr6	94350001	94450000	909	995	94400000	-0.20279	0.002035179
chr6	94450001	94550000	976	832	94500000	0.157926	0.01274899
chr6	94600001	94700000	1069	937	94650000	0.117769	0.047638557
chr6	94700001	94800000	1059	922	94750000	0.127492	0.03551075
chr6	94750001	94850000	1081	918	94800000	0.163429	0.010413881
chr6	94900001	95000000	950	786	94950000	0.201026	0.002269923
chr6	94950001	95050000	1026	882	9.50E+07	0.145808	0.019539702
chr6	95300001	95400000	1019	862	95350000	0.169023	0.008432469
chr6	95350001	95450000	1004	833	95400000	0.196999	0.002703972
chr6	95400001	95500000	932	767	95450000	0.208732	0.001611371

chr6	95650001	95750000	240	199	95700000	0.197894	0.002601471
chr6	95750001	95850000	168	186	95800000	-0.21921	0.000955804
chr6	95850001	95950000	900	772	95900000	0.148952	0.017533273
chr6	95950001	96050000	1029	898	9.60E+07	0.124084	0.039435136
chr6	96100001	96200000	983	842	96150000	0.150999	0.016324018
chr6	96150001	96250000	949	773	96200000	0.223568	0.000809057
chr6	96200001	96300000	940	746	96250000	0.261113	0.000119261
chr6	96250001	96350000	954	777	96300000	0.223703	0.000803859
chr6	96300001	96400000	971	814	96350000	0.182071	0.005046088
chr6	96350001	96450000	975	802	96400000	0.209428	0.00156142
chr6	96400001	96500000	1024	851	96450000	0.194613	0.002995344
chr6	96450001	96550000	1047	865	96500000	0.203118	0.002070462
chr6	96600001	96700000	950	829	96650000	0.124184	0.039315413
chr6	97650001	97750000	1060	902	97700000	0.160493	0.011608285
chr6	98000001	98100000	1016	871	98050000	0.149784	0.017033046
chr6	98250001	98350000	1072	938	98300000	0.120273	0.044234652
chr6	98400001	98500000	998	867	98450000	0.130636	0.032181366
chr6	98450001	98550000	932	791	98500000	0.16428	0.010088067
chr6	98650001	98750000	1008	861	98700000	0.155039	0.014146904
chr6	99100001	99200000	918	955	99150000	-0.12938	0.033175562
chr6	99300001	99400000	1005	862	99350000	0.149064	0.017465439
chr6	99550001	99650000	922	965	99600000	-0.13813	0.024998612
chr6	99900001	1E+08	937	813	99950000	0.132422	0.030408184
chr6	99950001	1E+08	987	833	1.00E+08	0.172362	0.007414999
chr6	1E+08	1E+08	1017	886	100050000	0.126569	0.036540213
chr6	1E+08	1E+08	999	843	100350000	0.17258	0.007352388
chr6	1E+08	1E+08	960	794	100400000	0.201524	0.002220978
chr6	1E+08	1.01E+08	905	789	100450000	0.125521	0.037739537
chr6	1.01E+08	1.01E+08	1138	939	100700000	0.204932	0.001910504
chr6	1.01E+08	1.01E+08	1110	943	100750000	0.162858	0.010637198
chr6	1.01E+08	1.01E+08	1079	864	101100000	0.24822	0.000236593
chr6	1.01E+08	1.01E+08	1081	924	101150000	0.15403	0.014665634
chr6	1.01E+08	1.01E+08	1064	908	101250000	0.156362	0.013490446
chr6	1.02E+08	1.02E+08	989	851	101900000	0.14444	0.020472574
chr6	1.02E+08	1.02E+08	975	838	101950000	0.14608	0.019358834
chr6	1.02E+08	1.02E+08	1033	878	102050000	0.162176	0.0109099
chr6	1.02E+08	1.02E+08	1044	912	102100000	0.122644	0.041195906
chr6	1.02E+08	1.02E+08	1113	881	102150000	0.264868	9.72E-05
chr6	1.02E+08	1.02E+08	1039	778	102200000	0.344982	6.93E-07
chr6	1.02E+08	1.02E+08	1003	849	102250000	0.168113	0.00872996
chr6	1.02E+08	1.02E+08	1086	911	102300000	0.181129	0.005241728
chr6	1.02E+08	1.02E+08	1082	893	102350000	0.204597	0.001939173
chr6	1.02E+08	1.02E+08	1094	921	102400000	0.175968	0.0064396
chr6	1.02E+08	1.03E+08	1092	940	102450000	0.143868	0.020872919
chr6	1.02E+08	1.03E+08	1007	872	102500000	0.135292	0.027729244
chr6	1.03E+08	1.03E+08	1044	911	102800000	0.124227	0.039263502
chr6	1.03E+08	1.03E+08	1060	865	102850000	0.22092	0.000917475

chr6	1.03E+08	1.03E+08	1037	844	102900000	0.224729	0.00076534
chr6	1.03E+08	1.03E+08	1016	817	102950000	0.242121	0.000323879
chr6	1.03E+08	1.03E+08	1011	845	1.03E+08	0.186388	0.004229922
chr6	1.03E+08	1.03E+08	966	801	103150000	0.197849	0.002606542
chr6	1.03E+08	1.03E+08	857	741	103250000	0.13745	0.025847401
chr6	1.03E+08	1.03E+08	962	784	103300000	0.222811	0.000838761
chr6	1.03E+08	1.03E+08	970	848	103350000	0.121549	0.042578193
chr6	1.04E+08	1.04E+08	1047	864	103550000	0.204786	0.001922886
chr6	1.04E+08	1.04E+08	1103	877	103600000	0.258412	0.000137993
chr6	1.04E+08	1.04E+08	971	818	103650000	0.174999	0.006689884
chr6	1.04E+08	1.04E+08	893	745	103700000	0.189048	0.003788083
chr6	1.04E+08	1.04E+08	1010	840	103850000	0.193522	0.003137736
chr6	1.04E+08	1.04E+08	969	834	103900000	0.144078	0.020725606
chr6	1.04E+08	1.04E+08	936	804	104050000	0.146941	0.018795257
chr6	1.04E+08	1.04E+08	999	775	104100000	0.293917	1.84E-05
chr6	1.04E+08	1.04E+08	902	773	104150000	0.150287	0.016736329
chr6	1.04E+08	1.04E+08	934	814	104200000	0.126022	0.03716225
chr6	1.04E+08	1.04E+08	1031	857	104250000	0.194305	0.003034882
chr6	1.04E+08	1.04E+08	1033	832	104300000	0.239813	0.000364125
chr6	1.04E+08	1.04E+08	1034	866	104350000	0.183425	0.004775983
chr6	1.04E+08	1.04E+08	1032	897	104400000	0.129891	0.032945713
chr6	1.05E+08	1.05E+08	928	982	105100000	-0.15397	0.014481978
chr6	1.05E+08	1.05E+08	859	748	105250000	0.127248	0.035780667
chr6	1.05E+08	1.05E+08	914	698	105300000	0.316595	4.52E-06
chr6	1.05E+08	1.05E+08	959	809	105350000	0.173019	0.007227962
chr6	1.05E+08	1.06E+08	919	805	105450000	0.118704	0.046343532
chr6	1.06E+08	1.06E+08	1046	915	106350000	0.120667	0.043717297
chr6	1.07E+08	1.07E+08	884	921	106700000	-0.13153	0.030988501
chr6	1.07E+08	1.07E+08	1011	873	106850000	0.139358	0.024274235
chr6	1.07E+08	1.07E+08	861	754	107350000	0.119077	0.045835479
chr6	1.08E+08	1.08E+08	901	761	108200000	0.171259	0.007738359
chr6	1.08E+08	1.09E+08	996	1067	108450000	-0.17171	0.007453306
chr6	1.09E+08	1.09E+08	1051	866	109100000	0.206952	0.001745688
chr6	1.09E+08	1.09E+08	1025	868	109150000	0.167485	0.008940876
chr6	1.09E+08	1.09E+08	956	836	109400000	0.121136	0.043108734
chr6	1.09E+08	1.1E+08	886	745	109450000	0.177695	0.006014269
chr6	1.1E+08	1.1E+08	938	823	109550000	0.116324	0.04969721
chr6	1.1E+08	1.1E+08	972	838	110100000	0.141634	0.022503272
chr6	1.1E+08	1.1E+08	987	820	110150000	0.195054	0.002939382
chr6	1.11E+08	1.11E+08	971	852	110600000	0.116246	0.049809757
chr6	1.11E+08	1.11E+08	877	758	111100000	0.138007	0.025379205
chr6	1.11E+08	1.11E+08	890	753	111150000	0.168784	0.008509735
chr6	1.11E+08	1.11E+08	767	669	111200000	0.124849	0.038525109
chr6	1.11E+08	1.12E+08	927	765	111450000	0.204738	0.001927047
chr6	1.11E+08	1.12E+08	897	782	111500000	0.125568	0.037685231
chr6	1.12E+08	1.12E+08	1026	897	111700000	0.121479	0.042667323
chr6	1.12E+08	1.12E+08	1082	883	111750000	0.220843	0.000920823

chr6	1.12E+08	1.12E+08	1043	844	111800000	0.233052	0.000510466
chr6	1.13E+08	1.13E+08	930	972	112700000	-0.1361	0.026731384
chr6	1.13E+08	1.13E+08	973	802	112950000	0.206466	0.00178412
chr6	1.13E+08	1.13E+08	955	781	1.13E+08	0.217806	0.001062077
chr6	1.13E+08	1.13E+08	1002	878	113050000	0.118218	0.047013528
chr6	1.13E+08	1.13E+08	1018	847	113200000	0.192932	0.00321734
chr6	1.13E+08	1.13E+08	1020	886	113350000	0.130819	0.03199609
chr6	1.13E+08	1.13E+08	1005	858	113400000	0.155774	0.013778774
chr6	1.13E+08	1.14E+08	1022	890	113450000	0.127146	0.035893862
chr6	1.14E+08	1.14E+08	963	839	113600000	0.126493	0.036626173
chr6	1.14E+08	1.14E+08	929	794	114050000	0.154168	0.014593805
chr6	1.14E+08	1.14E+08	982	772	114100000	0.27475	5.60E-05
chr6	1.14E+08	1.14E+08	1000	804	114150000	0.242361	0.000319938
chr6	1.14E+08	1.14E+08	1039	888	114200000	0.154192	0.014581077
chr6	1.14E+08	1.15E+08	1085	947	114450000	0.123887	0.03967229
chr6	1.15E+08	1.15E+08	990	865	115100000	0.122357	0.0415552
chr6	1.15E+08	1.15E+08	852	729	115250000	0.152563	0.015449382
chr6	1.15E+08	1.15E+08	870	713	115300000	0.214742	0.001224607
chr6	1.15E+08	1.15E+08	903	784	115350000	0.131501	0.031312581
chr6	1.16E+08	1.16E+08	947	801	115750000	0.16919	0.008378514
chr6	1.16E+08	1.16E+08	940	807	115800000	0.14772	0.018297482
chr6	1.17E+08	1.17E+08	1042	905	116750000	0.130994	0.031819446
chr6	1.18E+08	1.19E+08	1096	939	118450000	0.150679	0.01650845
chr6	1.18E+08	1.19E+08	1097	933	118500000	0.161243	0.011292455
chr6	1.19E+08	1.19E+08	1001	1035	118600000	-0.12056	0.043526306
chr6	1.19E+08	1.19E+08	972	850	119300000	0.121122	0.043127083
chr6	1.19E+08	1.2E+08	1041	887	119500000	0.158592	0.012443894
chr6	1.2E+08	1.2E+08	1100	962	119550000	0.121023	0.04325483
chr6	1.2E+08	1.2E+08	1021	891	119650000	0.124114	0.039399232
chr6	1.2E+08	1.2E+08	1066	933	119800000	0.119887	0.044746965
chr6	1.2E+08	1.2E+08	1055	889	119850000	0.174616	0.006791082
chr6	1.2E+08	1.2E+08	1052	865	120050000	0.209991	0.00152211
chr6	1.2E+08	1.2E+08	1052	894	120100000	0.162416	0.010813106
chr6	1.2E+08	1.2E+08	1079	916	120300000	0.163904	0.010231114
chr6	1.2E+08	1.2E+08	1052	877	120350000	0.190114	0.003622963
chr6	1.2E+08	1.2E+08	1036	871	120400000	0.177908	0.005963544
chr6	1.2E+08	1.21E+08	1030	835	120450000	0.230424	0.000580855
chr6	1.2E+08	1.21E+08	995	849	120500000	0.15656	0.013394527
chr6	1.21E+08	1.21E+08	958	820	120550000	0.15203	0.01574284
chr6	1.21E+08	1.21E+08	897	767	120600000	0.15351	0.014939588
chr6	1.21E+08	1.21E+08	930	763	120750000	0.213176	0.001316174
chr6	1.21E+08	1.21E+08	1007	871	121300000	0.136947	0.02627582
chr6	1.21E+08	1.21E+08	962	834	121350000	0.133618	0.029266881
chr6	1.21E+08	1.22E+08	876	761	121450000	0.130663	0.032154345
chr6	1.21E+08	1.22E+08	870	746	121500000	0.149468	0.017221666
chr6	1.22E+08	1.22E+08	855	725	121600000	0.165572	0.009611213
chr6	1.22E+08	1.22E+08	885	749	121650000	0.16834	0.008654963

chr6	1.22E+08	1.22E+08	970	849	122050000	0.119848	0.044797921
chr6	1.22E+08	1.22E+08	1028	888	122100000	0.138837	0.024695432
chr6	1.22E+08	1.22E+08	1052	906	122250000	0.14318	0.021364265
chr6	1.23E+08	1.23E+08	1032	862	122800000	0.187311	0.00407155
chr6	1.23E+08	1.23E+08	984	770	122850000	0.281428	3.82E-05
chr6	1.23E+08	1.23E+08	922	708	122900000	0.308646	7.46E-06
chr6	1.23E+08	1.23E+08	989	832	122950000	0.177015	0.006178527
chr6	1.23E+08	1.23E+08	959	817	123100000	0.158823	0.012339779
chr6	1.23E+08	1.23E+08	934	819	123150000	0.117187	0.048458804
chr6	1.23E+08	1.23E+08	892	775	123200000	0.130476	0.032344758
chr6	1.23E+08	1.23E+08	908	786	123250000	0.135791	0.027283913
chr6	1.23E+08	1.24E+08	991	849	123500000	0.150749	0.016468143
chr6	1.24E+08	1.24E+08	1079	898	123650000	0.192536	0.003271777
chr6	1.24E+08	1.24E+08	1012	862	123850000	0.159078	0.012225666
chr6	1.24E+08	1.24E+08	992	854	123900000	0.143732	0.020969316
chr6	1.24E+08	1.24E+08	1052	880	124350000	0.185188	0.004444063
chr6	1.24E+08	1.24E+08	1110	879	124400000	0.264253	0.000100502
chr6	1.25E+08	1.25E+08	1032	895	124550000	0.133112	0.029745502
chr6	1.25E+08	1.25E+08	963	826	124650000	0.149022	0.017490772
chr6	1.25E+08	1.25E+08	952	761	124700000	0.250693	0.000207921
chr6	1.25E+08	1.25E+08	1023	885	124750000	0.136685	0.026501739
chr6	1.25E+08	1.25E+08	960	833	125050000	0.132346	0.030481745
chr6	1.25E+08	1.25E+08	990	843	125100000	0.159524	0.01202795
chr6	1.26E+08	1.26E+08	1074	927	125800000	0.139981	0.023778066
chr6	1.26E+08	1.26E+08	1062	904	125850000	0.160017	0.011812738
chr6	1.26E+08	1.26E+08	1006	874	126100000	0.130553	0.032265513
chr6	1.26E+08	1.26E+08	1035	874	126350000	0.171554	0.007650693
chr6	1.26E+08	1.27E+08	995	873	126500000	0.116343	0.049669144
chr6	1.27E+08	1.27E+08	992	860	126600000	0.133632	0.02925378
chr6	1.27E+08	1.27E+08	1014	879	126650000	0.133751	0.029142113
chr6	1.27E+08	1.27E+08	1040	859	126750000	0.203482	0.002037413
chr6	1.27E+08	1.27E+08	980	836	126800000	0.156907	0.013227952
chr6	1.27E+08	1.27E+08	983	845	127150000	0.145868	0.019499716
chr6	1.28E+08	1.28E+08	1024	885	128300000	0.138095	0.025306466
chr6	1.28E+08	1.28E+08	1083	921	128350000	0.161388	0.011231969
chr6	1.28E+08	1.29E+08	1047	881	128450000	0.176676	0.006262101
chr6	1.28E+08	1.29E+08	1005	823	128500000	0.215859	0.001162851
chr6	1.29E+08	1.29E+08	1000	865	128550000	0.136856	0.026354106
chr6	1.29E+08	1.29E+08	904	771	129200000	0.15722	0.013079121
chr6	1.29E+08	1.29E+08	938	820	129350000	0.121592	0.042522557
chr6	1.29E+08	1.29E+08	1022	882	129400000	0.140173	0.023627054
chr6	1.29E+08	1.3E+08	987	855	129450000	0.134754	0.02821582
chr6	1.29E+08	1.3E+08	942	826	129500000	0.117214	0.048421652
chr6	1.3E+08	1.3E+08	1071	928	129750000	0.13439	0.028548973
chr6	1.3E+08	1.3E+08	1028	899	129800000	0.121075	0.04318685
chr6	1.3E+08	1.3E+08	1060	892	130400000	0.176577	0.006286629
chr6	1.3E+08	1.31E+08	1013	851	130450000	0.179031	0.005702304

chr6	1.31E+08	1.31E+08	1085	939	130750000	0.136126	0.02698852
chr6	1.31E+08	1.31E+08	1016	886	130800000	0.12515	0.038171161
chr6	1.31E+08	1.31E+08	1013	883	130900000	0.125777	0.037443409
chr6	1.31E+08	1.31E+08	1020	895	1.31E+08	0.116238	0.049821803
chr6	1.31E+08	1.31E+08	1075	932	131350000	0.133563	0.029318307
chr6	1.31E+08	1.31E+08	971	790	131400000	0.225247	0.000746566
chr6	1.31E+08	1.32E+08	957	798	131450000	0.189758	0.003677326
chr6	1.32E+08	1.32E+08	915	777	131650000	0.163485	0.010391918
chr6	1.32E+08	1.32E+08	1070	905	132300000	0.169249	0.008359653
chr6	1.33E+08	1.33E+08	1037	905	133250000	0.124054	0.039470512
chr6	1.33E+08	1.34E+08	895	760	133450000	0.163516	0.010379878
chr6	1.34E+08	1.34E+08	1082	937	133650000	0.135208	0.02780484
chr6	1.35E+08	1.35E+08	873	757	134550000	0.133317	0.029550891
chr6	1.35E+08	1.35E+08	1023	872	134750000	0.158034	0.012698887
chr6	1.35E+08	1.35E+08	1021	839	134800000	0.210868	0.001462613
chr6	1.35E+08	1.35E+08	996	800	134850000	0.243774	0.00029764
chr6	1.35E+08	1.35E+08	979	848	134900000	0.134873	0.028107643
chr6	1.35E+08	1.35E+08	1027	886	134950000	0.140686	0.023227343
chr6	1.35E+08	1.35E+08	1063	862	1.35E+08	0.23001	0.000592743
chr6	1.35E+08	1.35E+08	1024	849	135050000	0.198007	0.002588753
chr6	1.35E+08	1.35E+08	904	938	135150000	-0.12564	0.03728822
chr6	1.36E+08	1.36E+08	1013	876	135550000	0.13726	0.026008886
chr6	1.36E+08	1.36E+08	1082	924	135650000	0.155364	0.013983066
chr6	1.36E+08	1.36E+08	1060	899	135700000	0.165299	0.009710058
chr6	1.36E+08	1.36E+08	1079	919	135750000	0.159186	0.012177313
chr6	1.37E+08	1.37E+08	1036	908	136700000	0.117888	0.047472308
chr6	1.37E+08	1.37E+08	988	853	136850000	0.139594	0.024085467
chr6	1.37E+08	1.37E+08	1033	894	1.37E+08	0.136122	0.026992437
chr6	1.37E+08	1.37E+08	993	859	137050000	0.136764	0.02643369
chr6	1.37E+08	1.37E+08	959	833	137100000	0.130843	0.031972052
chr6	1.37E+08	1.37E+08	911	745	137150000	0.217839	0.001060468
chr6	1.37E+08	1.37E+08	987	820	137200000	0.195054	0.002939382
chr6	1.38E+08	1.38E+08	1058	901	138050000	0.159369	0.01209641
chr6	1.38E+08	1.38E+08	1022	886	138200000	0.133645	0.029241453
chr6	1.39E+08	1.39E+08	872	917	138650000	-0.14497	0.019860269
chr6	1.39E+08	1.39E+08	919	958	138700000	-0.13233	0.030199385
chr6	1.39E+08	1.39E+08	950	1001	138750000	-0.14781	0.017999482
chr6	1.39E+08	1.39E+08	820	860	139050000	-0.14108	0.02265636
chr6	1.39E+08	1.39E+08	815	865	139150000	-0.15827	0.012391166
chr6	1.39E+08	1.39E+08	1035	867	139250000	0.183155	0.004828835
chr6	1.4E+08	1.4E+08	1013	833	139800000	0.209874	0.001530201
chr6	1.4E+08	1.4E+08	950	832	139850000	0.118972	0.045977811
chr6	1.4E+08	1.4E+08	1091	944	140100000	0.136421	0.026731177
chr6	1.4E+08	1.4E+08	1058	921	140150000	0.127695	0.035287935
chr6	1.4E+08	1.4E+08	1015	886	140400000	0.123729	0.039862913
chr6	1.4E+08	1.41E+08	968	827	140450000	0.154748	0.014294781
chr6	1.41E+08	1.41E+08	993	858	140600000	0.138444	0.025017039

chr6	1.41E+08	1.41E+08	1062	884	140650000	0.192294	0.00330544
chr6	1.41E+08	1.41E+08	1101	879	140800000	0.252508	0.000188996
chr6	1.41E+08	1.41E+08	1098	939	140850000	0.153309	0.015046273
chr6	1.41E+08	1.41E+08	992	854	140950000	0.143732	0.020969316
chr6	1.41E+08	1.41E+08	899	729	1.41E+08	0.230031	0.00059215
chr6	1.41E+08	1.41E+08	936	734	141050000	0.278357	4.56E-05
chr6	1.41E+08	1.41E+08	1031	876	141100000	0.16267	0.010711881
chr6	1.41E+08	1.41E+08	1016	859	141200000	0.169799	0.008185616
chr6	1.41E+08	1.41E+08	1078	864	141250000	0.246882	0.000253602
chr6	1.42E+08	1.42E+08	965	842	141550000	0.124337	0.039132053
chr6	1.42E+08	1.42E+08	1039	875	141700000	0.175469	0.006567385
chr6	1.42E+08	1.42E+08	989	858	141750000	0.132621	0.030215556
chr6	1.42E+08	1.42E+08	968	825	141800000	0.158241	0.012603842
chr6	1.42E+08	1.42E+08	1003	858	141900000	0.1529	0.015265998
chr6	1.42E+08	1.42E+08	1005	830	141950000	0.20364	0.002023152
chr6	1.42E+08	1.42E+08	994	840	1.42E+08	0.170485	0.007972696
chr6	1.42E+08	1.42E+08	1001	807	142050000	0.23843	0.00039044
chr6	1.42E+08	1.42E+08	978	841	142350000	0.145357	0.019843332
chr6	1.42E+08	1.42E+08	1018	804	142400000	0.268098	8.13E-05
chr6	1.42E+08	1.43E+08	1020	810	142450000	0.260204	0.000125286
chr6	1.42E+08	1.43E+08	1014	876	142500000	0.138683	0.024821004
chr6	1.44E+08	1.44E+08	1018	892	143600000	0.11825	0.046968821
chr6	1.45E+08	1.45E+08	1016	890	144550000	0.118651	0.046416046
chr6	1.45E+08	1.45E+08	1055	904	144650000	0.150477	0.016625868
chr6	1.45E+08	1.45E+08	1052	892	144700000	0.165647	0.009583893
chr6	1.46E+08	1.46E+08	1111	972	145700000	0.120459	0.043990513
chr6	1.46E+08	1.46E+08	884	750	1.46E+08	0.164784	0.009899699
chr6	1.47E+08	1.47E+08	1052	922	146550000	0.117924	0.047421718
chr6	1.47E+08	1.47E+08	965	826	146600000	0.152015	0.01575094
chr6	1.47E+08	1.47E+08	931	810	147100000	0.128487	0.034427321
chr6	1.47E+08	1.47E+08	1044	901	147250000	0.140151	0.023644275
chr6	1.47E+08	1.48E+08	1098	952	147500000	0.133473	0.029403279
chr6	1.48E+08	1.48E+08	1056	842	147550000	0.254346	0.000171477
chr6	1.48E+08	1.48E+08	1044	844	147600000	0.234435	0.000476698
chr6	1.48E+08	1.48E+08	1049	902	147650000	0.145444	0.019784735
chr6	1.49E+08	1.49E+08	1033	884	149050000	0.15235	0.015565914
chr6	1.5E+08	1.5E+08	905	950	150200000	-0.14238	0.021687021
chr6	1.5E+08	1.5E+08	772	836	150250000	-0.18727	0.003975662
chr6	1.51E+08	1.52E+08	897	778	151450000	0.132966	0.029884346
chr6	1.52E+08	1.52E+08	1011	845	151900000	0.186388	0.004229922
chr6	1.52E+08	1.52E+08	1004	865	151950000	0.142615	0.021774454
chr6	1.52E+08	1.52E+08	991	860	152250000	0.132177	0.030646817
chr6	1.53E+08	1.53E+08	977	836	153300000	0.152484	0.015492586
chr6	1.53E+08	1.53E+08	1045	906	153400000	0.133548	0.029332243
chr6	1.54E+08	1.54E+08	1099	948	153600000	0.140861	0.023092408
chr6	1.54E+08	1.54E+08	1064	879	153650000	0.203191	0.002063735
chr6	1.54E+08	1.54E+08	926	804	153800000	0.131445	0.031367905

chr6	1.54E+08	1.54E+08	988	846	153950000	0.151482	0.016049831
chr6	1.54E+08	1.54E+08	971	806	1.54E+08	0.19632	0.002784202
chr6	1.54E+08	1.54E+08	999	856	154050000	0.150502	0.016611002
chr6	1.54E+08	1.54E+08	939	996	154150000	-0.15739	0.012795925
chr6	1.54E+08	1.54E+08	1025	875	154400000	0.155897	0.013718004
chr6	1.54E+08	1.55E+08	957	825	154450000	0.141753	0.02241399
chr6	1.55E+08	1.55E+08	983	838	155100000	0.157869	0.012775127
chr6	1.55E+08	1.55E+08	999	845	155150000	0.169162	0.008387761
chr6	1.56E+08	1.56E+08	1076	941	1.56E+08	0.12104	0.043233171
chr6	1.56E+08	1.56E+08	1005	864	156100000	0.145721	0.019598492
chr6	1.56E+08	1.56E+08	1069	871	156150000	0.223145	0.000825523
chr6	1.57E+08	1.57E+08	937	968	156800000	-0.11933	0.045159512
chr6	1.57E+08	1.57E+08	1098	949	157150000	0.138026	0.025363314
chr6	1.58E+08	1.58E+08	634	676	157550000	-0.16491	0.009678257
chr6	1.58E+08	1.58E+08	424	452	157600000	-0.16463	0.009781869
chr6	1.58E+08	1.58E+08	426	457	157650000	-0.17371	0.006891983
chr6	1.58E+08	1.58E+08	583	658	157700000	-0.24696	0.000238931
chr6	1.58E+08	1.58E+08	1025	891	158300000	0.129755	0.03308743
chr6	1.58E+08	1.58E+08	1013	888	158350000	0.117631	0.04783253
chr6	1.59E+08	1.59E+08	1026	881	158900000	0.147445	0.018472066
chr6	1.59E+08	1.59E+08	1055	917	158950000	0.129878	0.032959935
chr6	1.59E+08	1.6E+08	1061	925	159450000	0.125528	0.037731549
chr6	1.61E+08	1.61E+08	940	977	160750000	-0.12807	0.034569412
chr6	1.61E+08	1.61E+08	777	819	160950000	-0.14832	0.017684891
chr6	1.61E+08	1.61E+08	662	737	1.61E+08	-0.22721	0.00065026
chr6	1.61E+08	1.61E+08	602	681	161050000	-0.25026	0.000200777
chr6	1.62E+08	1.62E+08	1067	935	161900000	0.11815	0.047107474
chr6	1.62E+08	1.62E+08	959	1018	162200000	-0.15851	0.012285019
chr6	1.62E+08	1.62E+08	940	986	162250000	-0.1413	0.022493836
chr6	1.62E+08	1.63E+08	1047	888	162450000	0.165258	0.009725164
chr6	1.62E+08	1.63E+08	1066	924	162500000	0.133871	0.029029888
chr6	1.63E+08	1.63E+08	1007	875	1.63E+08	0.130337	0.032486516
chr6	1.63E+08	1.63E+08	1022	889	163050000	0.128768	0.034126844
chr6	1.63E+08	1.63E+08	1021	870	163100000	0.158524	0.012474958
chr6	1.64E+08	1.64E+08	1071	1106	164150000	-0.11876	0.045925744
chr6	1.64E+08	1.64E+08	1016	1077	164200000	-0.15649	0.013223257
chr6	1.64E+08	1.64E+08	1015	1088	164250000	-0.17257	0.007207995
chr6	1.64E+08	1.65E+08	952	1032	164500000	-0.18878	0.003732262
chr6	1.65E+08	1.65E+08	981	1018	164550000	-0.12578	0.037118676
chr6	1.65E+08	1.65E+08	1039	884	164700000	0.160706	0.011518001
chr6	1.65E+08	1.65E+08	994	850	164800000	0.153411	0.014991885
chr6	1.65E+08	1.65E+08	999	844	164850000	0.17087	0.007855334
chr6	1.65E+08	1.65E+08	973	840	164950000	0.139679	0.024017602
chr6	1.65E+08	1.65E+08	987	792	1.65E+08	0.245178	0.000276931
chr6	1.65E+08	1.65E+08	1014	819	165050000	0.235751	0.000446507
chr6	1.65E+08	1.65E+08	904	790	165100000	0.122098	0.041880034
chr6	1.65E+08	1.65E+08	1041	905	165250000	0.129609	0.03323977

chr6	1.66E+08	1.66E+08	1007	873	165850000	0.133638	0.029247524
chr6	1.67E+08	1.67E+08	900	956	166550000	-0.15946	0.011863175
chr6	1.67E+08	1.67E+08	1062	1130	167050000	-0.16191	0.010832353
chr6	1.67E+08	1.67E+08	996	1146	167100000	-0.27476	5.19E-05
chr6	1.67E+08	1.67E+08	1003	1080	167150000	-0.17908	0.005564805
chr6	1.67E+08	1.67E+08	922	992	167300000	-0.17795	0.00582501
chr6	1.67E+08	1.67E+08	860	972	167350000	-0.24899	0.00021475
chr6	1.67E+08	1.68E+08	908	959	167500000	-0.15121	0.015977984
chr6	1.68E+08	1.68E+08	835	928	167550000	-0.22472	0.000733884
chr6	1.68E+08	1.68E+08	628	700	167600000	-0.22896	0.000596551
chr6	1.68E+08	1.68E+08	689	787	167800000	-0.26423	9.41E-05
chr6	1.68E+08	1.68E+08	941	1020	167850000	-0.18867	0.003749082
chr6	1.68E+08	1.68E+08	972	1033	167900000	-0.16018	0.011549419
chr6	1.68E+08	1.68E+08	452	518	167950000	-0.269	7.21E-05
chr6	1.68E+08	1.68E+08	65	92	1.68E+08	-0.57357	1.13E-15
chr6	1.68E+08	1.68E+08	613	676	168050000	-0.21351	0.001249548
chr6	1.68E+08	1.68E+08	1046	1101	168100000	-0.1463	0.018966897
chr6	1.68E+08	1.68E+08	974	1056	168150000	-0.18899	0.003699958
chr6	1.68E+08	1.68E+08	969	1046	168200000	-0.18269	0.004806548
chr6	1.68E+08	1.68E+08	1008	1042	168350000	-0.12023	0.043958326
chr6	1.68E+08	1.68E+08	998	1115	168400000	-0.2323	0.000505568
chr6	1.68E+08	1.69E+08	1097	1163	168450000	-0.15666	0.013141984
chr6	1.68E+08	1.69E+08	1119	1167	168500000	-0.13297	0.029590724
chr6	1.69E+08	1.69E+08	1016	1083	168700000	-0.1645	0.00982837
chr6	1.69E+08	1.69E+08	989	1120	168750000	-0.25183	0.000184749
chr6	1.69E+08	1.69E+08	1014	1165	168800000	-0.27264	5.86E-05
chr6	1.69E+08	1.69E+08	1078	1174	168850000	-0.19545	0.002808879
chr6	1.69E+08	1.69E+08	1044	1100	168900000	-0.14775	0.018037545
chr6	1.69E+08	1.69E+08	940	992	168950000	-0.15005	0.016644891
chr6	1.69E+08	1.69E+08	971	1051	169100000	-0.18659	0.004090502
chr6	1.69E+08	1.69E+08	970	1035	169150000	-0.16595	0.009306497
chr6	1.69E+08	1.69E+08	971	1005	169200000	-0.12202	0.041646844
chr6	1.69E+08	1.69E+08	937	986	169400000	-0.14591	0.019225684
chr6	1.7E+08	1.7E+08	982	1033	169700000	-0.14542	0.019554738
chr6	1.7E+08	1.7E+08	863	1012	169750000	-0.30215	1.01E-05
chr6	1.7E+08	1.7E+08	888	992	169800000	-0.23215	0.000509399
chr6	1.7E+08	1.7E+08	1045	1140	170200000	-0.1979	0.002524585
chr6	1.7E+08	1.7E+08	814	959	170250000	-0.30887	6.62E-06
chr6	1.7E+08	1.7E+08	492	600	170300000	-0.35868	2.28E-07
chr6	1.7E+08	1.7E+08	740	769	170350000	-0.12783	0.034829603
chr6	1.7E+08	1.7E+08	1079	1115	170400000	-0.11972	0.044635607
chr6	1.7E+08	1.71E+08	1029	1129	170450000	-0.20617	0.001748422
chr6	1.7E+08	1.71E+08	1031	1087	170500000	-0.14868	0.017464833
chr6	1.71E+08	1.71E+08	1039	1117	170550000	-0.17681	0.006096834
chr6	1.71E+08	1.71E+08	975	1042	170600000	-0.16825	0.008521666
chr6	1.71E+08	1.71E+08	116	123	170950000	-0.15691	0.013024982
chr17	100001	200000	871	952	150000	-0.20066	0.002236577

chr17	150001	250000	928	1028	2.00E+05	-0.22002	0.000920031
chr17	300001	400000	32	35	350000	-0.20165	0.002140308
chr17	500001	600000	844	731	550000	0.135	0.027992512
chr17	850001	950000	882	1019	9.00E+05	-0.28068	3.69E-05
chr17	900001	1000000	914	1012	950000	-0.21931	0.000951193
chr17	1000001	1100000	876	911	1050000	-0.12889	0.033688058
chr17	1150001	1250000	772	803	1200000	-0.12917	0.03339334
chr17	1300001	1400000	820	864	1350000	-0.14778	0.018021501
chr17	1350001	1450000	935	968	1400000	-0.12241	0.041159296
chr17	1400001	1500000	890	977	1450000	-0.20692	0.001690065
chr17	1450001	1550000	885	966	1500000	-0.19872	0.002436176
chr17	1500001	1600000	852	914	1550000	-0.17371	0.006891983
chr17	1550001	1650000	824	923	1600000	-0.23606	0.000418797
chr17	1600001	1700000	804	871	1650000	-0.18785	0.003881164
chr17	1850001	1950000	915	990	1900000	-0.18603	0.004187392
chr17	1900001	2000000	964	1225	1950000	-0.41805	2.38E-09
chr17	1950001	2050000	930	1090	2.00E+06	-0.3014	1.06E-05
chr17	2100001	2200000	906	939	2150000	-0.12399	0.03923138
chr17	2200001	2300000	875	936	2250000	-0.1696	0.008091694
chr17	2250001	2350000	909	958	2300000	-0.14812	0.017810762
chr17	2300001	2400000	785	835	2350000	-0.16146	0.011017593
chr17	2350001	2450000	726	798	2400000	-0.20879	0.001552636
chr17	2400001	2500000	762	807	2450000	-0.15515	0.013880438
chr17	2450001	2550000	753	786	2500000	-0.13425	0.028387928
chr17	2500001	2600000	784	817	2550000	-0.13185	0.030665691
chr17	2550001	2650000	884	928	2600000	-0.14245	0.021636659
chr17	2600001	2700000	838	872	2650000	-0.12975	0.032788673
chr17	2650001	2750000	802	837	2700000	-0.134	0.028622462
chr17	2700001	2800000	843	931	2750000	-0.21562	0.001132286
chr17	2750001	2850000	902	947	2800000	-0.14261	0.02152083
chr17	2950001	3050000	608	656	3.00E+06	-0.182	0.004944075
chr17	3400001	3500000	921	961	3450000	-0.13371	0.028892247
chr17	3450001	3550000	908	941	3500000	-0.12387	0.039365751
chr17	3500001	3600000	900	971	3550000	-0.18192	0.004959885
chr17	3550001	3650000	892	928	3600000	-0.12945	0.03309762
chr17	3700001	3800000	947	1018	3750000	-0.17667	0.006129103
chr17	3750001	3850000	1036	1132	3800000	-0.20022	0.002280316
chr17	3800001	3900000	1033	1090	3850000	-0.14986	0.016757326
chr17	3850001	3950000	953	1008	3900000	-0.15332	0.014823375
chr17	4150001	4250000	979	855	4200000	0.123013	0.040739282
chr17	4350001	4450000	1045	1102	4400000	-0.14899	0.017274353
chr17	4400001	4500000	1066	1196	4450000	-0.23838	0.000372257
chr17	4450001	4550000	937	1010	4500000	-0.18061	0.005231961
chr17	4600001	4700000	845	886	4650000	-0.14073	0.022929817
chr17	4650001	4750000	801	897	4700000	-0.23568	0.000426916
chr17	4700001	4800000	939	1009	4750000	-0.1761	0.006270401
chr17	4750001	4850000	959	1004	4800000	-0.13853	0.024674233

chr17	4800001	4900000	940	1023	4850000	-0.19445	0.002932944
chr17	4850001	4950000	928	987	4900000	-0.1613	0.011082604
chr17	5050001	5150000	566	612	5100000	-0.1851	0.004351542
chr17	5100001	5200000	698	755	5150000	-0.18562	0.004258783
chr17	5950001	6050000	1070	1135	6.00E+06	-0.15745	0.012767525
chr17	6000001	6100000	1022	1102	6050000	-0.1811	0.005127846
chr17	6050001	6150000	979	1021	6100000	-0.13297	0.029583509
chr17	6300001	6400000	1025	1128	6350000	-0.21051	0.001434825
chr17	6350001	6450000	1058	1161	6400000	-0.2064	0.001730676
chr17	6400001	6500000	1003	1055	6450000	-0.14529	0.01963816
chr17	6600001	6700000	957	839	6650000	0.117476	0.048049932
chr17	6900001	7000000	951	988	6950000	-0.12744	0.035259676
chr17	6950001	7050000	841	909	7.00E+06	-0.18455	0.004452556
chr17	7000001	7100000	866	913	7050000	-0.14862	0.017501334
chr17	7050001	7150000	959	1041	7100000	-0.19074	0.003436156
chr17	7100001	7200000	926	1081	7150000	-0.29565	1.51E-05
chr17	7150001	7250000	885	997	7200000	-0.24429	0.000274741
chr17	7200001	7300000	914	972	7250000	-0.16113	0.011149964
chr17	7250001	7350000	983	1032	7300000	-0.14255	0.02156266
chr17	7550001	7650000	893	935	7600000	-0.13868	0.024552075
chr17	7600001	7700000	935	977	7650000	-0.13576	0.02702441
chr17	7700001	7800000	1076	1127	7750000	-0.13918	0.024144982
chr17	7900001	8000000	1028	1097	7950000	-0.1661	0.009253906
chr17	7950001	8050000	988	1055	8.00E+06	-0.16703	0.008929503
chr17	8000001	8100000	944	1046	8050000	-0.2204	0.000903496
chr17	8050001	8150000	919	994	8100000	-0.18555	0.004270921
chr17	8750001	8850000	1028	1062	8800000	-0.11932	0.045179041
chr17	8850001	8950000	988	1046	8900000	-0.15467	0.014121455
chr17	9050001	9150000	1064	1135	9100000	-0.16557	0.009441666
chr17	9100001	9200000	1013	1099	9150000	-0.18993	0.003556015
chr17	9650001	9750000	987	1059	9700000	-0.17395	0.006827183
chr17	9700001	9800000	992	1086	9750000	-0.20298	0.002017494
chr17	9750001	9850000	988	1087	9800000	-0.21014	0.001459677
chr17	9800001	9900000	987	1051	9850000	-0.16301	0.01039549
chr17	10050001	10150000	871	912	10100000	-0.13873	0.024507373
chr17	10400001	10500000	959	778	10450000	0.229389	0.000610986
chr17	10450001	10550000	988	825	10500000	0.187745	0.003999019
chr17	10550001	10650000	938	1011	10600000	-0.18049	0.005255617
chr17	10750001	10850000	944	1017	10800000	-0.17983	0.005398522
chr17	10800001	10900000	893	938	10850000	-0.1433	0.021022327
chr17	11050001	11150000	941	971	11100000	-0.11765	0.047470178
chr17	11100001	11200000	1010	1119	11150000	-0.22023	0.00091082
chr17	12300001	12400000	985	864	12350000	0.116721	0.049124917
chr17	12350001	12450000	1020	881	12400000	0.138983	0.024576286
chr17	12850001	12950000	959	1018	12900000	-0.15851	0.012285019
chr17	13050001	13150000	1045	901	13100000	0.141532	0.022580315
chr17	13600001	13700000	1023	850	13650000	0.1949	0.002958892

chr17	13650001	13750000	996	864	13700000	0.132743	0.030098497
chr17	13700001	13800000	970	834	13750000	0.145566	0.019702489
chr17	14150001	14250000	968	1010	14200000	-0.13365	0.028947311
chr17	14250001	14350000	1018	872	14300000	0.150966	0.016343308
chr17	14300001	14400000	1020	847	14350000	0.195764	0.002851477
chr17	14350001	14450000	1020	852	14400000	0.187272	0.004078193
chr17	14600001	14700000	1070	930	14650000	0.129936	0.032899008
chr17	15450001	15550000	76	91	15500000	-0.33224	1.44E-06
chr17	15700001	15800000	215	244	15750000	-0.25492	0.000156578
chr17	15750001	15850000	658	704	15800000	-0.16986	0.008010057
chr17	15950001	16050000	896	930	1.60E+07	-0.1261	0.036753311
chr17	16050001	16150000	777	655	16100000	0.174048	0.006943745
chr17	16100001	16200000	839	658	16150000	0.278211	4.60E-05
chr17	16150001	16250000	855	722	16200000	0.171554	0.007650693
chr17	16250001	16350000	738	792	16300000	-0.17425	0.00674716
chr17	16300001	16400000	910	971	16350000	-0.16598	0.009295674
chr17	16500001	16600000	780	683	16550000	0.119217	0.045645995
chr17	16600001	16700000	44	65	16650000	-0.63531	1.37E-18
chr17	16900001	17000000	942	999	16950000	-0.15713	0.012919152
chr17	16950001	17050000	1113	1183	1.70E+07	-0.16037	0.011470912
chr17	17000001	17100000	1118	1189	17050000	-0.1612	0.011122512
chr17	17050001	17150000	1009	1077	17100000	-0.16646	0.009124975
chr17	17150001	17250000	798	849	17200000	-0.16175	0.010898412
chr17	17200001	17300000	901	950	17250000	-0.14877	0.017408294
chr17	17300001	17400000	922	973	17350000	-0.15004	0.016648585
chr17	17350001	17450000	955	1102	17400000	-0.27892	4.08E-05
chr17	17400001	17500000	1045	1144	17450000	-0.20296	0.002020011
chr17	17500001	17600000	856	894	17550000	-0.13504	0.027673743
chr17	17550001	17650000	994	1141	17600000	-0.27135	6.31E-05
chr17	17600001	17700000	1092	1240	17650000	-0.25574	0.000149783
chr17	17650001	17750000	1124	1278	17700000	-0.25762	0.000135293
chr17	17700001	17800000	1088	1213	17750000	-0.22927	0.000587494
chr17	17850001	17950000	947	989	17900000	-0.13498	0.027725965
chr17	17950001	18050000	946	1028	1.80E+07	-0.1923	0.003215443
chr17	18000001	18100000	1078	1164	18050000	-0.18311	0.004724573
chr17	18050001	18150000	1025	1116	18100000	-0.19508	0.002853168
chr17	18100001	18200000	958	1061	18150000	-0.2197	0.000933993
chr17	18250001	18350000	300	236	18300000	0.273804	5.91E-05
chr17	18300001	18400000	23	20	18350000	0.129262	0.033603145
chr17	18400001	18500000	19	14	18450000	0.368201	1.36E-07
chr17	18450001	18550000	67	50	18500000	0.349861	4.96E-07
chr17	18550001	18650000	88	101	18600000	-0.27115	6.38E-05
chr17	18600001	18700000	120	130	18650000	-0.18785	0.003881164
chr17	18650001	18750000	100	116	18700000	-0.2865	2.62E-05
chr17	18800001	18900000	965	1058	18850000	-0.20511	0.00183426
chr17	18850001	18950000	897	984	18900000	-0.20592	0.001768433
chr17	18900001	19000000	330	367	18950000	-0.22569	0.000700278

chr17	18950001	19050000	6	8	1.90E+07	-0.48741	5.63E-12
chr17	19000001	19100000	4	3	19050000	0.342666	8.12E-07
chr17	19200001	19300000	1043	1110	19250000	-0.16219	0.010719223
chr17	19550001	19650000	969	1041	19600000	-0.17577	0.006352608
chr17	19600001	19700000	959	1056	19650000	-0.21138	0.001378916
chr17	20200001	20300000	220	228	20250000	-0.1239	0.039332178
chr17	20250001	20350000	32	41	20300000	-0.42992	8.92E-10
chr17	20300001	20400000	24	33	20350000	-0.5318	8.01E-14
chr17	20700001	20800000	361	392	20750000	-0.19123	0.003365801
chr17	20750001	20850000	542	564	20800000	-0.12977	0.03276336
chr17	21200001	21300000	1926	2001	21250000	-0.12749	0.035207125
chr17	21250001	21350000	1545	1781	21300000	-0.27745	4.45E-05
chr17	21300001	21400000	1182	1327	21350000	-0.23931	0.000355047
chr17	21450001	21550000	390	409	21500000	-0.141	0.022721933
chr17	21500001	21600000	363	407	21550000	-0.23743	0.000390684
chr17	21550001	21650000	126	149	21600000	-0.31426	4.70E-06
chr17	21600001	21700000	328	258	21650000	0.273953	5.86E-05
chr17	21650001	21750000	638	527	21700000	0.203382	0.002046445
chr17	21700001	21800000	734	636	21750000	0.134382	0.028556769
chr17	21850001	21950000	380	400	21900000	-0.14637	0.018921795
chr17	21900001	22000000	489	534	21950000	-0.19938	0.002366685
chr17	21950001	22050000	554	605	2.20E+07	-0.19942	0.002362125
chr17	22000001	22100000	550	570	22050000	-0.1239	0.039332178
chr17	25200001	25300000	636	796	25250000	-0.39611	1.37E-08
chr17	25250001	25350000	877	993	25300000	-0.25159	0.000187121
chr17	25300001	25400000	488	428	25350000	0.116899	0.048870079
chr17	25850001	25950000	1066	1131	25900000	-0.15776	0.012623848
chr17	25900001	26000000	866	956	25950000	-0.21502	0.00116479
chr17	25950001	26050000	708	733	2.60E+07	-0.12244	0.041130375
chr17	26100001	26200000	966	1015	26150000	-0.14376	0.020698013
chr17	26150001	26250000	933	965	26200000	-0.12102	0.042924344
chr17	26200001	26300000	980	1037	26250000	-0.15393	0.014500676
chr17	26350001	26450000	916	952	26400000	-0.12799	0.03466031
chr17	26600001	26700000	929	973	26650000	-0.13913	0.024183748
chr17	26650001	26750000	1004	1051	26700000	-0.13838	0.024799783
chr17	26750001	26850000	891	957	26800000	-0.17547	0.006430766
chr17	26900001	27000000	908	988	26950000	-0.19419	0.002965273
chr17	27000001	27100000	922	1013	27050000	-0.20817	0.00159739
chr17	27050001	27150000	781	838	27100000	-0.174	0.006814524
chr17	27200001	27300000	998	1085	27250000	-0.19296	0.003126673
chr17	27250001	27350000	1045	1099	27300000	-0.14506	0.019795784
chr17	27350001	27450000	1080	1123	27400000	-0.1287	0.033893823
chr17	27400001	27500000	1074	1199	27450000	-0.23121	0.000533839
chr17	27450001	27550000	907	980	27500000	-0.18405	0.004544454
chr17	27850001	27950000	940	1019	27900000	-0.18879	0.003730396
chr17	27950001	28050000	952	816	2.80E+07	0.150021	0.016892961
chr17	28050001	28150000	927	775	28100000	0.186001	0.004297873

chr17	28100001	28200000	956	753	28150000	0.271989	6.54E-05
chr17	28150001	28250000	863	755	28200000	0.120512	0.043920551
chr17	28250001	28350000	878	769	28300000	0.118866	0.04612311
chr17	28300001	28400000	857	736	28350000	0.147218	0.018617338
chr17	28450001	28550000	971	799	28500000	0.208904	0.001598873
chr17	28850001	28950000	531	563	28900000	-0.15679	0.013077414
chr17	28900001	29000000	179	220	28950000	-0.36992	1.01E-07
chr17	29150001	29250000	851	735	29200000	0.139043	0.024527924
chr17	29400001	29500000	933	795	29450000	0.15855	0.01246286
chr17	29550001	29650000	935	794	29600000	0.163456	0.010403455
chr17	29650001	29750000	897	946	29700000	-0.1491	0.017207425
chr17	29700001	29800000	939	1010	29750000	-0.17753	0.005922737
chr17	30250001	30350000	490	380	30300000	0.294411	1.78E-05
chr17	30300001	30400000	390	271	30350000	0.45281	1.72E-10
chr17	30800001	30900000	1067	921	30850000	0.139915	0.023829906
chr17	30850001	30950000	1019	875	30900000	0.147427	0.018483326
chr17	31200001	31300000	859	943	31250000	-0.20697	0.001686516
chr17	31250001	31350000	884	1029	31300000	-0.2915	1.94E-05
chr17	31300001	31400000	923	1011	31350000	-0.20375	0.001949453
chr17	31500001	31600000	1109	1171	31550000	-0.15085	0.01618078
chr17	31550001	31650000	1082	1155	31600000	-0.16656	0.009090194
chr17	31600001	31700000	1040	1073	31650000	-0.11744	0.047765354
chr17	31800001	31900000	1080	1121	31850000	-0.12613	0.036727141
chr17	32200001	32300000	989	1049	32250000	-0.15734	0.012818497
chr17	32250001	32350000	1037	1094	32300000	-0.14957	0.016929463
chr17	32550001	32650000	1076	925	32600000	0.145781	0.01955799
chr17	32600001	32700000	988	854	32650000	0.137903	0.025466045
chr17	32850001	32950000	1130	1196	32900000	-0.15427	0.014328732
chr17	32900001	33000000	1118	1231	32950000	-0.21128	0.001385063
chr17	33600001	33700000	786	687	33650000	0.121847	0.042197577
chr17	33650001	33750000	846	726	33700000	0.148316	0.0179243
chr17	34550001	34650000	4	7	34600000	-0.87973	6.33E-32
chr17	34650001	34750000	2	4	34700000	-1.07237	8.26E-44
chr17	35200001	35300000	1027	1076	35250000	-0.13961	0.023799706
chr17	35250001	35350000	1020	1071	35300000	-0.14276	0.02141004
chr17	35400001	35500000	1039	911	35450000	0.117301	0.048297766
chr17	35500001	35600000	969	842	35550000	0.130305	0.032519646
chr17	35850001	35950000	949	832	35900000	0.117453	0.048083151
chr17	36050001	36150000	1055	910	36100000	0.140933	0.023036938
chr17	36200001	36300000	282	299	36250000	-0.15682	0.013064456
chr17	36300001	36400000	183	200	36350000	-0.20053	0.002249701
chr17	36350001	36450000	167	201	36400000	-0.33972	8.64E-07
chr17	36550001	36650000	853	906	36600000	-0.15934	0.011915848
chr17	36600001	36700000	565	675	36650000	-0.32901	1.79E-06
chr17	36650001	36750000	879	941	36700000	-0.1707	0.007752395
chr17	36750001	36850000	866	915	36800000	-0.15178	0.01566066
chr17	36800001	36900000	938	1030	36850000	-0.20736	0.001657349

chr17	36850001	36950000	993	1038	36900000	-0.13631	0.026543641
chr17	37050001	37150000	850	742	37100000	0.123672	0.039932615
chr17	37100001	37200000	808	678	37150000	0.180698	0.005333567
chr17	37300001	37400000	977	1015	37350000	-0.12742	0.035277779
chr17	37700001	37800000	1070	1138	37750000	-0.16126	0.01109724
chr17	37750001	37850000	1107	1220	37800000	-0.2126	0.001303431
chr17	37800001	37900000	1013	1112	37850000	-0.20689	0.001692409
chr17	37850001	37950000	957	1053	37900000	-0.21029	0.001449959
chr17	37950001	38050000	974	823	3.80E+07	0.170658	0.007919846
chr17	38050001	38150000	902	970	38100000	-0.17723	0.005994484
chr17	38100001	38200000	905	989	38150000	-0.20042	0.002260013
chr17	38150001	38250000	929	1011	38200000	-0.1944	0.002938124
chr17	38200001	38300000	996	1035	38250000	-0.12778	0.034878901
chr17	38400001	38500000	937	988	38450000	-0.14883	0.017370858
chr17	38450001	38550000	969	1048	38500000	-0.18544	0.004290593
chr17	38750001	38850000	1038	897	38800000	0.138255	0.025173537
chr17	39050001	39150000	991	1030	39100000	-0.12806	0.034580711
chr17	39400001	39500000	841	921	39450000	-0.20347	0.001974451
chr17	39450001	39550000	1035	1139	39500000	-0.21051	0.001435233
chr17	39500001	39600000	1014	1051	39550000	-0.12408	0.039122279
chr17	39550001	39650000	995	1058	39600000	-0.16094	0.011229265
chr17	39600001	39700000	1024	1066	39650000	-0.13036	0.03215727
chr17	39650001	39750000	996	1034	39700000	-0.12639	0.036428097
chr17	39700001	39800000	830	889	39750000	-0.17144	0.0075323
chr17	39750001	39850000	816	919	39800000	-0.24387	0.000280803
chr17	39800001	39900000	875	958	39850000	-0.20311	0.002005782
chr17	39850001	39950000	841	895	39900000	-0.16215	0.010734689
chr17	39900001	40000000	844	974	39950000	-0.27905	4.05E-05
chr17	39950001	40050000	823	956	4.00E+07	-0.28849	2.32E-05
chr17	40150001	40250000	949	988	40200000	-0.13047	0.032043938
chr17	40200001	40300000	976	1013	40250000	-0.12605	0.036811283
chr17	40400001	40500000	916	786	40450000	0.148447	0.017843671
chr17	40450001	40550000	899	758	40500000	0.173751	0.00702462
chr17	40500001	40600000	852	736	40550000	0.138776	0.024745186
chr17	40550001	40650000	872	724	40600000	0.195967	0.002826734
chr17	40600001	40700000	923	798	40650000	0.13757	0.025745783
chr17	40900001	41000000	952	1023	40950000	-0.17614	0.006259543
chr17	40950001	41050000	944	994	4.10E+07	-0.14683	0.018624313
chr17	41250001	41350000	651	713	41300000	-0.20362	0.001961334
chr17	41300001	41400000	847	888	41350000	-0.14057	0.023051326
chr17	41750001	41850000	994	1080	41800000	-0.19209	0.003245013
chr17	41800001	41900000	948	1015	41850000	-0.17089	0.007695627
chr17	41900001	42000000	999	1080	41950000	-0.18485	0.004397664
chr17	41950001	42050000	895	1025	4.20E+07	-0.26804	7.61E-05
chr17	42000001	42100000	837	913	42050000	-0.19776	0.002540468
chr17	42200001	42300000	891	919	42250000	-0.11701	0.048370184
chr17	42250001	42350000	938	1063	42300000	-0.25285	0.000174906

chr17	42300001	42400000	880	989	42350000	-0.24084	0.000328315
chr17	42350001	42450000	849	943	42400000	-0.22386	0.000764898
chr17	42400001	42500000	869	915	42450000	-0.14679	0.018652322
chr17	42800001	42900000	891	947	42850000	-0.16031	0.011495331
chr17	42850001	42950000	849	895	42900000	-0.14849	0.017577697
chr17	42900001	43000000	909	972	42950000	-0.16905	0.008265076
chr17	42950001	43050000	976	1080	4.30E+07	-0.21845	0.00099102
chr17	43000001	43100000	1011	1061	43050000	-0.14201	0.021958469
chr17	43100001	43200000	878	905	43150000	-0.11607	0.049726666
chr17	43150001	43250000	895	988	43200000	-0.215	0.001165892
chr17	43200001	43300000	817	845	43250000	-0.12099	0.042971673
chr17	43250001	43350000	912	944	43300000	-0.12212	0.04151994
chr17	43300001	43400000	1021	1055	43350000	-0.11963	0.044754088
chr17	43800001	43900000	1076	1157	43850000	-0.17708	0.006029698
chr17	43850001	43950000	1074	1212	43900000	-0.24677	0.000241398
chr17	43900001	44000000	1016	1086	43950000	-0.1685	0.008442636
chr17	44000001	44100000	997	1028	44050000	-0.11655	0.049035009
chr17	44250001	44350000	492	516	44300000	-0.14108	0.02265636
chr17	44350001	44450000	57	59	44400000	-0.12212	0.04151994
chr17	44400001	44500000	5	2	44450000	1.249556	2.09E-53
chr17	44450001	44550000	3	2	44500000	0.512591	8.10E-13
chr17	44500001	44600000	11	7	44550000	0.579705	1.10E-15
chr17	44550001	44650000	12	5	44600000	1.190663	9.15E-50
chr17	44600001	44700000	4	2	44650000	0.927628	7.06E-34
chr17	44650001	44750000	5	6	44700000	-0.33541	1.16E-06
chr17	44800001	44900000	1058	1112	44850000	-0.14419	0.020394913
chr17	44850001	44950000	1032	1092	44900000	-0.1539	0.014517508
chr17	44900001	45000000	999	1099	44950000	-0.21001	0.001468685
chr17	44950001	45050000	988	1070	4.50E+07	-0.1874	0.003954825
chr17	45000001	45100000	844	893	45050000	-0.15379	0.014576276
chr17	45100001	45200000	462	378	45150000	0.217135	0.001095891
chr17	45150001	45250000	996	861	45200000	0.137761	0.025585386
chr17	45550001	45650000	109	113	45600000	-0.12437	0.038776351
chr17	45750001	45850000	978	1051	45800000	-0.17623	0.006238742
chr17	45800001	45900000	927	1021	45850000	-0.21171	0.001357809
chr17	45850001	45950000	1008	1090	45900000	-0.1852	0.004333045
chr17	46250001	46350000	1092	951	46300000	0.127084	0.035963259
chr17	46300001	46400000	1060	891	46350000	0.178195	0.005895703
chr17	46350001	46450000	1046	894	46400000	0.154164	0.014595612
chr17	46400001	46500000	1040	901	46450000	0.134613	0.028344656
chr17	47450001	47550000	913	950	47500000	-0.12968	0.032856377
chr17	47500001	47600000	1027	1106	47550000	-0.17929	0.00551887
chr17	47550001	47650000	976	1059	47600000	-0.19012	0.003527225
chr17	47600001	47700000	948	985	47650000	-0.12761	0.035071872
chr17	48000001	48100000	981	1062	48050000	-0.18683	0.004049917
chr17	48050001	48150000	996	1076	48100000	-0.18383	0.004585582
chr17	48100001	48200000	1091	1173	48150000	-0.17692	0.006068088

chr17	48150001	48250000	1084	1241	48200000	-0.26751	7.84E-05
chr17	48200001	48300000	1098	1258	48250000	-0.26863	7.36E-05
chr17	48250001	48350000	1045	1133	48300000	-0.18902	0.003695482
chr17	48300001	48400000	942	1000	48350000	-0.15857	0.012255234
chr17	48350001	48450000	999	1101	48400000	-0.21263	0.001301503
chr17	48400001	48500000	908	1009	48450000	-0.22453	0.00074055
chr17	48450001	48550000	879	917	48500000	-0.13343	0.029151538
chr17	48550001	48650000	1065	1116	48600000	-0.13986	0.023608552
chr17	48600001	48700000	1201	1279	48650000	-0.16315	0.010341311
chr17	48850001	48950000	970	1037	48900000	-0.16873	0.008366508
chr17	48900001	49000000	958	1003	48950000	-0.1386	0.02461907
chr17	48950001	49050000	964	998	4.90E+07	-0.12238	0.041201808
chr17	49450001	49550000	976	1020	49500000	-0.13599	0.026827328
chr17	49900001	50000000	1131	968	49950000	0.152148	0.015677318
chr17	51300001	51400000	1081	901	51350000	0.190396	0.003580456
chr17	51700001	51800000	1031	899	51750000	0.12528	0.038019903
chr17	51950001	52050000	933	808	5.20E+07	0.13515	0.027856859
chr17	52150001	52250000	888	777	52200000	0.120273	0.044234652
chr17	52200001	52300000	929	801	52250000	0.141505	0.022601154
chr17	52250001	52350000	1009	870	52300000	0.141467	0.022629508
chr17	53050001	53150000	991	840	53100000	0.166124	0.009413349
chr17	53450001	53550000	880	920	53500000	-0.1365	0.026379237
chr17	53550001	53650000	941	803	53600000	0.156423	0.013460939
chr17	53600001	53700000	1055	902	53650000	0.153672	0.014853697
chr17	54450001	54550000	972	836	54500000	0.145082	0.020030427
chr17	54700001	54800000	1094	1140	54750000	-0.13179	0.030725911
chr17	54750001	54850000	1024	1091	54800000	-0.16381	0.010089987
chr17	55250001	55350000	915	965	55300000	-0.14913	0.01719237
chr17	55700001	55800000	1070	1120	55750000	-0.13826	0.024894794
chr17	55850001	55950000	966	1012	55900000	-0.13949	0.023901227
chr17	55900001	56000000	948	1023	55950000	-0.18222	0.004899297
chr17	56100001	56200000	1009	1055	56150000	-0.13669	0.026218295
chr17	56700001	56800000	805	673	56750000	0.186011	0.004296236
chr17	56750001	56850000	821	689	56800000	0.180506	0.00537488
chr17	56800001	56900000	869	720	56850000	0.198988	0.002481059
chr17	56850001	56950000	903	717	56900000	0.260381	0.000124088
chr17	56900001	57000000	908	765	56950000	0.174861	0.006726187
chr17	57250001	57350000	800	652	57300000	0.222756	0.000840967
chr17	57300001	57400000	772	675	57350000	0.121342	0.04284374
chr17	57800001	57900000	849	711	57850000	0.183543	0.004753131
chr17	57850001	57950000	840	721	57900000	0.148018	0.018110088
chr17	58200001	58300000	589	614	58250000	-0.13234	0.03018948
chr17	58550001	58650000	817	714	58600000	0.12204	0.041953411
chr17	58850001	58950000	943	789	58900000	0.184861	0.004504017
chr17	58900001	59000000	916	776	58950000	0.166919	0.009134743
chr17	59400001	59500000	1071	1133	59450000	-0.15356	0.014695678
chr17	59750001	59850000	943	778	59800000	0.205116	0.001894916

chr17	59800001	59900000	1001	818	59850000	0.218897	0.001009183
chr17	59900001	60000000	884	760	59950000	0.145675	0.019628875
chr17	59950001	60050000	844	704	6.00E+07	0.189296	0.003749111
chr17	60200001	60300000	642	670	60250000	-0.13396	0.028657297
chr17	60350001	60450000	558	585	60400000	-0.14054	0.023071575
chr17	60700001	60800000	932	1064	60750000	-0.26347	9.82E-05
chr17	60750001	60850000	945	1021	60800000	-0.18397	0.004559937
chr17	61100001	61200000	1041	896	61150000	0.144028	0.020760648
chr17	61150001	61250000	1062	887	61200000	0.187406	0.004055637
chr17	61300001	61400000	964	808	61350000	0.182306	0.004998207
chr17	61450001	61550000	951	1014	61500000	-0.16491	0.009678257
chr17	61500001	61600000	973	1117	61550000	-0.27149	6.26E-05
chr17	61550001	61650000	1008	1098	61600000	-0.19575	0.002771797
chr17	61650001	61750000	921	961	61700000	-0.13371	0.028892247
chr17	62150001	62250000	968	1039	62200000	-0.17449	0.006684301
chr17	62200001	62300000	929	976	62250000	-0.14357	0.020826749
chr17	62250001	62350000	984	1019	62300000	-0.1228	0.040682874
chr17	62850001	62950000	214	233	62900000	-0.19509	0.002852424
chr17	63400001	63500000	973	1018	63450000	-0.1376	0.025445524
chr17	63450001	63550000	984	1019	63500000	-0.1228	0.040682874
chr17	63800001	63900000	1051	910	63850000	0.135452	0.027585378
chr17	63950001	64050000	1065	887	6.40E+07	0.191476	0.003421552
chr17	64000001	64100000	1022	885	64050000	0.135274	0.027745237
chr17	64800001	64900000	1040	1150	64850000	-0.21742	0.001040346
chr17	64850001	64950000	982	1107	64900000	-0.24523	0.000261567
chr17	64900001	65000000	1019	1098	64950000	-0.1801	0.005341341
chr17	64950001	65050000	1047	1151	6.50E+07	-0.209	0.001538024
chr17	65000001	65100000	986	1054	65050000	-0.16859	0.008412954
chr17	65350001	65450000	892	748	65400000	0.181634	0.005136095
chr17	65500001	65600000	991	862	65550000	0.128825	0.034065738
chr17	65550001	65650000	1005	834	65600000	0.196704	0.002738507
chr17	65600001	65700000	971	834	65650000	0.147052	0.01872371
chr17	65850001	65950000	851	732	65900000	0.144944	0.020124702
chr17	66100001	66200000	613	656	66150000	-0.17018	0.007911182
chr17	66200001	66300000	658	569	66250000	0.137287	0.025985466
chr17	66350001	66450000	887	921	66400000	-0.12664	0.036147971
chr17	66400001	66500000	863	917	66450000	-0.15993	0.011656945
chr17	67100001	67200000	996	855	67150000	0.14785	0.018216005
chr17	67250001	67350000	947	800	67300000	0.170993	0.007818253
chr17	67300001	67400000	911	768	67350000	0.173973	0.006964116
chr17	67700001	67800000	980	1014	67750000	-0.12158	0.04221543
chr17	68600001	68700000	1039	887	68650000	0.155818	0.013757166
chr17	68650001	68750000	1035	884	68700000	0.155141	0.014095347
chr17	68700001	68800000	1018	854	68750000	0.181058	0.005256873
chr17	68750001	68850000	964	800	68800000	0.196661	0.002743587
chr17	69100001	69200000	1025	871	69150000	0.162508	0.010776559
chr17	69150001	69250000	1056	905	69200000	0.150248	0.016759095

chr17	69300001	69400000	995	855	69350000	0.1464	0.019147641
chr17	69350001	69450000	1010	876	69400000	0.132981	0.02987031
chr17	69450001	69550000	1111	953	69500000	0.148939	0.01754147
chr17	69500001	69600000	1107	918	69550000	0.197717	0.002621434
chr17	69550001	69650000	1015	854	69600000	0.1768	0.0062314
chr17	69600001	69700000	962	840	69650000	0.123276	0.040415722
chr17	70250001	70350000	1039	1136	70300000	-0.20114	0.002189778
chr17	70300001	70400000	1008	1118	70350000	-0.2218	0.000844972
chr17	70350001	70450000	1000	1041	70400000	-0.13034	0.032179372
chr17	70450001	70550000	931	962	70500000	-0.11963	0.04475998
chr17	70500001	70600000	948	1016	70550000	-0.17231	0.00728097
chr17	70550001	70650000	983	1058	70600000	-0.17845	0.005708539
chr17	70600001	70700000	993	1029	70650000	-0.12375	0.03951667
chr17	70700001	70800000	937	967	70750000	-0.11784	0.047204033
chr17	71350001	71450000	1030	1065	71400000	-0.12058	0.043499775
chr17	71400001	71500000	1000	1074	71450000	-0.17537	0.006456196
chr17	71450001	71550000	1099	1201	71500000	-0.20042	0.002260807
chr17	71500001	71600000	1159	1198	71550000	-0.12012	0.044106508
chr17	71650001	71750000	1036	1072	71700000	-0.12165	0.042117446
chr17	71750001	71850000	1053	1140	71800000	-0.1869	0.004038168
chr17	71800001	71900000	1051	1085	71850000	-0.1183	0.04655791
chr17	72150001	72250000	989	1129	72200000	-0.26337	9.87E-05
chr17	72200001	72300000	952	1057	72250000	-0.22331	0.000785524
chr17	72300001	72400000	1057	1092	72350000	-0.11937	0.045106368
chr17	72350001	72450000	991	1028	72400000	-0.12526	0.037730475
chr17	72400001	72500000	927	963	72450000	-0.12734	0.035369071
chr17	72450001	72550000	944	1000	72500000	-0.15551	0.013699426
chr17	72500001	72600000	1037	1086	72550000	-0.13898	0.024307075
chr17	72700001	72800000	993	1099	72750000	-0.2187	0.00097947
chr17	72750001	72850000	1067	1268	72800000	-0.32137	2.96E-06
chr17	72800001	72900000	1056	1301	72850000	-0.37338	7.78E-08
chr17	72850001	72950000	913	1040	72900000	-0.26027	0.000117073
chr17	72900001	73000000	885	942	72950000	-0.16242	0.010627925
chr17	72950001	73050000	827	892	7.30E+07	-0.18153	0.005039396
chr17	73000001	73100000	799	855	73050000	-0.1701	0.007935676
chr17	73050001	73150000	853	889	73100000	-0.13201	0.030513702
chr17	73200001	73300000	781	815	73250000	-0.13385	0.028759713
chr17	73250001	73350000	778	827	73300000	-0.16049	0.011419793
chr17	73400001	73500000	831	870	73450000	-0.13854	0.024665747
chr17	73450001	73550000	950	1073	73500000	-0.24802	0.000226003
chr17	73500001	73600000	955	1096	73550000	-0.27105	6.42E-05
chr17	73550001	73650000	986	1183	73600000	-0.33516	1.18E-06
chr17	73600001	73700000	1009	1124	73650000	-0.22809	0.000622748
chr17	73650001	73750000	929	980	73700000	-0.14947	0.0169852
chr17	73800001	73900000	869	1003	73850000	-0.27927	4.00E-05
chr17	73850001	73950000	869	947	73900000	-0.19638	0.002697617
chr17	73950001	74050000	818	861	7.40E+07	-0.14628	0.018979485

chr17	74000001	74100000	895	972	74050000	-0.19144	0.003335354
chr17	74400001	74500000	982	1035	74450000	-0.14821	0.017754703
chr17	74450001	74550000	931	1043	74500000	-0.23626	0.000414592
chr17	74500001	74600000	897	931	74550000	-0.12604	0.036820338
chr17	74850001	74950000	1004	1048	74900000	-0.13425	0.028387928
chr17	74950001	75050000	976	851	7.50E+07	0.12535	0.037937535
chr17	75000001	75100000	895	783	75050000	0.120504	0.043931751
chr17	75050001	75150000	788	839	75100000	-0.16285	0.010460119
chr17	75200001	75300000	945	978	75250000	-0.12189	0.041813819
chr17	75400001	75500000	1008	1114	75450000	-0.21663	0.00108012
chr17	75450001	75550000	970	1080	75500000	-0.22735	0.000645782
chr17	75650001	75750000	1052	1097	75700000	-0.1328	0.029748879
chr17	75700001	75800000	1046	1085	75750000	-0.12518	0.037813307
chr17	76050001	76150000	977	1106	76100000	-0.25129	0.000190092
chr17	76100001	76200000	928	1136	76150000	-0.36414	1.54E-07
chr17	76150001	76250000	880	966	76200000	-0.20689	0.001692635
chr17	76200001	76300000	887	962	76250000	-0.18947	0.003624882
chr17	76250001	76350000	920	1023	76300000	-0.22547	0.000707591
chr17	76300001	76400000	961	1006	76350000	-0.13839	0.024784531
chr17	76750001	76850000	942	976	76800000	-0.12353	0.039787267
chr17	76800001	76900000	936	979	76850000	-0.13717	0.02580485
chr17	76950001	77050000	1003	1051	7.70E+07	-0.13981	0.023642096
chr17	77000001	77100000	1014	1104	77050000	-0.19505	0.002856939
chr17	77050001	77150000	1055	1208	77100000	-0.26775	7.73E-05
chr17	77100001	77200000	1117	1285	77150000	-0.27451	5.27E-05
chr17	77150001	77250000	1135	1253	77200000	-0.21507	0.001162043
chr17	77200001	77300000	1129	1217	77250000	-0.18066	0.005221492
chr17	77250001	77350000	1114	1181	77300000	-0.15663	0.013155285
chr17	77300001	77400000	1105	1214	77350000	-0.20809	0.001602739
chr17	77350001	77450000	1092	1221	77400000	-0.23346	0.000477161
chr17	77400001	77500000	1032	1158	77450000	-0.23856	0.000368817
chr17	77450001	77550000	652	715	77500000	-0.20544	0.001807024
chr17	77550001	77650000	211	225	77600000	-0.16505	0.009626577
chr17	77600001	77700000	662	729	77650000	-0.21146	0.00137381
chr17	77650001	77750000	901	1021	77700000	-0.25276	0.000175824
chr17	77700001	77800000	929	1157	77750000	-0.38901	2.38E-08
chr17	77750001	77850000	977	1248	77800000	-0.42556	1.28E-09
chr17	77800001	77900000	998	1151	77850000	-0.27815	4.27E-05
chr17	77850001	77950000	1025	1101	77900000	-0.17556	0.006406043
chr17	77950001	78050000	1003	1064	7.80E+07	-0.15755	0.012723323
chr17	78000001	78100000	927	1069	78050000	-0.27799	4.31E-05
chr17	78050001	78150000	922	992	78100000	-0.17795	0.00582501
chr17	78200001	78300000	901	949	78250000	-0.14725	0.018354004
chr17	78300001	78400000	858	928	78350000	-0.18552	0.004276917
chr17	78350001	78450000	912	1092	78400000	-0.33224	1.44E-06
chr17	78400001	78500000	986	1205	78450000	-0.36175	1.83E-07
chr17	78450001	78550000	889	1002	78500000	-0.245	0.000264763

chr17	78500001	78600000	887	936	78550000	-0.14995	0.016706428
chr17	78550001	78650000	973	1023	78600000	-0.14467	0.02006484
chr17	78750001	78850000	1064	1133	78800000	-0.16302	0.010391974
chr17	78800001	78900000	1016	1207	78850000	-0.3209	3.05E-06
chr17	78850001	78950000	1015	1124	78900000	-0.21953	0.000941341
chr17	78900001	79000000	1012	1067	78950000	-0.14872	0.017438446
chr17	78950001	79050000	1043	1194	7.90E+07	-0.26744	7.87E-05
chr17	79000001	79100000	1111	1356	79050000	-0.35987	2.09E-07
chr17	79050001	79150000	1028	1335	79100000	-0.44937	1.70E-10
chr17	79100001	79200000	963	1272	79150000	-0.47386	1.94E-11
chr17	79150001	79250000	1053	1218	79200000	-0.28238	3.34E-05
chr17	79200001	79300000	1121	1172	79250000	-0.13656	0.026330861
chr17	79250001	79350000	1014	1093	79300000	-0.18061	0.005231662
chr17	79300001	79400000	1018	1240	79350000	-0.35697	2.58E-07
chr17	79350001	79450000	1127	1398	79400000	-0.38325	3.70E-08
chr17	79400001	79500000	1015	1183	79450000	-0.29334	1.74E-05
chr17	79450001	79550000	992	1068	79500000	-0.17887	0.005612117
chr17	79500001	79600000	928	977	79550000	-0.14661	0.018769975
chr17	79550001	79650000	763	895	79600000	-0.30258	9.84E-06
chr17	79600001	79700000	844	1118	79650000	-0.47798	1.34E-11
chr17	79650001	79750000	555	737	79700000	-0.48155	9.66E-12
chr17	79700001	79800000	472	577	79750000	-0.36216	1.77E-07
chr17	79750001	79850000	852	996	79800000	-0.29766	1.33E-05
chr17	79800001	79900000	987	1161	79850000	-0.30662	7.64E-06
chr17	79850001	79950000	929	1216	79900000	-0.46076	6.28E-11
chr17	79900001	80000000	955	1234	79950000	-0.44214	3.17E-10
chr17	79950001	80050000	1039	1269	8.00E+07	-0.36087	1.95E-07
chr17	80000001	80100000	928	1127	80050000	-0.35266	3.50E-07
chr17	80050001	80150000	887	1012	80100000	-0.26258	0.000103124
chr17	80100001	80200000	947	1091	80150000	-0.27659	4.68E-05
chr17	80150001	80250000	987	1129	80200000	-0.2663	8.39E-05
chr17	80200001	80300000	1010	1128	80250000	-0.23178	0.00051883
chr17	80250001	80350000	999	1116	80300000	-0.23215	0.000509399
chr17	80300001	80400000	945	1085	80350000	-0.27168	6.19E-05
chr17	80350001	80450000	928	1043	80400000	-0.24091	0.000327045
chr17	80600001	80700000	886	956	80650000	-0.18208	0.004928062
chr17	80650001	80750000	792	924	80700000	-0.29476	1.59E-05
chr17	80700001	80800000	919	1016	80750000	-0.21714	0.0010545
chr17	80750001	80850000	1038	1142	80800000	-0.21013	0.001460533
chr17	80800001	80900000	1032	1185	80850000	-0.27182	6.14E-05
chr17	80850001	80950000	986	1110	80900000	-0.24327	0.000289606
chr17	80900001	81000000	898	947	80950000	-0.14902	0.017257618
chr17	81000001	81100000	1067	1122	81050000	-0.14488	0.019915549
chr17	81050001	81150000	1046	1170	81100000	-0.234	0.00046454
chr17	81100001	81200000	550	604	81150000	-0.20749	0.001647421
chr17	81150001	81250000	36	30	81200000	0.190663	0.003540577
chr21	9350001	9450000	193	212	9400000	-0.20784	0.001621699

chr21	9450001	9550000	310	262	9500000	0.17033	0.008020399
chr21	9600001	9700000	148	123	9650000	0.194567	0.003001206
chr21	9700001	9800000	32	43	9750000	-0.49864	1.97E-12
chr21	9750001	9850000	2171	2701	9800000	-0.38751	2.68E-08
chr21	9800001	9900000	2497	3012	9850000	-0.3429	6.94E-07
chr21	9950001	10050000	129	137	1.00E+07	-0.15918	0.011986426
chr21	10000001	10100000	142	169	10050000	-0.3235	2.57E-06
chr21	10050001	10150000	120	143	10100000	-0.32535	2.28E-06
chr21	10100001	10200000	72	60	10150000	0.190663	0.003540577
chr21	10150001	10250000	27	28	10200000	-0.12484	0.038217021
chr21	10200001	10300000	5	9	10250000	-0.92037	2.34E-34
chr21	10300001	10400000	68	56	10350000	0.207736	0.00168529
chr21	10450001	10550000	153	114	10500000	0.352126	4.24E-07
chr21	10500001	10600000	208	158	10550000	0.324287	2.76E-06
chr21	10550001	10650000	237	190	10600000	0.246516	0.000258456
chr21	10600001	10700000	256	220	10650000	0.146269	0.019234364
chr21	10700001	10800000	3683	3904	10750000	-0.15644	0.013245452
chr21	10750001	10850000	3187	4088	10800000	-0.43157	7.77E-10
chr21	10800001	10900000	2140	2710	10850000	-0.41305	3.57E-09
chr21	10950001	11050000	636	663	1.10E+07	-0.13235	0.03017875
chr21	11150001	11250000	867	740	11200000	0.156135	0.013601241
chr21	14400001	14500000	61	42	14450000	0.466048	5.49E-11
chr21	14450001	14550000	32	26	14500000	0.227189	0.000679876
chr21	14500001	14600000	43	31	14550000	0.399697	1.29E-08
chr21	14550001	14650000	96	65	14600000	0.490223	6.39E-12
chr21	14600001	14700000	130	104	14650000	0.249556	0.000220671
chr21	14650001	14750000	99	106	14700000	-0.17094	0.007682756
chr21	14750001	14850000	146	96	14800000	0.53249	1.22E-13
chr21	14800001	14900000	113	94	14850000	0.193218	0.003178495
chr21	14900001	15000000	95	81	14950000	0.157634	0.012884707
chr21	14950001	15050000	82	71	1.50E+07	0.135433	0.027602667
chr21	15100001	15200000	133	146	15150000	-0.20691	0.001690915
chr21	15150001	15250000	158	183	15200000	-0.28429	2.98E-05
chr21	15200001	15300000	138	153	15250000	-0.22124	0.000867989
chr21	15300001	15400000	148	162	15350000	-0.20277	0.002036956
chr21	15350001	15450000	385	404	15400000	-0.14187	0.022066055
chr21	16050001	16150000	1074	926	16100000	0.141538	0.02257581
chr21	16100001	16200000	1007	811	16150000	0.239918	0.000362196
chr21	16150001	16250000	956	809	16200000	0.168499	0.008602617
chr21	16200001	16300000	1049	896	16250000	0.155072	0.01412993
chr21	16250001	16350000	968	792	16300000	0.217135	0.001095891
chr21	16300001	16400000	983	829	16350000	0.173448	0.007108414
chr21	16500001	16600000	1040	905	16550000	0.128222	0.034713544
chr21	17050001	17150000	1060	892	17100000	0.176577	0.006286629
chr21	17100001	17200000	1071	930	17150000	0.131284	0.031528278
chr21	17150001	17250000	1054	894	17200000	0.165156	0.009762387
chr21	17200001	17300000	964	836	17250000	0.133158	0.029700954

chr21	17250001	17350000	919	798	17300000	0.131304	0.031508042
chr21	17550001	17650000	995	863	17600000	0.132964	0.029886127
chr21	17600001	17700000	1036	880	17650000	0.163077	0.010551144
chr21	17650001	17750000	1082	924	17700000	0.155364	0.013983066
chr21	17700001	17800000	965	839	17750000	0.129486	0.033367587
chr21	18050001	18150000	957	832	18100000	0.129564	0.03328675
chr21	18100001	18200000	976	796	18150000	0.221741	0.000882521
chr21	18150001	18250000	1039	899	18200000	0.136431	0.026722213
chr21	18300001	18400000	1021	854	18350000	0.185303	0.004423024
chr21	18350001	18450000	1007	846	18400000	0.178962	0.00571805
chr21	18600001	18700000	717	756	18650000	-0.14878	0.017400563
chr21	18650001	18750000	704	732	18700000	-0.12864	0.033956101
chr21	19750001	19850000	932	802	19800000	0.144356	0.020530807
chr21	19800001	19900000	901	771	19850000	0.152424	0.015525127
chr21	19850001	19950000	944	822	19900000	0.127277	0.035748947
chr21	19900001	20000000	1011	875	19950000	0.136056	0.027049939
chr21	19950001	20050000	1079	923	2.00E+07	0.152921	0.015255048
chr21	20100001	20200000	969	826	20150000	0.157983	0.012722521
chr21	20300001	20400000	1031	892	20350000	0.136557	0.026612645
chr21	20450001	20550000	965	801	20500000	0.196355	0.002779988
chr21	20700001	20800000	987	811	20750000	0.210976	0.001455438
chr21	20750001	20850000	1040	876	20800000	0.175209	0.006634856
chr21	20900001	21000000	1045	873	20950000	0.187078	0.004111137
chr21	20950001	21050000	1022	823	2.10E+07	0.240059	0.000359622
chr21	21000001	21100000	1018	804	21050000	0.268098	8.13E-05
chr21	21050001	21150000	1003	815	21100000	0.227078	0.000683523
chr21	21350001	21450000	1012	854	21400000	0.17253	0.007366886
chr21	21400001	21500000	1013	821	21450000	0.230808	0.000570042
chr21	21850001	21950000	974	843	21900000	0.136017	0.027084197
chr21	21900001	22000000	966	839	21950000	0.130981	0.031832742
chr21	22450001	22550000	1009	884	22500000	0.118436	0.046711968
chr21	22500001	22600000	1027	866	22550000	0.173625	0.007059253
chr21	22550001	22650000	999	866	22600000	0.133746	0.029146726
chr21	22600001	22700000	1019	881	22650000	0.137568	0.02574728
chr21	22650001	22750000	1018	890	22700000	0.121489	0.042655182
chr21	22700001	22800000	1022	834	22750000	0.220904	0.000918183
chr21	22750001	22850000	1036	801	22800000	0.298778	1.37E-05
chr21	22800001	22900000	999	824	22850000	0.205469	0.001865376
chr21	22950001	23050000	1043	864	2.30E+07	0.199264	0.002451401
chr21	23000001	23100000	952	803	23050000	0.17319	0.007180157
chr21	23050001	23150000	1030	854	23100000	0.197965	0.002593562
chr21	23100001	23200000	1084	914	23150000	0.173727	0.007031364
chr21	23300001	23400000	984	833	23350000	0.16797	0.008777693
chr21	23350001	23450000	958	828	23400000	0.138023	0.025365958
chr21	23400001	23500000	1018	883	23450000	0.13288	0.029966262
chr21	23550001	23650000	1027	901	23600000	0.116465	0.049492323
chr21	23650001	23750000	967	828	23700000	0.151513	0.016031921

chr21	23700001	23800000	957	828	23750000	0.136516	0.026647851
chr21	23850001	23950000	891	764	23900000	0.149481	0.017213857
chr21	23900001	24000000	933	799	23950000	0.15131	0.016147063
chr21	24200001	24300000	940	805	24250000	0.1513	0.016152514
chr21	24250001	24350000	947	781	24300000	0.20567	0.001848687
chr21	24300001	24400000	998	817	24350000	0.216332	0.001137615
chr21	24350001	24450000	994	838	24400000	0.173924	0.006977499
chr21	24400001	24500000	1036	900	24450000	0.130655	0.03216178
chr21	24650001	24750000	967	822	24700000	0.162006	0.010978724
chr21	24700001	24800000	997	798	24750000	0.248833	0.00022916
chr21	24750001	24850000	1036	823	24800000	0.259688	0.000128826
chr21	24800001	24900000	1030	853	24850000	0.199655	0.002410061
chr21	24850001	24950000	997	851	24900000	0.156063	0.013636684
chr21	24900001	25000000	1002	842	24950000	0.178619	0.005797051
chr21	24950001	25050000	978	853	2.50E+07	0.124917	0.038444608
chr21	25000001	25100000	1010	851	25050000	0.174752	0.006754818
chr21	25050001	25150000	1001	833	25100000	0.192682	0.003251611
chr21	25100001	25200000	942	826	25150000	0.117214	0.048421652
chr21	25150001	25250000	978	816	25200000	0.188894	0.003812553
chr21	25200001	25300000	1031	860	25250000	0.189264	0.003754092
chr21	25350001	25450000	986	843	25400000	0.153683	0.014847702
chr21	25400001	25500000	1034	879	25450000	0.161929	0.011009786
chr21	25450001	25550000	1026	900	25500000	0.116662	0.049209057
chr21	25600001	25700000	995	863	25650000	0.132964	0.029886127
chr21	25650001	25750000	1013	854	25700000	0.173954	0.006969164
chr21	25750001	25850000	1033	887	25800000	0.147462	0.018460965
chr21	25800001	25900000	1067	843	25850000	0.267584	8.37E-05
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chr21	26200001	26300000	946	807	26250000	0.1569	0.013231438
chr21	26550001	26650000	1020	890	26600000	0.12432	0.039152111
chr21	27150001	27250000	903	969	27200000	-0.17414	0.006776217
chr21	28500001	28600000	1065	845	28550000	0.261458	0.000117049
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chr21	28800001	28900000	1002	861	28850000	0.146426	0.019131061
chr21	28850001	28950000	1006	858	28900000	0.157209	0.013084401
chr21	28950001	29050000	1000	811	2.90E+07	0.229854	0.000597266
chr21	29000001	29100000	1022	853	29050000	0.188406	0.003890775
chr21	29050001	29150000	1019	877	29100000	0.144134	0.020686287
chr21	29100001	29200000	992	820	29150000	0.202344	0.002142272
chr21	29150001	29250000	719	585	29200000	0.225183	0.000748846
chr21	29200001	29300000	340	281	29250000	0.202593	0.002118958
chr21	29350001	29450000	368	322	29400000	0.120273	0.044234652
chr21	29400001	29500000	731	636	29450000	0.128473	0.034443035
chr21	29450001	29550000	938	820	29500000	0.121592	0.042522557
chr21	29650001	29750000	1032	872	29700000	0.170671	0.007915704
chr21	30200001	30300000	920	782	30250000	0.162093	0.01094313

chr21	30350001	30450000	938	805	30400000	0.148227	0.017979592
chr21	30450001	30550000	991	869	30500000	0.117157	0.048501713
chr21	30500001	30600000	1067	903	30550000	0.168391	0.00863831
chr21	30600001	30700000	965	1033	30650000	-0.17061	0.007780177
chr21	31300001	31400000	1064	928	31350000	0.12493	0.038429648
chr21	32050001	32150000	1046	915	32100000	0.120667	0.043717297
chr21	32750001	32850000	940	806	32800000	0.149509	0.017197004
chr21	32800001	32900000	965	827	32850000	0.15027	0.016746517
chr21	33650001	33750000	959	1042	33700000	-0.19212	0.003239621
chr21	33700001	33800000	978	1016	33750000	-0.12737	0.035338649
chr21	33950001	34050000	873	915	3.40E+07	-0.14016	0.023368017
chr21	34100001	34200000	923	980	34150000	-0.15882	0.012143276
chr21	34800001	34900000	873	751	34850000	0.144797	0.020225441
chr21	34850001	34950000	930	808	34900000	0.130504	0.032316166
chr21	35000001	35100000	950	818	35050000	0.143455	0.021166888
chr21	35050001	35150000	968	807	35100000	0.190067	0.003630192
chr21	35550001	35650000	1128	967	35600000	0.149808	0.017019093
chr21	35900001	36000000	998	1044	35950000	-0.13738	0.025627276
chr21	36250001	36350000	1038	1086	36300000	-0.13759	0.025452402
chr21	37900001	38000000	975	1044	37950000	-0.17102	0.007657781
chr21	38050001	38150000	1053	1114	38100000	-0.15362	0.014667079
chr21	38100001	38200000	1025	1082	38150000	-0.15045	0.016413711
chr21	38400001	38500000	903	792	38450000	0.116854	0.048934131
chr21	38900001	39000000	944	980	38950000	-0.12637	0.036454846
chr21	38950001	39050000	950	1056	3.90E+07	-0.22498	0.000724627
chr21	39000001	39100000	956	1067	39050000	-0.23085	0.000543456
chr21	39050001	39150000	972	1024	39100000	-0.14756	0.018159769
chr21	39150001	39250000	1052	1086	39200000	-0.11826	0.046617256
chr21	39200001	39300000	1007	1076	39250000	-0.16799	0.008609335
chr21	39500001	39600000	1013	1047	39550000	-0.12	0.044265398
chr21	40100001	40200000	987	1076	40150000	-0.19693	0.002634161
chr21	40150001	40250000	1055	1097	40200000	-0.12869	0.033900312
chr21	40300001	40400000	1044	1164	40350000	-0.22934	0.000585518
chr21	40350001	40450000	999	1103	40400000	-0.21525	0.001152192
chr21	40400001	40500000	1048	1085	40450000	-0.12243	0.041139756
chr21	40800001	40900000	907	948	40850000	-0.13616	0.026679885
chr21	41100001	41200000	876	935	41150000	-0.16641	0.009144652
chr21	41150001	41250000	933	1090	41200000	-0.29675	1.41E-05
chr21	41200001	41300000	1031	1128	41250000	-0.20209	0.002098943
chr21	41350001	41450000	958	1025	41400000	-0.1699	0.007998136
chr21	41550001	41650000	1007	1041	41600000	-0.12028	0.043896761
chr21	41850001	41950000	1045	917	41900000	0.116138	0.049967497
chr21	41950001	42050000	959	1002	4.20E+07	-0.13565	0.02712381
chr21	42000001	42100000	1009	1045	42050000	-0.12295	0.040493962
chr21	42150001	42250000	958	1042	42200000	-0.19363	0.003037611
chr21	42200001	42300000	954	1056	42250000	-0.21892	0.000969174
chr21	42350001	42450000	1037	1096	42400000	-0.1522	0.015424848

chr21	42400001	42500000	968	1043	42450000	-0.18003	0.005355158
chr21	42450001	42550000	1019	1116	42500000	-0.20355	0.001966737
chr21	42500001	42600000	1002	1078	42550000	-0.17785	0.005848114
chr21	42550001	42650000	956	1006	42600000	-0.14592	0.019219604
chr21	42600001	42700000	983	1033	42650000	-0.14395	0.020562788
chr21	42700001	42800000	971	1009	42750000	-0.12775	0.034911807
chr21	42750001	42850000	961	1002	42800000	-0.13265	0.029897116
chr21	42950001	43050000	465	496	4.30E+07	-0.16548	0.009472046
chr21	43000001	43100000	974	1045	43050000	-0.17388	0.006846398
chr21	43050001	43150000	1092	1129	43100000	-0.12044	0.043678379
chr21	43200001	43300000	1030	1079	43250000	-0.13942	0.023951979
chr21	43250001	43350000	1020	1091	43300000	-0.16945	0.008136681
chr21	43350001	43450000	1064	1105	43400000	-0.12692	0.035833171
chr21	43400001	43500000	1086	1160	43450000	-0.16747	0.008780394
chr21	43450001	43550000	1127	1201	43500000	-0.16412	0.009971742
chr21	43500001	43600000	1099	1177	43550000	-0.17129	0.00757618
chr21	43550001	43650000	1036	1103	43600000	-0.16278	0.010486144
chr21	43600001	43700000	1011	1139	43650000	-0.24436	0.000273762
chr21	43650001	43750000	1015	1132	43700000	-0.22977	0.000573374
chr21	43800001	43900000	1032	1102	43850000	-0.16705	0.008922278
chr21	43850001	43950000	1010	1134	43900000	-0.23944	0.00035275
chr21	43900001	44000000	1091	1178	43950000	-0.18306	0.004733339
chr21	44000001	44100000	1008	1089	44050000	-0.18388	0.004576551
chr21	44050001	44150000	1011	1075	44100000	-0.16093	0.011236571
chr21	44200001	44300000	865	939	44250000	-0.1908	0.003427763
chr21	44250001	44350000	821	918	44300000	-0.23348	0.000476646
chr21	44300001	44400000	640	716	44350000	-0.23426	0.000458477
chr21	44450001	44550000	892	993	44500000	-0.22712	0.000652918
chr21	44500001	44600000	942	1008	44550000	-0.17007	0.007945589
chr21	44550001	44650000	888	941	44600000	-0.15601	0.013456836
chr21	44600001	44700000	554	576	44650000	-0.12855	0.034047331
chr21	44650001	44750000	743	776	44700000	-0.13507	0.027646369
chr21	44700001	44800000	1131	1255	44750000	-0.22246	0.000818469
chr21	44750001	44850000	1172	1451	44800000	-0.38045	4.58E-08
chr21	44800001	44900000	1113	1381	44850000	-0.38363	3.60E-08
chr21	44850001	44950000	982	1195	44900000	-0.35559	2.85E-07
chr21	44900001	45000000	942	1069	44950000	-0.25483	0.000157267
chr21	44950001	45050000	953	984	4.50E+07	-0.11855	0.046214249
chr21	45000001	45100000	925	989	45050000	-0.16889	0.008315808
chr21	45050001	45150000	907	962	45100000	-0.15731	0.012836225
chr21	45100001	45200000	976	1017	45150000	-0.13174	0.030779462
chr21	45150001	45250000	1010	1109	45200000	-0.20728	0.001663406
chr21	45200001	45300000	944	1040	45250000	-0.2121	0.001333999
chr21	45250001	45350000	943	985	45300000	-0.13524	0.027492391
chr21	45300001	45400000	973	1144	45350000	-0.30595	7.97E-06
chr21	45350001	45450000	936	1166	45400000	-0.38936	2.32E-08
chr21	45400001	45500000	927	1037	45450000	-0.23415	0.000461083

chr21	45500001	45600000	1067	1108	45550000	-0.12677	0.036001408
chr21	45550001	45650000	1079	1202	45600000	-0.22811	0.000621949
chr21	45600001	45700000	992	1139	45650000	-0.27173	6.18E-05
chr21	45650001	45750000	976	1241	45700000	-0.41892	2.22E-09
chr21	45700001	45800000	979	1220	45750000	-0.38987	2.23E-08
chr21	45750001	45850000	933	1004	45800000	-0.17818	0.005769884
chr21	45800001	45900000	960	1095	45850000	-0.2622	0.000105302
chr21	45850001	45950000	988	1192	45900000	-0.34317	6.81E-07
chr21	45900001	46000000	951	1074	45950000	-0.24785	0.00022808
chr21	45950001	46050000	905	1005	4.60E+07	-0.22358	0.000775588
chr21	46000001	46100000	909	1009	46050000	-0.22295	0.000799574
chr21	46050001	46150000	946	1014	46100000	-0.17252	0.007223043
chr21	46100001	46200000	1004	1095	46150000	-0.19754	0.002564481
chr21	46150001	46250000	1043	1105	46200000	-0.15568	0.013617469
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chr21	46300001	46400000	1008	1232	46350000	-0.36188	1.81E-07
chr21	46350001	46450000	1004	1269	46400000	-0.4103	4.46E-09
chr21	46400001	46500000	1051	1223	46450000	-0.29103	1.99E-05
chr21	46450001	46550000	1056	1145	46500000	-0.18911	0.003681067
chr21	46500001	46600000	1059	1168	46550000	-0.21371	0.001237899
chr21	46650001	46750000	979	1129	46700000	-0.27804	4.30E-05
chr21	46700001	46800000	1039	1219	46750000	-0.30287	9.66E-06
chr21	46750001	46850000	1058	1215	46800000	-0.27199	6.08E-05
chr21	46800001	46900000	1077	1317	46850000	-0.36261	1.72E-07
chr21	46850001	46950000	1071	1378	46900000	-0.43599	5.35E-10
chr21	46900001	47000000	1031	1289	46950000	-0.39458	1.55E-08
chr21	46950001	47050000	997	1158	4.70E+07	-0.28834	2.34E-05
chr21	47000001	47100000	952	1050	47050000	-0.21373	0.001236854
chr21	47300001	47400000	1005	1057	47350000	-0.14515	0.01973379
chr21	47350001	47450000	1012	1167	47400000	-0.27797	4.32E-05
chr21	47400001	47500000	1050	1162	47450000	-0.21859	0.000984356
chr21	47450001	47550000	1015	1143	47500000	-0.24372	0.000282997
chr21	47500001	47600000	1003	1189	47550000	-0.3178	3.74E-06
chr21	47550001	47650000	1017	1080	47600000	-0.15908	0.012027579
chr21	47700001	47800000	880	967	47750000	-0.20838	0.001581697
chr21	47750001	47850000	902	974	47800000	-0.18317	0.004712865
chr21	47900001	48000000	971	1007	47950000	-0.12489	0.038154658
chr21	48100001	48200000	4	1	48150000	1.927628	4.39E-93
chr16	1	100000	120	141	50000	-0.30503	8.44E-06
chr16	50001	150000	599	741	1.00E+05	-0.37929	5.00E-08
chr16	100001	200000	921	1077	150000	-0.29812	1.30E-05
chr16	150001	250000	809	909	2.00E+05	-0.24051	0.00033386
chr16	200001	300000	740	807	250000	-0.19742	0.002578855
chr16	250001	350000	825	883	3.00E+05	-0.17039	0.007846885
chr16	300001	400000	939	998	350000	-0.16029	0.011505682
chr16	350001	450000	942	1079	4.00E+05	-0.26827	7.51E-05
chr16	400001	500000	814	1004	450000	-0.37503	6.88E-08

chr16	450001	550000	784	815	5.00E+05	-0.12832	0.034301005
chr16	500001	600000	899	949	550000	-0.15046	0.016407706
chr16	550001	650000	981	1244	6.00E+05	-0.41503	3.04E-09
chr16	600001	700000	975	1287	650000	-0.47291	2.12E-11
chr16	650001	750000	1009	1318	7.00E+05	-0.4578	8.15E-11
chr16	700001	800000	991	1364	750000	-0.53326	6.93E-14
chr16	750001	850000	931	1275	8.00E+05	-0.52602	1.42E-13
chr16	800001	900000	1015	1192	850000	-0.30428	8.85E-06
chr16	850001	950000	1023	1175	9.00E+05	-0.27223	6.00E-05
chr16	900001	1000000	1003	1131	950000	-0.24565	0.000255939
chr16	950001	1050000	1045	1113	1.00E+06	-0.16332	0.010275382
chr16	1000001	1100000	1055	1287	1050000	-0.35914	2.21E-07
chr16	1050001	1150000	1031	1333	1100000	-0.443	2.95E-10
chr16	1100001	1200000	1087	1355	1150000	-0.39031	2.16E-08
chr16	1150001	1250000	1171	1420	1200000	-0.35052	4.08E-07
chr16	1200001	1300000	934	1183	1250000	-0.41333	3.49E-09
chr16	1250001	1350000	749	966	1300000	-0.43943	4.00E-10
chr16	1300001	1400000	950	1145	1350000	-0.34172	7.53E-07
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chr16	1450001	1550000	925	1084	1500000	-0.30121	1.07E-05
chr16	1500001	1600000	1031	1187	1550000	-0.27565	4.94E-05
chr16	1550001	1650000	984	1132	1600000	-0.27452	5.27E-05
chr16	1600001	1700000	982	1043	1650000	-0.15932	0.011925099
chr16	1700001	1800000	1004	1079	1750000	-0.17631	0.006219075
chr16	1750001	1850000	918	1162	1800000	-0.41242	3.76E-09
chr16	1800001	1900000	875	1088	1850000	-0.3867	2.85E-08
chr16	1900001	2000000	868	900	1950000	-0.1246	0.038497122
chr16	1950001	2050000	940	1104	2.00E+06	-0.30438	8.79E-06
chr16	2000001	2100000	940	1160	2050000	-0.37576	6.51E-08
chr16	2050001	2150000	939	1210	2100000	-0.43818	4.45E-10
chr16	2100001	2200000	632	808	2150000	-0.4268	1.16E-09
chr16	2150001	2250000	686	868	2200000	-0.41186	3.93E-09
chr16	2200001	2300000	981	1268	2250000	-0.4426	3.05E-10
chr16	2250001	2350000	882	1080	2300000	-0.36455	1.49E-07
chr16	2300001	2400000	873	913	2350000	-0.137	0.025947134
chr16	2450001	2550000	918	1043	2500000	-0.25654	0.000143398
chr16	2500001	2600000	933	1044	2550000	-0.23454	0.000451964
chr16	2600001	2700000	213	266	2650000	-0.39294	1.76E-08
chr16	2650001	2750000	319	406	2700000	-0.4203	1.98E-09
chr16	2700001	2800000	741	899	2750000	-0.35122	3.88E-07
chr16	2750001	2850000	982	1171	2800000	-0.32632	2.14E-06
chr16	2800001	2900000	1032	1151	2850000	-0.22982	0.000571943
chr16	2850001	2950000	919	1007	2900000	-0.2043	0.00190234
chr16	2900001	3000000	732	820	2950000	-0.23615	0.000416815
chr16	2950001	3050000	881	950	3.00E+06	-0.18116	0.00511608
chr16	3000001	3100000	1040	1087	3050000	-0.13614	0.026693948

chr16	3050001	3150000	914	954	3100000	-0.13417	0.028465613
chr16	3100001	3200000	872	973	3150000	-0.23048	0.000553397
chr16	3150001	3250000	910	1031	3200000	-0.25248	0.000178456
chr16	3200001	3300000	907	938	3250000	-0.12086	0.04313999
chr16	3850001	3950000	926	956	3900000	-0.11837	0.046466815
chr16	4000001	4100000	867	926	4050000	-0.16735	0.008820951
chr16	4300001	4400000	940	1047	4350000	-0.2279	0.000628489
chr16	4350001	4450000	1014	1263	4400000	-0.38917	2.35E-08
chr16	4400001	4500000	908	1107	4450000	-0.35826	2.35E-07
chr16	4450001	4550000	821	857	4500000	-0.13428	0.028357091
chr16	4550001	4650000	890	942	4600000	-0.15429	0.014314788
chr16	4600001	4700000	853	953	4650000	-0.2323	0.000505606
chr16	4650001	4750000	1005	1173	4700000	-0.29538	1.53E-05
chr16	4700001	4800000	1023	1113	4750000	-0.19402	0.002987193
chr16	4750001	4850000	864	918	4800000	-0.15983	0.011699331
chr16	4800001	4900000	861	912	4850000	-0.15539	0.013759268
chr16	4900001	5000000	971	1022	4950000	-0.14622	0.019019084
chr16	4950001	5050000	877	959	5.00E+06	-0.20133	0.002171746
chr16	5000001	5100000	907	945	5050000	-0.13158	0.030932147
chr16	6450001	6550000	949	992	6500000	-0.1363	0.026551285
chr16	6500001	6600000	971	1051	6550000	-0.18659	0.004090502
chr16	6700001	6800000	1046	895	6750000	0.152551	0.015455584
chr16	7550001	7650000	973	1030	7600000	-0.1545	0.01420669
chr16	8850001	8950000	833	876	8900000	-0.14499	0.019846128
chr16	9550001	9650000	960	1040	9600000	-0.18785	0.003881164
chr16	10250001	10350000	934	1034	10300000	-0.21911	0.000960336
chr16	10300001	10400000	781	831	10350000	-0.1619	0.010837633
chr16	10950001	11050000	963	1034	1.10E+07	-0.175	0.00655038
chr16	11000001	11100000	996	1051	11050000	-0.14992	0.016723706
chr16	11150001	11250000	1075	1109	11200000	-0.11729	0.047968363
chr16	11200001	11300000	1046	1086	11250000	-0.12651	0.036289552
chr16	11250001	11350000	947	1013	11300000	-0.16957	0.008100348
chr16	11500001	11600000	963	1008	11550000	-0.13826	0.024894794
chr16	11600001	11700000	901	945	11650000	-0.14116	0.022599725
chr16	11650001	11750000	853	896	11700000	-0.14332	0.021004297
chr16	11950001	12050000	698	610	1.20E+07	0.122046	0.041946096
chr16	12000001	12100000	730	632	12050000	0.1356	0.027453612
chr16	12050001	12150000	784	635	12100000	0.231725	0.000544959
chr16	12450001	12550000	942	1032	12500000	-0.20402	0.001926599
chr16	12500001	12600000	957	1053	12550000	-0.21029	0.001449959
chr16	12550001	12650000	1011	1065	12600000	-0.14744	0.018233742
chr16	12600001	12700000	980	1026	12650000	-0.13855	0.024657445
chr16	13150001	13250000	995	1028	13200000	-0.11944	0.045006415
chr16	13250001	13350000	969	1021	13300000	-0.14779	0.018017182
chr16	13800001	13900000	971	1051	13850000	-0.18659	0.004090502
chr16	13850001	13950000	1013	1050	13900000	-0.12413	0.039062215
chr16	14800001	14900000	7	6	14850000	0.150021	0.016892961

chr16	14850001	14950000	21	17	14900000	0.232483	0.000525015
chr16	14900001	15000000	24	32	14950000	-0.48741	5.63E-12
chr16	14950001	15050000	33	48	1.50E+07	-0.61294	1.65E-17
chr16	15050001	15150000	464	485	15100000	-0.13623	0.026614063
chr16	15100001	15200000	437	473	15150000	-0.18658	0.004092643
chr16	15150001	15250000	177	196	15200000	-0.21948	0.000943941
chr16	15200001	15300000	50	59	15250000	-0.31116	5.73E-06
chr16	15300001	15400000	18	13	15350000	0.397114	1.57E-08
chr16	15350001	15450000	18	14	15400000	0.290198	2.29E-05
chr16	15400001	15500000	103	86	15450000	0.187864	0.003979348
chr16	16200001	16300000	847	898	16250000	-0.15673	0.013110542
chr16	16250001	16350000	411	427	16300000	-0.12747	0.035224489
chr16	16350001	16450000	6	8	16400000	-0.48741	5.63E-12
chr16	16400001	16500000	2	4	16450000	-1.07237	8.26E-44
chr16	16450001	16550000	13	14	16500000	-0.17929	0.00551887
chr16	16500001	16600000	32	28	16550000	0.120273	0.044234652
chr16	16550001	16650000	38	41	16600000	-0.182	0.004944075
chr16	16600001	16700000	51	67	16650000	-0.46604	3.93E-11
chr16	16750001	16850000	10	20	16800000	-1.07237	8.26E-44
chr16	16800001	16900000	392	411	16850000	-0.14066	0.022984179
chr16	18200001	18300000	52	60	18250000	-0.27882	4.11E-05
chr16	18250001	18350000	47	51	18300000	-0.19021	0.003514278
chr16	18300001	18400000	17	20	18350000	-0.30684	7.53E-06
chr16	18350001	18450000	6	8	18400000	-0.48741	5.63E-12
chr16	18400001	18500000	2	6	18450000	-1.65733	2.87E-81
chr16	18450001	18550000	4	10	18500000	-1.3943	1.23E-64
chr16	18500001	18600000	23	33	18550000	-0.5932	1.41E-16
chr16	18700001	18800000	124	104	18750000	0.181385	0.00518798
chr16	18750001	18850000	511	443	18800000	0.133645	0.029241453
chr16	18850001	18950000	342	362	18900000	-0.15437	0.014277985
chr16	19200001	19300000	1052	912	19250000	0.133657	0.029229832
chr16	19500001	19600000	904	790	19550000	0.122098	0.041880034
chr16	20300001	20400000	981	1020	20350000	-0.12862	0.03398184
chr16	20350001	20450000	848	908	20400000	-0.171	0.007663606
chr16	20400001	20500000	429	462	20450000	-0.17929	0.00551887
chr16	21350001	21450000	52	64	21400000	-0.37193	8.66E-08
chr16	21400001	21500000	8	7	21450000	0.120273	0.044234652
chr16	21450001	21550000	98	123	21500000	-0.40018	9.99E-09
chr16	21550001	21650000	968	840	21600000	0.132246	0.030579221
chr16	21700001	21800000	367	386	21750000	-0.14519	0.019706105
chr16	21750001	21850000	44	33	21800000	0.342666	8.12E-07
chr16	21800001	21900000	22	15	21850000	0.480169	1.58E-11
chr16	21850001	21950000	26	31	21900000	-0.32613	2.16E-06
chr16	22250001	22350000	926	957	22300000	-0.11988	0.044425366
chr16	22500001	22600000	38	20	22550000	0.853628	1.21E-29
chr16	23100001	23200000	916	954	23150000	-0.13101	0.03149972
chr16	23450001	23550000	869	934	23500000	-0.17644	0.006186761

chr16	24600001	24700000	924	797	24650000	0.140941	0.023030347
chr16	24650001	24750000	883	730	24700000	0.202145	0.002161139
chr16	24700001	24800000	981	838	24750000	0.154931	0.014201471
chr16	25050001	25150000	923	794	25100000	0.144482	0.020209695
chr16	25300001	25400000	874	937	25350000	-0.17279	0.007146991
chr16	25350001	25450000	879	945	25400000	-0.17682	0.006092545
chr16	25850001	25950000	1015	1063	25900000	-0.13903	0.024263761
chr16	26750001	26850000	1006	1139	26800000	-0.25151	0.000187914
chr16	26800001	26900000	997	1046	26850000	-0.14159	0.022274894
chr16	27000001	27100000	1011	1043	27050000	-0.11733	0.047921086
chr16	27050001	27150000	978	1031	27100000	-0.14851	0.017568599
chr16	27100001	27200000	948	1049	27150000	-0.21843	0.000992079
chr16	27150001	27250000	955	1059	27200000	-0.2215	0.000856985
chr16	27300001	27400000	980	1013	27350000	-0.12015	0.044062686
chr16	27350001	27450000	982	1034	27400000	-0.14681	0.018635748
chr16	27400001	27500000	1034	1082	27450000	-0.13784	0.025246001
chr16	27450001	27550000	1073	1128	27500000	-0.14449	0.020187022
chr16	27700001	27800000	1062	1119	27750000	-0.1478	0.01800968
chr16	27750001	27850000	1026	1066	27800000	-0.12755	0.035137642
chr16	28000001	28100000	994	1050	28050000	-0.15144	0.015846708
chr16	28200001	28300000	845	908	28250000	-0.17611	0.006267447
chr16	28250001	28350000	820	902	28300000	-0.20988	0.001477547
chr16	28300001	28400000	378	424	28350000	-0.23805	0.000378596
chr16	28350001	28450000	6	5	28400000	0.190663	0.003540577
chr16	28650001	28750000	8	9	28700000	-0.2423	0.000304577
chr16	28900001	29000000	890	957	28950000	-0.17709	0.006029023
chr16	29000001	29100000	392	338	29050000	0.141459	0.022635911
chr16	29100001	29200000	202	230	29150000	-0.25965	0.000121103
chr16	29150001	29250000	189	271	29200000	-0.59228	1.56E-16
chr16	29200001	29300000	189	214	29250000	-0.2516	0.000187045
chr16	29300001	29400000	150	180	29350000	-0.33541	1.16E-06
chr16	29350001	29450000	34	49	29400000	-0.59962	7.07E-17
chr16	29400001	29500000	22	30	29450000	-0.51983	2.59E-13
chr16	29450001	29550000	7	6	29500000	0.150021	0.016892961
chr16	29500001	29600000	21	28	29550000	-0.48741	5.63E-12
chr16	29550001	29650000	54	64	29600000	-0.31748	3.81E-06
chr16	29600001	29700000	419	447	29650000	-0.1657	0.009395071
chr16	29650001	29750000	736	798	29700000	-0.18905	0.003689566
chr16	29750001	29850000	890	968	29800000	-0.19357	0.003044919
chr16	29800001	29900000	908	1029	29850000	-0.25285	0.000174934
chr16	29850001	29950000	887	917	29900000	-0.12036	0.043789927
chr16	29950001	30050000	960	1031	3.00E+07	-0.17531	0.00647054
chr16	30000001	30100000	955	1027	30050000	-0.17724	0.00599299
chr16	30150001	30250000	353	372	30200000	-0.14801	0.017879697
chr16	30200001	30300000	5	6	30250000	-0.33541	1.16E-06
chr16	30250001	30350000	40	43	30300000	-0.17671	0.006120447
chr16	30300001	30400000	487	507	30350000	-0.13044	0.032083616

chr16	30400001	30500000	928	779	30450000	0.18013	0.005456873
chr16	30500001	30600000	804	874	30550000	-0.19281	0.0031462
chr16	30650001	30750000	921	952	30700000	-0.12013	0.044089234
chr16	30850001	30950000	845	906	30900000	-0.17293	0.007106767
chr16	30900001	31000000	938	1028	30950000	-0.20455	0.001880837
chr16	30950001	31050000	946	1053	3.10E+07	-0.22697	0.000657937
chr16	31000001	31100000	918	1064	31050000	-0.2853	2.81E-05
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chr16	31300001	31400000	799	844	31350000	-0.15142	0.015860226
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chr16	32000001	32100000	38	49	32050000	-0.43915	4.09E-10
chr16	32050001	32150000	42	61	32100000	-0.61079	2.09E-17
chr16	32100001	32200000	53	73	32150000	-0.53428	6.26E-14
chr16	32150001	32250000	36	43	32200000	-0.32871	1.82E-06
chr16	32200001	32300000	56	68	32250000	-0.35248	3.55E-07
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chr16	32300001	32400000	94	107	32350000	-0.25925	0.000123783
chr16	32400001	32500000	154	173	32450000	-0.24021	0.000339014
chr16	32650001	32750000	77	63	32700000	0.217135	0.001095891
chr16	32700001	32800000	1	5	32750000	-2.3943	1.39E-120
chr16	32750001	32850000	97	107	32800000	-0.21393	0.001225497
chr16	32900001	33000000	17	24	32950000	-0.56987	1.67E-15
chr16	32950001	33050000	22	24	3.30E+07	-0.1979	0.002524585
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chr16	33150001	33250000	61	97	33200000	-0.74155	4.50E-24
chr16	33200001	33300000	144	192	33250000	-0.48741	5.63E-12
chr16	33250001	33350000	118	125	33300000	-0.15551	0.013699426
chr16	33400001	33500000	302	259	33450000	0.149225	0.017368116
chr16	33650001	33750000	32	23	33700000	0.404066	9.19E-09
chr16	33700001	33800000	49	38	33750000	0.294411	1.78E-05
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chr16	33800001	33900000	684	823	33850000	-0.33927	8.92E-07
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chr16	33900001	34000000	2926	3122	33950000	-0.16591	0.009318292
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chr16	34150001	34250000	835	732	34200000	0.117561	0.047931006
chr16	34550001	34650000	899	942	34600000	-0.13978	0.023669823
chr16	46350001	46450000	1872	2031	46400000	-0.18998	0.003548121
chr16	46400001	46500000	1617	1812	46450000	-0.23664	0.000406761
chr16	46800001	46900000	942	826	46850000	0.117214	0.048421652
chr16	47000001	47100000	871	907	47050000	-0.1308	0.0317128
chr16	47050001	47150000	862	960	47100000	-0.22772	0.000634129

chr16	47100001	47200000	878	938	47150000	-0.16774	0.008691354
chr16	47150001	47250000	833	886	47200000	-0.16136	0.011055895
chr16	48100001	48200000	1028	1100	48150000	-0.17004	0.007955874
chr16	48300001	48400000	987	853	48350000	0.138133	0.025274891
chr16	48350001	48450000	971	829	48400000	0.155727	0.013801928
chr16	48400001	48500000	905	779	48450000	0.143923	0.020834598
chr16	48550001	48650000	962	1028	48600000	-0.1681	0.008570763
chr16	48600001	48700000	871	948	48650000	-0.19459	0.002915205
chr16	48900001	49000000	1066	1139	48950000	-0.16793	0.008627206
chr16	48950001	49050000	1056	1133	4.90E+07	-0.17391	0.006838645
chr16	49100001	49200000	1004	1045	49150000	-0.13012	0.032411199
chr16	49250001	49350000	994	1026	49300000	-0.11808	0.046861528
chr16	49450001	49550000	1076	1194	49500000	-0.2225	0.000817041
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chr16	49600001	49700000	1077	1182	49650000	-0.20658	0.001716382
chr16	49750001	49850000	1041	1108	49800000	-0.16236	0.010652484
chr16	49800001	49900000	1028	1115	49850000	-0.18958	0.003609525
chr16	50100001	50200000	863	891	50150000	-0.11844	0.046375318
chr16	50150001	50250000	877	924	50200000	-0.14769	0.018078856
chr16	50250001	50350000	1046	1089	50300000	-0.13049	0.032025479
chr16	50300001	50400000	968	1047	50350000	-0.18555	0.004270655
chr16	50600001	50700000	1139	1176	50650000	-0.11849	0.046299088
chr16	50650001	50750000	1113	1215	50700000	-0.19887	0.00241947
chr16	50700001	50800000	1032	1190	50750000	-0.27789	4.34E-05
chr16	50750001	50850000	1022	1100	50800000	-0.17848	0.005701194
chr16	50800001	50900000	1048	1088	50850000	-0.12641	0.036404016
chr16	50950001	51050000	1076	1131	5.10E+07	-0.14429	0.020322813
chr16	51500001	51600000	1002	870	51550000	0.131423	0.031389294
chr16	51700001	51800000	1148	984	51750000	0.150021	0.016892961
chr16	52250001	52350000	990	1031	52300000	-0.13092	0.031597912
chr16	52300001	52400000	907	935	52350000	-0.11624	0.049484196
chr16	52650001	52750000	985	1024	52700000	-0.12839	0.034221784
chr16	52700001	52800000	1004	1047	52750000	-0.13287	0.029678782
chr16	53100001	53200000	959	799	53150000	0.190964	0.003496096
chr16	53250001	53350000	961	831	53300000	0.137316	0.025960797
chr16	53300001	53400000	812	712	53350000	0.117231	0.048397245
chr16	53350001	53450000	775	656	53400000	0.168129	0.008724862
chr16	54000001	54100000	1034	885	54050000	0.152115	0.015695667
chr16	54150001	54250000	1086	1126	54200000	-0.12455	0.038553038
chr16	54900001	55000000	965	1029	54950000	-0.16501	0.009641103
chr16	54950001	55050000	1028	1083	5.50E+07	-0.14756	0.018156311
chr16	55150001	55250000	1084	1141	55200000	-0.14631	0.018965315
chr16	55200001	55300000	1057	1100	55250000	-0.1299	0.032633177
chr16	55400001	55500000	1059	1129	55450000	-0.16471	0.009750751
chr16	55450001	55550000	1012	1148	55500000	-0.25429	0.000161985
chr16	55650001	55750000	1026	1109	55700000	-0.1846	0.004442613
chr16	56250001	56350000	1082	1131	56300000	-0.13627	0.026580532

chr16	56300001	56400000	1121	1209	56350000	-0.1814	0.00506583
chr16	56350001	56450000	991	1049	56400000	-0.15443	0.014245005
chr16	56650001	56750000	951	985	56700000	-0.12305	0.04036884
chr16	57050001	57150000	1086	1134	57100000	-0.13477	0.027915533
chr16	57100001	57200000	1067	1135	57150000	-0.1615	0.010997705
chr16	57400001	57500000	937	968	57450000	-0.11933	0.045159512
chr16	57450001	57550000	986	1030	57500000	-0.13536	0.027386127
chr16	57500001	57600000	986	1144	57550000	-0.2868	2.57E-05
chr16	57550001	57650000	959	1129	57600000	-0.30781	7.08E-06
chr16	57600001	57700000	1056	1186	57650000	-0.23987	0.0003451
chr16	57650001	57750000	1106	1203	57700000	-0.19366	0.003034023
chr16	57700001	57800000	1071	1193	57750000	-0.22801	0.000625207
chr16	57750001	57850000	1060	1173	57800000	-0.21851	0.000988186
chr16	57950001	58050000	1014	1089	5.80E+07	-0.17532	0.006468416
chr16	58000001	58100000	1007	1072	58050000	-0.16261	0.010552081
chr16	58450001	58550000	1021	1069	58500000	-0.13865	0.024574244
chr16	59250001	59350000	1009	807	59300000	0.249914	0.000216585
chr16	59300001	59400000	1000	869	59350000	0.1302	0.032626942
chr16	59450001	59550000	1012	848	59500000	0.182701	0.004918704
chr16	59500001	59600000	918	739	59550000	0.240548	0.000350827
chr16	59550001	59650000	920	775	59600000	0.175066	0.006672283
chr16	59600001	59700000	1010	847	59650000	0.18155	0.005153562
chr16	59650001	59750000	978	840	59700000	0.147073	0.018710041
chr16	59700001	59800000	975	820	59750000	0.177407	0.006083422
chr16	59750001	59850000	927	758	59800000	0.218	0.001052524
chr16	59800001	59900000	914	774	59850000	0.167489	0.008939642
chr16	59850001	59950000	959	802	59900000	0.185557	0.004377174
chr16	59900001	60000000	1015	878	59950000	0.136815	0.026389472
chr16	59950001	60050000	988	847	6.00E+07	0.149777	0.01703703
chr16	60100001	60200000	993	830	60150000	0.186311	0.004243439
chr16	60150001	60250000	981	858	60200000	0.120904	0.043409489
chr16	60950001	61050000	1024	881	6.10E+07	0.14463	0.020340582
chr16	61000001	61100000	1051	895	61050000	0.159431	0.012068829
chr16	61450001	61550000	896	933	61500000	-0.13075	0.031764765
chr16	61700001	61800000	1038	876	61750000	0.172432	0.007394862
chr16	62800001	62900000	1056	918	62850000	0.129672	0.033173632
chr16	62850001	62950000	1037	906	62900000	0.122461	0.041424294
chr16	62900001	63000000	1038	908	62950000	0.12067	0.043713328
chr16	62950001	63050000	910	797	6.30E+07	0.118915	0.04605565
chr16	63000001	63100000	948	801	63050000	0.170713	0.007902947
chr16	63050001	63150000	1082	908	63100000	0.180565	0.005362343
chr16	63100001	63200000	919	785	63150000	0.155	0.0141663
chr16	63900001	64000000	1029	899	63950000	0.122478	0.041403011
chr16	63950001	64050000	1057	897	6.40E+07	0.164424	0.010034168
chr16	64000001	64100000	1069	926	64050000	0.134806	0.028168397
chr16	64150001	64250000	973	852	64200000	0.119215	0.045648932
chr16	64600001	64700000	1054	895	64650000	0.163544	0.010369434

chr16	64650001	64750000	1103	943	64700000	0.153731	0.014822331
chr16	65000001	65100000	1152	952	65050000	0.202735	0.002105677
chr16	65850001	65950000	1073	1126	65900000	-0.14193	0.022021496
chr16	66150001	66250000	1100	1139	66200000	-0.12264	0.040880788
chr16	66300001	66400000	1047	1089	66350000	-0.12911	0.033452996
chr16	66450001	66550000	982	1029	66500000	-0.13982	0.023636581
chr16	66500001	66600000	959	1021	66550000	-0.16275	0.010497389
chr16	66550001	66650000	952	1008	66600000	-0.15483	0.014039201
chr16	66950001	67050000	928	974	6.70E+07	-0.14217	0.02184358
chr16	67000001	67100000	851	881	67050000	-0.12235	0.041231553
chr16	67100001	67200000	921	984	67150000	-0.16783	0.00866138
chr16	67150001	67250000	924	1156	67200000	-0.39555	1.44E-08
chr16	67200001	67300000	972	1200	67250000	-0.37638	6.22E-08
chr16	67250001	67350000	1011	1118	67300000	-0.21751	0.001036092
chr16	67400001	67500000	1041	1202	67450000	-0.27984	3.87E-05
chr16	67450001	67550000	961	1098	67500000	-0.26464	9.20E-05
chr16	67550001	67650000	885	929	67600000	-0.14237	0.021693316
chr16	67600001	67700000	853	889	67650000	-0.13201	0.030513702
chr16	67850001	67950000	878	966	67900000	-0.21017	0.001457452
chr16	67900001	68000000	932	1090	67950000	-0.2983	1.28E-05
chr16	67950001	68050000	939	1022	6.80E+07	-0.19457	0.002917241
chr16	68000001	68100000	836	864	68050000	-0.1199	0.044396614
chr16	68100001	68200000	953	820	68150000	0.144481	0.020444149
chr16	68150001	68250000	898	783	68200000	0.125331	0.037959513
chr16	68450001	68550000	1013	1046	68500000	-0.11862	0.046122976
chr16	69250001	69350000	839	733	69300000	0.122486	0.041393448
chr16	69500001	69600000	857	900	69550000	-0.143	0.021236137
chr16	69600001	69700000	873	749	69650000	0.148644	0.017721839
chr16	70000001	70100000	115	125	70050000	-0.19267	0.003165567
chr16	70150001	70250000	360	379	70200000	-0.14657	0.018791278
chr16	70200001	70300000	228	193	70250000	0.168061	0.008747308
chr16	70650001	70750000	931	1019	70700000	-0.20267	0.002045653
chr16	70700001	70800000	1054	1202	70750000	-0.26193	0.000106836
chr16	70750001	70850000	1026	1070	70800000	-0.13295	0.029604496
chr16	71400001	71500000	983	1063	71450000	-0.18525	0.004324839
chr16	71450001	71550000	946	978	71500000	-0.12037	0.043781189
chr16	71600001	71700000	930	809	71650000	0.128719	0.034179005
chr16	71750001	71850000	909	744	71800000	0.216606	0.001123218
chr16	71800001	71900000	885	755	71850000	0.156829	0.013265254
chr16	72150001	72250000	1015	1060	72200000	-0.13496	0.027745417
chr16	72200001	72300000	1065	1119	72250000	-0.14373	0.020717785
chr16	72300001	72400000	950	829	72350000	0.124184	0.039315413
chr16	72500001	72600000	897	756	72550000	0.17435	0.006862183
chr16	72700001	72800000	985	840	72750000	0.157363	0.013011876
chr16	72750001	72850000	1039	906	72800000	0.125241	0.038064947
chr16	73350001	73450000	1034	1105	73400000	-0.16818	0.008544913
chr16	73700001	73800000	1011	880	73750000	0.127836	0.035133569

chr16	74700001	74800000	915	961	74750000	-0.14314	0.021139112
chr16	75200001	75300000	950	1004	75250000	-0.15213	0.015464407
chr16	75250001	75350000	949	1012	75300000	-0.1651	0.009609369
chr16	75400001	75500000	860	752	75450000	0.121232	0.042984463
chr16	75500001	75600000	781	812	75550000	-0.12853	0.034074784
chr16	75550001	75650000	858	912	75600000	-0.16043	0.011445603
chr16	75600001	75700000	921	973	75650000	-0.15161	0.015753166
chr16	75800001	75900000	930	795	75850000	0.153904	0.014731522
chr16	76300001	76400000	1044	916	76350000	0.11633	0.049687482
chr16	76350001	76450000	1043	887	76400000	0.161361	0.011243175
chr16	76400001	76500000	1034	895	76450000	0.135905	0.027183429
chr16	76650001	76750000	1091	937	76700000	0.147158	0.01865538
chr16	76700001	76800000	1036	909	76750000	0.1163	0.049731533
chr16	76900001	77000000	1026	900	76950000	0.116662	0.049209057
chr16	77050001	77150000	1008	869	77100000	0.141696	0.022457
chr16	77200001	77300000	934	1003	77250000	-0.1752	0.006499037
chr16	77500001	77600000	1013	871	77550000	0.145518	0.019734681
chr16	77600001	77700000	982	1024	77650000	-0.13279	0.029756566
chr16	78200001	78300000	929	993	78250000	-0.16849	0.008445421
chr16	79050001	79150000	979	1017	79100000	-0.12731	0.035399483
chr16	79300001	79400000	1080	1119	79350000	-0.12355	0.039757335
chr16	79350001	79450000	992	1070	79400000	-0.18157	0.005030697
chr16	79600001	79700000	1012	1058	79650000	-0.1365	0.026379237
chr16	79950001	80050000	1041	1095	8.00E+07	-0.14533	0.0196116
chr16	80650001	80750000	987	1050	80700000	-0.16164	0.010942513
chr16	80700001	80800000	990	1027	80750000	-0.12531	0.037669475
chr16	80900001	81000000	938	984	80950000	-0.14144	0.022385475
chr16	81000001	81100000	886	936	81050000	-0.15157	0.015773739
chr16	81050001	81150000	830	856	81100000	-0.11687	0.048569721
chr16	81400001	81500000	954	999	81450000	-0.13887	0.024398335
chr16	81450001	81550000	1004	1063	81500000	-0.15475	0.014079619
chr16	82300001	82400000	939	1007	82350000	-0.17324	0.00702167
chr16	83050001	83150000	1128	975	83100000	0.137921	0.025451024
chr16	83100001	83200000	1111	949	83150000	0.155007	0.014162946
chr16	83400001	83500000	978	1088	83450000	-0.22614	0.000684833
chr16	83450001	83550000	990	1065	83500000	-0.17772	0.005876707
chr16	83800001	83900000	954	988	83850000	-0.12289	0.040561808
chr16	83900001	84000000	1026	1082	83950000	-0.14904	0.017245068
chr16	83950001	84050000	1006	1203	8.40E+07	-0.33038	1.63E-06
chr16	84000001	84100000	997	1113	84050000	-0.23116	0.000535152
chr16	84050001	84150000	980	1061	84100000	-0.18694	0.004030996
chr16	84150001	84250000	926	974	84200000	-0.14528	0.019646128
chr16	84200001	84300000	949	1037	84250000	-0.20031	0.00227169
chr16	84250001	84350000	1004	1068	84300000	-0.16152	0.010989422
chr16	84300001	84400000	987	1058	84350000	-0.17259	0.007202687
chr16	84350001	84450000	964	994	84400000	-0.11658	0.048980571
chr16	84550001	84650000	980	1031	84600000	-0.14556	0.019457281

chr16	84750001	84850000	912	972	84800000	-0.16429	0.009906641
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chr16	84900001	85000000	1030	1095	84950000	-0.16066	0.011348396
chr16	84950001	85050000	991	1090	8.50E+07	-0.20974	0.001486531
chr16	85000001	85100000	914	953	85050000	-0.13265	0.029889551
chr16	85100001	85200000	1041	1138	85150000	-0.2009	0.002212823
chr16	85150001	85250000	1064	1265	85200000	-0.32201	2.84E-06
chr16	85200001	85300000	1050	1277	85250000	-0.35474	3.02E-07
chr16	85250001	85350000	979	1212	85300000	-0.38038	4.60E-08
chr16	85300001	85400000	1043	1194	85350000	-0.26744	7.87E-05
chr16	85350001	85450000	999	1165	85400000	-0.29415	1.65E-05
chr16	85400001	85500000	999	1163	85450000	-0.29167	1.92E-05
chr16	85450001	85550000	1110	1238	85500000	-0.22982	0.000571751
chr16	85500001	85600000	1108	1217	85550000	-0.20774	0.001628502
chr16	85550001	85650000	1143	1180	85600000	-0.11833	0.046517783
chr16	85600001	85700000	1158	1251	85650000	-0.18382	0.004588205
chr16	85650001	85750000	1069	1158	85700000	-0.18775	0.003898071
chr16	85700001	85800000	950	1003	85750000	-0.15069	0.016272159
chr16	85750001	85850000	919	1033	85800000	-0.24108	0.000324351
chr16	85800001	85900000	968	1001	85850000	-0.12073	0.043299023
chr16	85900001	86000000	1008	1045	85950000	-0.12438	0.03876128
chr16	85950001	86050000	1064	1105	8.60E+07	-0.12692	0.035833171
chr16	86250001	86350000	953	1047	86300000	-0.20809	0.001603375
chr16	86300001	86400000	989	1129	86350000	-0.26337	9.87E-05
chr16	86350001	86450000	1032	1172	86400000	-0.2559	0.000148476
chr16	86400001	86500000	1082	1237	86450000	-0.26552	8.76E-05
chr16	86450001	86550000	1138	1243	86500000	-0.1997	0.002333574
chr16	86500001	86600000	1082	1179	86550000	-0.19623	0.002714645
chr16	86550001	86650000	1020	1058	86600000	-0.12514	0.037861969
chr16	86650001	86750000	1082	1141	86700000	-0.14897	0.017288252
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chr16	87000001	87100000	1060	1160	87050000	-0.20243	0.00206766
chr16	87050001	87150000	1036	1105	87100000	-0.16539	0.009503338
chr16	87150001	87250000	1025	1085	87200000	-0.15444	0.014238136
chr16	87200001	87300000	1020	1098	87250000	-0.17868	0.005655377
chr16	87300001	87400000	1044	1104	87350000	-0.15299	0.014998645
chr16	87350001	87450000	947	1055	87400000	-0.22818	0.000619979
chr16	87450001	87550000	788	842	87500000	-0.168	0.008605965
chr16	87500001	87600000	787	884	87550000	-0.24005	0.000341785
chr16	87550001	87650000	951	1057	87600000	-0.22483	0.000729998
chr16	87600001	87700000	1004	1105	87650000	-0.21066	0.001425369
chr16	87650001	87750000	1069	1177	87700000	-0.21122	0.001388774
chr16	87800001	87900000	885	983	87850000	-0.22389	0.000764132
chr16	87850001	87950000	654	738	87900000	-0.2467	0.000242228
chr16	87900001	88000000	557	609	87950000	-0.20114	0.002189999
chr16	87950001	88050000	674	698	8.80E+07	-0.12285	0.040615331

chr16	88000001	88100000	594	630	88050000	-0.15726	0.012857506
chr16	88050001	88150000	551	639	88100000	-0.28614	2.67E-05
chr16	88100001	88200000	399	480	88150000	-0.33902	9.07E-07
chr16	88150001	88250000	265	315	88200000	-0.32173	2.89E-06
chr16	88200001	88300000	186	266	88250000	-0.5885	2.34E-16
chr16	88250001	88350000	447	567	88300000	-0.41545	2.94E-09
chr16	88300001	88400000	821	1012	88350000	-0.37413	7.36E-08
chr16	88350001	88450000	579	717	88400000	-0.38078	4.47E-08
chr16	88400001	88500000	739	888	88450000	-0.33736	1.02E-06
chr16	88450001	88550000	1200	1457	88500000	-0.35234	3.58E-07
chr16	88500001	88600000	1152	1411	88550000	-0.36495	1.45E-07
chr16	88550001	88650000	1054	1278	88600000	-0.35038	4.12E-07
chr16	88600001	88700000	1048	1140	88650000	-0.19377	0.00301975
chr16	88650001	88750000	1035	1164	88700000	-0.24183	0.000311964
chr16	88700001	88800000	1028	1234	88750000	-0.33587	1.12E-06
chr16	88750001	88850000	1024	1289	88800000	-0.40441	7.15E-09
chr16	88800001	88900000	950	1224	88850000	-0.43798	4.52E-10
chr16	88850001	88950000	992	1217	88900000	-0.36729	1.22E-07
chr16	88900001	89000000	1049	1339	88950000	-0.42451	1.40E-09
chr16	88950001	89050000	1048	1287	8.90E+07	-0.36875	1.10E-07
chr16	89000001	89100000	1017	1164	89050000	-0.26714	8.00E-05
chr16	89050001	89150000	1023	1164	89100000	-0.25866	0.000127855
chr16	89100001	89200000	1050	1207	89150000	-0.27341	5.61E-05
chr16	89150001	89250000	1062	1258	89200000	-0.31672	4.01E-06
chr16	89200001	89300000	954	1184	89250000	-0.38398	3.50E-08
chr16	89250001	89350000	818	1007	89300000	-0.37226	8.45E-08
chr16	89300001	89400000	874	1096	89350000	-0.39891	1.10E-08
chr16	89350001	89450000	961	1132	89400000	-0.30864	6.72E-06
chr16	89500001	89600000	812	866	89550000	-0.16526	0.009552077
chr16	89550001	89650000	903	1018	89600000	-0.24531	0.000260487
chr16	89600001	89700000	981	1131	89650000	-0.27765	4.40E-05
chr16	89650001	89750000	898	983	89700000	-0.20285	0.00202977
chr16	89700001	89800000	876	966	89750000	-0.21346	0.001252096
chr16	89750001	89850000	851	991	89800000	-0.2921	1.87E-05
chr16	89800001	89900000	776	873	89850000	-0.2423	0.000304577
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chr16	89950001	90050000	872	947	9.00E+07	-0.19141	0.003339943
chr16	90000001	90100000	878	979	90050000	-0.22946	0.000582106
chr16	90050001	90150000	894	944	90100000	-0.15088	0.016163463
chr16	90150001	90250000	35	43	90200000	-0.36935	1.05E-07
chr16	90200001	90300000	7	13	90250000	-0.96546	4.15E-37
chr16	90250001	90350000	6	5	90300000	0.190663	0.003540577
chr18	1	100000	147	178	50000	-0.34843	4.72E-07
chr18	350001	450000	1068	921	4.00E+05	0.141267	0.022781507
chr18	700001	800000	866	748	750000	0.138957	0.024597774
chr18	1350001	1450000	1047	894	1400000	0.155543	0.013893618
chr18	1400001	1500000	1062	870	1450000	0.215325	0.001192026

chr18	1800001	1900000	986	846	1850000	0.148558	0.017774733
chr18	2450001	2550000	989	858	2500000	0.132621	0.030215556
chr18	2850001	2950000	900	946	2900000	-0.14429	0.020326749
chr18	3550001	3650000	865	739	3600000	0.154754	0.01429169
chr18	3600001	3700000	884	740	3650000	0.184149	0.004637034
chr18	5150001	5250000	987	1041	5200000	-0.14922	0.017137739
chr18	5200001	5300000	946	982	5250000	-0.12625	0.036581806
chr18	7650001	7750000	977	857	7700000	0.116692	0.049166628
chr18	7700001	7800000	1009	877	7750000	0.129906	0.032930849
chr18	8650001	8750000	903	974	8700000	-0.18157	0.005031309
chr18	8950001	9050000	996	864	9.00E+06	0.132743	0.030098497
chr18	10200001	10300000	985	1078	10250000	-0.20253	0.002058388
chr18	11100001	11200000	1032	905	11150000	0.117082	0.048609211
chr18	11150001	11250000	1054	908	11200000	0.142739	0.0216842
chr18	11250001	11350000	1014	873	11300000	0.143632	0.021040332
chr18	11550001	11650000	618	638	11600000	-0.11832	0.046534158
chr18	11700001	11800000	950	1027	11750000	-0.18481	0.004404572
chr18	12000001	12100000	882	968	12050000	-0.2066	0.001715094
chr18	12050001	12150000	686	725	12100000	-0.15214	0.015457501
chr18	12200001	12300000	693	759	12250000	-0.20362	0.001961334
chr18	12250001	12350000	923	994	12300000	-0.17929	0.00551887
chr18	12700001	12800000	808	860	12750000	-0.16235	0.010655049
chr18	13100001	13200000	967	1012	13150000	-0.13799	0.025115206
chr18	13150001	13250000	970	1024	13200000	-0.15053	0.016366059
chr18	13500001	13600000	1013	1045	13550000	-0.11724	0.048044665
chr18	13550001	13650000	987	1062	13600000	-0.17803	0.005804385
chr18	13600001	13700000	861	921	13650000	-0.16956	0.008103453
chr18	13800001	13900000	907	956	13850000	-0.14828	0.017710058
chr18	14050001	14150000	749	653	14100000	0.125511	0.037750856
chr18	14150001	14250000	140	121	14200000	0.138048	0.025345224
chr18	14350001	14450000	74	63	14400000	0.159802	0.011906422
chr18	14400001	14500000	66	70	14450000	-0.15726	0.012857506
chr18	14450001	14550000	63	74	14500000	-0.30455	8.70E-06
chr18	14500001	14600000	109	115	14550000	-0.14968	0.016864887
chr18	14550001	14650000	122	135	14600000	-0.21845	0.00099102
chr18	14750001	14850000	285	250	14800000	0.116662	0.049209057
chr18	14800001	14900000	99	85	14850000	0.147594	0.01837747
chr18	14900001	15000000	618	650	14950000	-0.1452	0.019697926
chr18	14950001	15050000	251	262	1.50E+07	-0.13425	0.028387928
chr18	15000001	15100000	102	108	15050000	-0.15483	0.014039201
chr18	15050001	15150000	75	82	15100000	-0.20111	0.002193062
chr18	15100001	15200000	110	91	15150000	0.201193	0.002253387
chr18	15150001	15250000	131	104	15200000	0.260612	0.00012255
chr18	15200001	15300000	80	68	15250000	0.162093	0.01094313
chr18	15250001	15350000	67	70	15300000	-0.13557	0.02720003
chr18	15350001	15450000	162	177	15400000	-0.20013	0.002289825
chr18	15400001	15500000	86	105	15450000	-0.36035	2.02E-07

chr18	18700001	18800000	948	815	18750000	0.145715	0.019602031
chr18	18750001	18850000	934	785	18800000	0.178358	0.00585756
chr18	18800001	18900000	951	789	18850000	0.197048	0.002698248
chr18	18850001	18950000	955	798	18900000	0.18674	0.004168872
chr18	18900001	19000000	928	810	18950000	0.123831	0.03973972
chr18	19150001	19250000	797	693	19200000	0.129353	0.033507914
chr18	19200001	19300000	840	737	19250000	0.116353	0.049654903
chr18	19350001	19450000	990	857	19400000	0.135762	0.0273102
chr18	20200001	20300000	982	856	20250000	0.12574	0.037485577
chr18	20500001	20600000	1012	813	20550000	0.24351	0.000301687
chr18	20550001	20650000	972	729	20600000	0.342666	8.12E-07
chr18	20600001	20700000	875	764	20650000	0.123339	0.040338794
chr18	20700001	20800000	954	1039	20750000	-0.19551	0.002801692
chr18	20750001	20850000	1008	1086	20800000	-0.1799	0.005383788
chr18	21100001	21200000	899	930	21150000	-0.12128	0.04259223
chr18	21700001	21800000	928	980	21750000	-0.15103	0.016080909
chr18	22150001	22250000	942	1024	22200000	-0.19279	0.00314903
chr18	22650001	22750000	1132	983	22700000	0.131239	0.031573493
chr18	22750001	22850000	1086	947	22800000	0.125216	0.038094049
chr18	23100001	23200000	1033	905	23150000	0.118479	0.046653206
chr18	25950001	26050000	919	959	2.60E+07	-0.13384	0.028770463
chr18	26000001	26100000	904	937	26050000	-0.1241	0.039096802
chr18	26100001	26200000	1056	907	26150000	0.147064	0.018716325
chr18	26150001	26250000	1055	883	26200000	0.184386	0.004592415
chr18	26200001	26300000	979	852	26250000	0.128084	0.034863565
chr18	26250001	26350000	1014	884	26300000	0.125568	0.037685231
chr18	26300001	26400000	1090	950	26350000	0.125957	0.037236742
chr18	26350001	26450000	1068	914	26400000	0.152274	0.015607969
chr18	26400001	26500000	1081	810	26450000	0.344001	7.41E-07
chr18	26450001	26550000	1110	808	26500000	0.385761	3.72E-08
chr18	26500001	26600000	1040	884	26550000	0.162093	0.01094313
chr18	26550001	26650000	1025	869	26600000	0.165824	0.009520341
chr18	26750001	26850000	1088	904	26800000	0.194912	0.002957314
chr18	26800001	26900000	1050	889	26850000	0.167762	0.008847312
chr18	26850001	26950000	1032	862	26900000	0.187311	0.00407155
chr18	26900001	27000000	976	850	26950000	0.127047	0.036004835
chr18	27050001	27150000	974	819	27100000	0.177687	0.006016169
chr18	27100001	27200000	1019	817	27150000	0.246374	0.000260355
chr18	27150001	27250000	1031	882	27200000	0.152822	0.015308373
chr18	27300001	27400000	1008	881	27350000	0.12191	0.042118294
chr18	27350001	27450000	1045	902	27400000	0.139932	0.023816874
chr18	27400001	27500000	1095	873	27450000	0.254506	0.00017003
chr18	27450001	27550000	1017	784	27500000	0.303022	1.06E-05
chr18	27500001	27600000	1022	852	27550000	0.190098	0.003625407
chr18	27650001	27750000	1033	894	27700000	0.136122	0.026992437
chr18	28000001	28100000	1070	864	28050000	0.236136	0.000438007
chr18	28050001	28150000	1077	895	28100000	0.194687	0.002985899

chr18	28100001	28200000	1045	891	28150000	0.157634	0.012884707
chr18	28400001	28500000	1001	810	28450000	0.233076	0.000509863
chr18	28450001	28550000	1059	914	28500000	0.140065	0.02371204
chr18	28650001	28750000	1049	917	28700000	0.121649	0.042449763
chr18	28700001	28800000	1034	876	28750000	0.166862	0.009154655
chr18	29400001	29500000	978	814	29450000	0.192434	0.003285904
chr18	29450001	29550000	827	719	29500000	0.129524	0.033328409
chr18	29550001	29650000	829	685	29600000	0.202896	0.002090787
chr18	29800001	29900000	910	947	29850000	-0.12987	0.03266445
chr18	30100001	30200000	1032	896	30150000	0.131501	0.031312581
chr18	30250001	30350000	1117	963	30300000	0.14165	0.022491666
chr18	30450001	30550000	1076	901	30500000	0.183707	0.004721449
chr18	30500001	30600000	1077	903	30550000	0.181849	0.005091658
chr18	30550001	30650000	1064	891	30600000	0.183629	0.004736536
chr18	30750001	30850000	1051	920	30800000	0.119685	0.045015931
chr18	30800001	30900000	1012	839	30850000	0.198095	0.002578988
chr18	30850001	30950000	937	817	30900000	0.125341	0.037948065
chr18	31200001	31300000	1087	926	31250000	0.158896	0.012306942
chr18	31600001	31700000	1060	922	31650000	0.128854	0.034035471
chr18	31650001	31750000	960	823	31700000	0.14977	0.017041248
chr18	31700001	31800000	975	790	31750000	0.231178	0.000559808
chr18	31750001	31850000	1027	890	31800000	0.134187	0.028736089
chr18	33300001	33400000	833	911	33350000	-0.20151	0.002154441
chr18	33550001	33650000	984	859	33600000	0.123628	0.039985404
chr18	34550001	34650000	1007	868	34600000	0.141925	0.022285241
chr18	34600001	34700000	838	725	34650000	0.136597	0.026577503
chr18	34800001	34900000	1086	1176	34850000	-0.18724	0.003982001
chr18	34850001	34950000	1059	1148	34900000	-0.18879	0.003730605
chr18	34900001	35000000	1106	1182	34950000	-0.16825	0.008522485
chr18	34950001	35050000	1185	1253	3.50E+07	-0.15287	0.015062524
chr18	35000001	35100000	1209	1249	35050000	-0.11933	0.045157852
chr18	35150001	35250000	1064	1107	35200000	-0.12953	0.033018305
chr18	35300001	35400000	1033	1096	35350000	-0.15778	0.012616447
chr18	35600001	35700000	1066	921	35650000	0.138563	0.02491976
chr18	36400001	36500000	1075	933	36450000	0.132016	0.030804017
chr18	36450001	36550000	1054	862	36500000	0.217743	0.001065213
chr18	36500001	36600000	1056	916	36550000	0.132819	0.030025595
chr18	36700001	36800000	998	874	36750000	0.119035	0.045892758
chr18	36850001	36950000	1073	931	36900000	0.132425	0.030404977
chr18	37500001	37600000	978	846	37550000	0.136805	0.026398157
chr18	37550001	37650000	1043	903	37600000	0.135569	0.027480906
chr18	38150001	38250000	1041	894	38200000	0.147252	0.018595621
chr18	38200001	38300000	993	862	38250000	0.131734	0.031081279
chr18	38400001	38500000	971	847	38450000	0.124738	0.038656171
chr18	38450001	38550000	1087	903	38500000	0.195182	0.002923351
chr18	38500001	38600000	1122	902	38550000	0.242502	0.000317649
chr18	38550001	38650000	1103	941	38600000	0.156794	0.013281854

chr18	39900001	40000000	1011	863	39950000	0.155979	0.013677856
chr18	40200001	40300000	988	859	40250000	0.129481	0.033373055
chr18	40450001	40550000	1075	927	40500000	0.141324	0.02273829
chr18	40650001	40750000	1020	889	40700000	0.125942	0.037253811
chr18	40700001	40800000	1045	840	40750000	0.24267	0.000314931
chr18	40750001	40850000	1011	805	40800000	0.256351	0.000154117
chr18	40800001	40900000	958	797	40850000	0.193074	0.003197995
chr18	41100001	41200000	1035	905	41150000	0.121269	0.042936711
chr18	41150001	41250000	1015	861	41200000	0.165023	0.009811441
chr18	41200001	41300000	1002	876	41250000	0.121508	0.042630326
chr18	41250001	41350000	989	856	41300000	0.135988	0.027110105
chr18	41550001	41650000	1015	831	41600000	0.216188	0.001145272
chr18	41600001	41700000	1071	921	41650000	0.145314	0.019872624
chr18	41850001	41950000	840	723	41900000	0.144022	0.020764694
chr18	43600001	43700000	870	763	43650000	0.116961	0.048781545
chr18	43650001	43750000	862	728	43700000	0.171378	0.00770295
chr18	43700001	43800000	865	745	43750000	0.143088	0.021430693
chr18	43900001	44000000	1070	1165	43950000	-0.19509	0.002852424
chr18	43950001	44050000	1042	1146	4.40E+07	-0.20962	0.001494679
chr18	44000001	44100000	1060	1170	44050000	-0.21482	0.001175687
chr18	44050001	44150000	1118	1219	44100000	-0.19715	0.002608851
chr18	44100001	44200000	1097	1158	44150000	-0.15044	0.016416524
chr18	44800001	44900000	1019	1061	44850000	-0.13064	0.031873747
chr18	45200001	45300000	1075	1134	45250000	-0.14946	0.016996624
chr18	45250001	45350000	1055	1097	45300000	-0.12869	0.033900312
chr18	45450001	45550000	989	1020	45500000	-0.1169	0.0485308
chr18	45800001	45900000	1071	1178	45850000	-0.20975	0.001485858
chr18	46100001	46200000	1043	1089	46150000	-0.13464	0.028035259
chr18	46150001	46250000	1005	1143	46200000	-0.258	0.000132498
chr18	46200001	46300000	1138	1179	46250000	-0.12343	0.039897899
chr18	46350001	46450000	1090	1127	46400000	-0.12053	0.043564771
chr18	47200001	47300000	844	882	47250000	-0.13591	0.026897995
chr18	47250001	47350000	806	882	47300000	-0.20237	0.002073344
chr18	47300001	47400000	877	962	47350000	-0.20583	0.001775648
chr18	47450001	47550000	1061	1153	47500000	-0.19234	0.003210002
chr18	47600001	47700000	999	1048	47650000	-0.14145	0.022376629
chr18	47750001	47850000	945	988	47800000	-0.13657	0.02632186
chr18	47800001	47900000	879	913	47850000	-0.12712	0.035606763
chr18	48600001	48700000	934	813	48650000	0.127795	0.035177709
chr18	49250001	49350000	1030	900	49300000	0.122276	0.041656805
chr18	49300001	49400000	1015	883	49350000	0.128623	0.03428236
chr18	49800001	49900000	990	1031	49850000	-0.13092	0.031597912
chr18	50800001	50900000	996	867	50850000	0.127742	0.035236218
chr18	50950001	51050000	905	781	5.10E+07	0.140223	0.023587361
chr18	51000001	51100000	917	785	51050000	0.151857	0.015838954
chr18	52050001	52150000	115	94	52100000	0.218529	0.001026748
chr18	52400001	52500000	1036	900	52450000	0.130655	0.03216178

chr18	52450001	52550000	1029	896	52500000	0.127301	0.035722484
chr18	52500001	52600000	1056	903	52550000	0.15344	0.014976492
chr18	52650001	52750000	1060	908	52700000	0.150928	0.016364797
chr18	52700001	52800000	1129	961	52750000	0.160065	0.011791946
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chr18	53300001	53400000	953	803	53350000	0.174704	0.006767551
chr18	53350001	53450000	968	833	53400000	0.144319	0.020556719
chr18	54050001	54150000	1002	879	54100000	0.116576	0.04933333
chr18	54600001	54700000	1107	953	54650000	0.143735	0.020967151
chr18	54950001	55050000	1036	1084	5.50E+07	-0.13771	0.02534922
chr18	55050001	55150000	1035	1078	55100000	-0.1311	0.031414813
chr18	55100001	55200000	992	1066	55150000	-0.17617	0.00625388
chr18	55150001	55250000	974	1007	55200000	-0.12044	0.043681819
chr18	55350001	55450000	795	842	55400000	-0.15524	0.013836586
chr18	55400001	55500000	903	950	55450000	-0.14557	0.019450024
chr18	56300001	56400000	1010	880	56350000	0.126408	0.036722537
chr18	56600001	56700000	1003	876	56650000	0.122947	0.040820287
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chr18	57400001	57500000	834	872	57450000	-0.13665	0.026249363
chr18	57450001	57550000	819	890	57500000	-0.19231	0.003213562
chr18	57800001	57900000	1063	916	57850000	0.14235	0.021969401
chr18	57850001	57950000	1049	907	57900000	0.137468	0.025831693
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chr18	58200001	58300000	1005	873	58250000	0.13077	0.032045288
chr18	58300001	58400000	1042	910	58350000	0.123045	0.040699342
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chr18	60350001	60450000	1006	845	60400000	0.179235	0.005656006
chr18	60400001	60500000	1050	864	60450000	0.208914	0.001598128
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chr18	60700001	60800000	1024	1098	60750000	-0.17303	0.00707821
chr18	61250001	61350000	887	769	61300000	0.133579	0.029303536
chr18	61300001	61400000	870	751	61350000	0.139831	0.023896884
chr18	61700001	61800000	1040	912	61750000	0.117106	0.04857432
chr18	61900001	62000000	974	1029	61950000	-0.15162	0.015747217
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chr18	62200001	62300000	957	828	62250000	0.136516	0.026647851
chr18	62400001	62500000	933	970	62450000	-0.12848	0.034127814
chr18	62550001	62650000	1028	838	62600000	0.222446	0.000853456
chr18	62600001	62700000	1052	856	62650000	0.22508	0.000752563
chr18	62800001	62900000	1013	868	62850000	0.150495	0.016614871
chr18	62850001	62950000	1068	934	62900000	0.121045	0.043225738

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chr18	63350001	63450000	1014	876	63400000	0.138683	0.024821004
chr18	63450001	63550000	1023	888	63500000	0.131803	0.031013486
chr18	63500001	63600000	1037	883	63550000	0.159559	0.012012716
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chr18	64350001	64450000	946	793	64400000	0.182148	0.005030415
chr18	64400001	64500000	1048	877	64450000	0.184618	0.004548972
chr18	64450001	64550000	1083	896	64500000	0.201091	0.002263528
chr18	64500001	64600000	1042	910	64550000	0.123045	0.040699342
chr18	64550001	64650000	1028	895	64600000	0.127509	0.035492295
chr18	64600001	64700000	1035	867	64650000	0.183155	0.004828835
chr18	64650001	64750000	965	846	64700000	0.1175	0.04801728
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chr18	65150001	65250000	1068	926	65200000	0.133456	0.029419338
chr18	65400001	65500000	1085	868	65450000	0.249556	0.000220671
chr18	65450001	65550000	1115	898	65500000	0.239885	0.00036281
chr18	65500001	65600000	993	849	65550000	0.153657	0.014861354
chr18	65550001	65650000	984	853	65600000	0.133741	0.029151481
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chr18	65700001	65800000	1025	868	65750000	0.167485	0.008940876
chr18	65750001	65850000	1022	827	65800000	0.233064	0.000510171
chr18	65800001	65900000	1029	851	65850000	0.20164	0.002209645
chr18	66250001	66350000	931	967	66300000	-0.12711	0.035625604
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chr18	66500001	66600000	1022	862	66550000	0.173264	0.007159538
chr18	66550001	66650000	1063	903	66600000	0.162972	0.010592356
chr18	66600001	66700000	1073	899	66650000	0.182885	0.004882095
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chr18	66800001	66900000	1054	904	66850000	0.149108	0.017438469
chr18	66850001	66950000	993	838	66900000	0.172472	0.007383447
chr18	66900001	67000000	974	843	66950000	0.136017	0.027084197
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chr18	67100001	67200000	980	853	67150000	0.127864	0.035102502
chr18	67150001	67250000	1043	895	67200000	0.148408	0.01786762
chr18	67400001	67500000	1009	883	67450000	0.120069	0.044504702
chr18	68100001	68200000	926	959	68150000	-0.12289	0.040565701
chr18	68300001	68400000	861	923	68350000	-0.17269	0.007174593
chr18	68350001	68450000	779	807	68400000	-0.12332	0.040041619
chr18	68550001	68650000	1002	875	68600000	0.123156	0.040562997
chr18	68600001	68700000	1049	898	68650000	0.151856	0.015839932
chr18	68650001	68750000	1074	866	68700000	0.238183	0.000395307
chr18	68700001	68800000	999	793	68750000	0.260792	0.000121357
chr18	69100001	69200000	982	847	69150000	0.140989	0.022993559
chr18	69150001	69250000	1024	888	69200000	0.133212	0.029649711

chr18	69400001	69500000	1017	877	69450000	0.141299	0.022756901
chr18	69450001	69550000	999	821	69500000	0.210731	0.001471806
chr18	69500001	69600000	1015	875	69550000	0.141753	0.02241399
chr18	69700001	69800000	1061	900	69750000	0.165056	0.009799239
chr18	69850001	69950000	975	828	69900000	0.1634	0.010425139
chr18	69900001	70000000	986	862	69950000	0.121528	0.042604676
chr18	70250001	70350000	1082	909	70300000	0.178977	0.005714811
chr18	70900001	71000000	987	842	70950000	0.156858	0.013251355
chr18	70950001	71050000	988	839	7.10E+07	0.163468	0.010398468
chr18	71000001	71100000	1059	921	71050000	0.129058	0.033818957
chr18	71050001	71150000	972	851	71100000	0.119425	0.045364451
chr18	71100001	71200000	975	822	71150000	0.173892	0.006986168
chr18	71150001	71250000	1045	850	71200000	0.225596	0.00073413
chr18	71200001	71300000	1033	857	71250000	0.197101	0.002692078
chr18	72050001	72150000	1037	1078	72100000	-0.12831	0.034306516
chr18	72100001	72200000	970	1024	72150000	-0.15053	0.016366059
chr18	72150001	72250000	967	1015	72200000	-0.14226	0.02177358
chr18	72700001	72800000	1037	1075	72750000	-0.12429	0.038864347
chr18	72750001	72850000	1083	1134	72800000	-0.13876	0.024485996
chr18	72800001	72900000	1068	1168	72850000	-0.2015	0.002155007
chr18	73150001	73250000	1021	1064	73200000	-0.13189	0.030633469
chr18	74050001	74150000	1085	1143	74100000	-0.1475	0.018195841
chr18	74350001	74450000	859	916	74400000	-0.16506	0.009623859
chr18	74400001	74500000	870	902	74450000	-0.12448	0.038636846
chr18	74500001	74600000	844	916	74550000	-0.19048	0.003474625
chr18	74550001	74650000	941	1029	74600000	-0.20135	0.002169594
chr18	74600001	74700000	977	1041	74650000	-0.16391	0.010050513
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chr18	74950001	75050000	900	931	7.50E+07	-0.12123	0.042660912
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chr18	75100001	75200000	913	993	75150000	-0.19355	0.003047905
chr18	75150001	75250000	956	999	75200000	-0.13585	0.026952213
chr18	75200001	75300000	868	940	75250000	-0.18734	0.003965108
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chr18	75850001	75950000	1067	1102	75900000	-0.11894	0.045692589
chr18	76100001	76200000	950	1025	76150000	-0.182	0.004944075
chr18	76150001	76250000	1005	1087	76200000	-0.18553	0.004275271
chr18	76200001	76300000	974	1052	76250000	-0.18351	0.004646227
chr18	76250001	76350000	1029	1102	76300000	-0.17125	0.007588486
chr18	76300001	76400000	1093	1163	76350000	-0.16193	0.01082481
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chr18	76650001	76750000	1008	1049	76700000	-0.12989	0.032642585
chr18	76700001	76800000	942	1006	76750000	-0.1672	0.00887128

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chr18	77350001	77450000	941	1001	77400000	-0.16155	0.010980036
chr18	77400001	77500000	1014	1051	77450000	-0.12408	0.039122279
chr18	77450001	77550000	1039	1117	77500000	-0.17681	0.006096834
chr18	77500001	77600000	1011	1116	77550000	-0.21493	0.001169675
chr18	77550001	77650000	1007	1122	77600000	-0.22838	0.000613851
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chr18	77650001	77750000	954	1063	77700000	-0.22845	0.0006117
chr18	77800001	77900000	952	1035	77850000	-0.19297	0.003124804
chr18	78000001	78100000	147	189	78050000	-0.43494	5.85E-10
chr3	1	100000	193	158	50000	0.216305	0.001139067
chr3	50001	150000	713	596	1.00E+05	0.186218	0.004259674
chr3	1150001	1250000	1099	946	1200000	0.143908	0.020845301
chr3	1200001	1300000	1014	887	1250000	0.12068	0.043701048
chr3	1250001	1350000	1004	839	1300000	0.186645	0.004185334
chr3	1300001	1400000	1085	918	1350000	0.168757	0.008518343
chr3	1450001	1550000	955	835	1500000	0.121353	0.04282936
chr3	1500001	1600000	992	856	1550000	0.140358	0.023482471
chr3	1550001	1650000	1085	940	1600000	0.134591	0.028364906
chr3	1600001	1700000	979	847	1650000	0.136575	0.026596884
chr3	2200001	2300000	905	934	2250000	-0.11788	0.047151141
chr3	2600001	2700000	990	1042	2650000	-0.14623	0.019017213
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chr3	4650001	4750000	1033	1074	4700000	-0.12853	0.034078466
chr3	5200001	5300000	909	981	5250000	-0.18234	0.004874189
chr3	5550001	5650000	966	842	5600000	0.125831	0.037381128
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chr3	8450001	8550000	1106	946	8500000	0.153068	0.015175805
chr3	8650001	8750000	785	858	8700000	-0.20066	0.002236958
chr3	8700001	8800000	815	874	8750000	-0.1732	0.007030886
chr3	8800001	8900000	1045	1091	8850000	-0.13452	0.028141616
chr3	9000001	9100000	1067	1193	9050000	-0.23341	0.000478511
chr3	9050001	9150000	997	1133	9100000	-0.25685	0.000141015
chr3	9100001	9200000	1007	1095	9150000	-0.19324	0.003088902
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chr3	9700001	9800000	1029	1108	9750000	-0.17909	0.00556364
chr3	9750001	9850000	997	1055	9800000	-0.15395	0.014492697
chr3	9800001	9900000	894	927	9850000	-0.12467	0.038420817
chr3	10100001	10200000	775	672	10150000	0.133363	0.029506678
chr3	10350001	10450000	1140	1202	10400000	-0.14877	0.017406673
chr3	10400001	10500000	1144	1219	10450000	-0.16398	0.010023519
chr3	10800001	10900000	1063	1156	10850000	-0.19337	0.003071397
chr3	10850001	10950000	1041	1169	10900000	-0.23968	0.000348458
chr3	10900001	11000000	1105	1188	10950000	-0.17686	0.006083479
chr3	10950001	11050000	1166	1235	1.10E+07	-0.15532	0.013797744
chr3	11000001	11100000	1094	1132	11050000	-0.12163	0.042142506
chr3	11050001	11150000	945	1013	11100000	-0.17262	0.007194144
chr3	11100001	11200000	948	1019	11150000	-0.17657	0.006155102
chr3	11150001	11250000	1014	1110	11200000	-0.20287	0.002027415
chr3	11800001	11900000	891	931	11850000	-0.13573	0.027056618
chr3	11850001	11950000	685	733	11900000	-0.17008	0.007941734
chr3	11900001	12000000	651	701	11950000	-0.17913	0.005554225
chr3	12850001	12950000	916	975	12900000	-0.16243	0.010625933
chr3	12900001	13000000	1045	1187	12950000	-0.25619	0.000146187
chr3	12950001	13050000	1129	1213	1.30E+07	-0.17591	0.006319229
chr3	13000001	13100000	1134	1198	13050000	-0.15158	0.015770699
chr3	13050001	13150000	1151	1284	13100000	-0.23013	0.00056318
chr3	13100001	13200000	1087	1201	13150000	-0.21626	0.00109903
chr3	13150001	13250000	1062	1120	13200000	-0.14909	0.017217808
chr3	13250001	13350000	1051	1153	13300000	-0.206	0.001762101
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chr3	13350001	13450000	1069	1149	13400000	-0.17649	0.006174305
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chr3	13500001	13600000	1044	1134	13550000	-0.19167	0.003302837
chr3	13550001	13650000	1045	1181	13600000	-0.24888	0.000216042
chr3	13600001	13700000	1078	1255	13650000	-0.2917	1.92E-05
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chr3	13800001	13900000	1166	1220	13850000	-0.13769	0.025372152
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chr3	14250001	14350000	1073	1136	14300000	-0.15468	0.014114923
chr3	14300001	14400000	1048	1150	14350000	-0.20637	0.001733274
chr3	14350001	14450000	1056	1107	14400000	-0.14042	0.023169241
chr3	14400001	14500000	1059	1109	14450000	-0.13893	0.024348652
chr3	14500001	14600000	1146	1219	14550000	-0.16146	0.011014505
chr3	14550001	14650000	1121	1250	14600000	-0.22951	0.00058056
chr3	14750001	14850000	1028	1089	14800000	-0.15554	0.013688314
chr3	14800001	14900000	1075	1174	14850000	-0.19947	0.002357294
chr3	14900001	15000000	1022	1063	14950000	-0.12912	0.033448896
chr3	15500001	15600000	936	976	15550000	-0.13274	0.029802681
chr3	15600001	15700000	1008	862	15650000	0.153364	0.015016998
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chr3	15800001	15900000	1052	911	15850000	0.13524	0.027775875
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chr3	17350001	17450000	1085	868	17400000	0.249556	0.000220671
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chr3	17450001	17550000	1044	911	17500000	0.124227	0.039263502
chr3	17500001	17600000	1023	893	17550000	0.123702	0.03989572
chr3	17550001	17650000	989	826	17600000	0.187457	0.00404708
chr3	17600001	17700000	943	822	17650000	0.125748	0.037477338
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chr3	21000001	21100000	929	811	21050000	0.123605	0.040013968
chr3	21350001	21450000	989	839	21400000	0.164928	0.009846421
chr3	21600001	21700000	1027	868	21650000	0.170297	0.008030323
chr3	22050001	22150000	889	772	22100000	0.131211	0.03160158
chr3	22100001	22200000	981	848	22150000	0.137817	0.025538113
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chr3	23250001	23350000	954	834	23300000	0.12157	0.042550834
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chr3	27500001	27600000	872	705	27550000	0.234333	0.000479115
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chr3	27900001	28000000	1144	952	27950000	0.192682	0.003251611
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chr3	29250001	29350000	1069	933	29300000	0.123941	0.039606955
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chr3	31500001	31600000	1096	933	31550000	0.159927	0.011851878
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chr3	32550001	32650000	970	830	32600000	0.152502	0.015482847
chr3	32600001	32700000	973	823	32650000	0.169176	0.00838326
chr3	33150001	33250000	1040	909	33200000	0.12186	0.042182199
chr3	33200001	33300000	1058	918	33250000	0.132402	0.030427706
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chr3	33300001	33400000	878	757	33350000	0.141556	0.022562412
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chr3	33400001	33500000	954	793	33450000	0.194297	0.003036023
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chr3	33500001	33600000	923	804	33550000	0.126763	0.036321712
chr3	33700001	33800000	912	773	33750000	0.166194	0.009388642
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chr3	34900001	35000000	965	840	34950000	0.127768	0.035207894
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chr3	35050001	35150000	914	773	35100000	0.169354	0.008326245
chr3	35100001	35200000	920	803	35150000	0.123862	0.039702286
chr3	35200001	35300000	964	809	35250000	0.180522	0.005371594
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chr3	35900001	36000000	920	965	35950000	-0.14127	0.022517915
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chr3	37050001	37150000	1030	868	37100000	0.174506	0.00682049

chr3	37150001	37250000	883	921	37200000	-0.13316	0.029407215
chr3	37250001	37350000	952	829	37300000	0.127218	0.035814392
chr3	37300001	37400000	1009	859	37350000	0.159824	0.011896532
chr3	37350001	37450000	966	832	37400000	0.143068	0.021445185
chr3	37700001	37800000	1069	1129	37750000	-0.15116	0.016009035
chr3	37750001	37850000	1034	1081	37800000	-0.1365	0.026379237
chr3	37800001	37900000	954	991	37850000	-0.12727	0.035447139
chr3	37850001	37950000	984	1030	37900000	-0.13829	0.024873224
chr3	37900001	38000000	1005	1047	37950000	-0.13144	0.031076522
chr3	37950001	38050000	1038	1112	3.80E+07	-0.17172	0.007451034
chr3	38000001	38100000	1051	1154	38050000	-0.20725	0.001665181
chr3	38050001	38150000	905	937	38100000	-0.1225	0.041046266
chr3	38600001	38700000	1123	1209	38650000	-0.17883	0.005621914
chr3	38650001	38750000	1105	1153	38700000	-0.13372	0.028882102
chr3	39350001	39450000	757	781	39400000	-0.1174	0.04781793
chr3	39400001	39500000	845	882	39450000	-0.1342	0.028435923
chr3	39750001	39850000	998	859	39800000	0.14401	0.020773135
chr3	39800001	39900000	1033	868	39850000	0.178702	0.005777902
chr3	39950001	40050000	861	753	4.00E+07	0.120992	0.043295453
chr3	40000001	40100000	894	781	40050000	0.122581	0.041275269
chr3	40150001	40250000	1063	906	40200000	0.158187	0.012628729
chr3	40200001	40300000	1100	905	40250000	0.209142	0.001581765
chr3	40250001	40350000	972	846	40300000	0.127927	0.035034151
chr3	40400001	40500000	1039	884	40450000	0.160706	0.011518001
chr3	41550001	41650000	1013	884	41600000	0.124144	0.039362787
chr3	42250001	42350000	903	959	42300000	-0.15918	0.011986426
chr3	42350001	42450000	1008	1045	42400000	-0.12438	0.03876128
chr3	42400001	42500000	1025	1092	42450000	-0.16372	0.010122831
chr3	42550001	42650000	1000	1033	42600000	-0.11921	0.045318312
chr3	42650001	42750000	1133	1203	42700000	-0.15886	0.012126483
chr3	42700001	42800000	1112	1230	42750000	-0.21787	0.001018423
chr3	42750001	42850000	906	953	42800000	-0.14534	0.019608662
chr3	42850001	42950000	937	983	42900000	-0.14151	0.022331291
chr3	43000001	43100000	1057	1130	43050000	-0.16872	0.008370322
chr3	43050001	43150000	975	1097	43100000	-0.24246	0.000302004
chr3	43100001	43200000	1010	1087	43150000	-0.17837	0.005726847
chr3	43200001	43300000	1047	1085	43250000	-0.12381	0.039448745
chr3	43500001	43600000	1008	872	43550000	0.136724	0.026468203
chr3	43550001	43650000	943	824	43600000	0.122242	0.041699532
chr3	43650001	43750000	927	794	43700000	0.151059	0.01629017
chr3	43950001	44050000	904	955	4.40E+07	-0.15155	0.015787089
chr3	44150001	44250000	1008	1095	44200000	-0.19181	0.003283727
chr3	44350001	44450000	952	835	44400000	0.116814	0.048991645
chr3	45000001	45100000	1016	1049	45050000	-0.11849	0.046307384
chr3	45300001	45400000	1105	945	45350000	0.153288	0.015057413
chr3	45350001	45450000	1043	873	45400000	0.184314	0.004605966
chr3	45900001	46000000	1059	1107	45950000	-0.13632	0.026533369

chr3	46400001	46500000	970	1005	46450000	-0.12351	0.039805791
chr3	46600001	46700000	871	984	46650000	-0.24836	0.000222053
chr3	46650001	46750000	1048	1206	46700000	-0.27496	5.13E-05
chr3	46700001	46800000	1077	1197	46750000	-0.22478	0.000731884
chr3	46850001	46950000	1093	1183	46900000	-0.18653	0.004101214
chr3	46900001	47000000	1156	1258	46950000	-0.19436	0.002943437
chr3	46950001	47050000	1117	1202	4.70E+07	-0.17818	0.005770481
chr3	47000001	47100000	1005	1052	47050000	-0.13831	0.02485257
chr3	47100001	47200000	955	818	47150000	0.151028	0.016307582
chr3	47150001	47250000	871	764	47200000	0.116728	0.049113912
chr3	47500001	47600000	766	802	47550000	-0.13863	0.024591485
chr3	47650001	47750000	969	846	47700000	0.123467	0.040181637
chr3	48250001	48350000	913	797	48300000	0.123663	0.039942955
chr3	48450001	48550000	902	962	48500000	-0.16528	0.009544065
chr3	48500001	48600000	894	930	48550000	-0.12933	0.033228675
chr3	48550001	48650000	1105	1169	48600000	-0.1536	0.014675082
chr3	48600001	48700000	1172	1287	48650000	-0.20741	0.001653221
chr3	48650001	48750000	970	1060	48700000	-0.20038	0.002264516
chr3	49000001	49100000	894	960	49050000	-0.17513	0.006516461
chr3	49050001	49150000	869	934	49100000	-0.17644	0.006186761
chr3	49100001	49200000	885	962	49150000	-0.19273	0.003156756
chr3	49150001	49250000	883	919	49200000	-0.13002	0.032506056
chr3	49650001	49750000	1024	1064	49700000	-0.12765	0.035021734
chr3	49700001	49800000	874	963	49750000	-0.21227	0.001323082
chr3	49950001	50050000	768	832	5.00E+07	-0.18785	0.003881164
chr3	50000001	50100000	836	869	50050000	-0.12823	0.034401396
chr3	50150001	50250000	1049	1153	50200000	-0.20875	0.001555568
chr3	50200001	50300000	1066	1219	50250000	-0.26586	8.59E-05
chr3	50250001	50350000	961	1190	50300000	-0.38073	4.48E-08
chr3	50300001	50400000	906	1105	50350000	-0.35884	2.25E-07
chr3	50350001	50450000	1136	1211	50400000	-0.16461	0.009790173
chr3	50400001	50500000	1204	1259	50450000	-0.13681	0.026109965
chr3	50450001	50550000	1150	1234	50500000	-0.17408	0.006792843
chr3	50500001	50600000	1144	1209	50550000	-0.1521	0.015482366
chr3	50650001	50750000	1018	1051	50700000	-0.1184	0.046430055
chr3	51200001	51300000	822	711	51250000	0.136917	0.026301773
chr3	51650001	51750000	983	1067	51700000	-0.19067	0.003446439
chr3	51700001	51800000	984	1080	51750000	-0.20667	0.001709463
chr3	51950001	52050000	1056	1141	5.20E+07	-0.18406	0.004542627
chr3	52000001	52100000	1037	1232	52050000	-0.32096	3.04E-06
chr3	52050001	52150000	1107	1196	52100000	-0.18393	0.004566414
chr3	52250001	52350000	992	1108	52300000	-0.23192	0.000515381
chr3	52300001	52400000	1073	1190	52350000	-0.22168	0.000849563
chr3	52350001	52450000	1129	1244	52400000	-0.21231	0.00132073
chr3	52400001	52500000	1092	1212	52450000	-0.22279	0.000805644
chr3	52450001	52550000	1054	1194	52500000	-0.2523	0.000180159
chr3	52500001	52600000	1029	1151	52550000	-0.23402	0.000464094

chr3	52650001	52750000	826	867	52700000	-0.14226	0.021774846
chr3	52700001	52800000	836	876	52750000	-0.1398	0.023652464
chr3	52750001	52850000	937	1031	52800000	-0.2103	0.001449375
chr3	52800001	52900000	1097	1161	52850000	-0.15418	0.014375204
chr3	53150001	53250000	1010	1079	53200000	-0.16771	0.008700483
chr3	53200001	53300000	1001	1076	53250000	-0.17661	0.006145044
chr3	54250001	54350000	956	1016	54300000	-0.16019	0.011546925
chr3	54300001	54400000	949	984	54350000	-0.12462	0.038473147
chr3	54600001	54700000	977	1027	54650000	-0.14438	0.020263966
chr3	54850001	54950000	1053	1090	54900000	-0.12219	0.041432364
chr3	54900001	55000000	1037	1135	54950000	-0.20265	0.002047892
chr3	55300001	55400000	1127	976	55350000	0.135163	0.027845437
chr3	55350001	55450000	1017	892	55400000	0.116832	0.048964889
chr3	55600001	55700000	1023	1055	55650000	-0.11681	0.048659184
chr3	55950001	56050000	1145	997	5.60E+07	0.12731	0.03571158
chr3	56150001	56250000	945	1011	56200000	-0.16977	0.008038319
chr3	56250001	56350000	1064	870	56300000	0.218039	0.001050588
chr3	56650001	56750000	860	754	56700000	0.1174	0.048157148
chr3	56700001	56800000	918	763	56750000	0.194439	0.003017608
chr3	56750001	56850000	1033	903	56800000	0.121671	0.04242257
chr3	57400001	57500000	838	735	57450000	0.116834	0.048962126
chr3	57800001	57900000	944	768	57850000	0.225309	0.000744349
chr3	57850001	57950000	963	772	57900000	0.246563	0.000257824
chr3	58000001	58100000	926	964	58050000	-0.13039	0.032127456
chr3	58050001	58150000	1009	1074	58100000	-0.16244	0.010620695
chr3	58550001	58650000	1060	1114	58600000	-0.14406	0.020487146
chr3	58600001	58700000	1001	1049	58650000	-0.13994	0.023538406
chr3	59050001	59150000	1039	898	59100000	0.138037	0.025354781
chr3	60150001	60250000	971	1001	60200000	-0.11627	0.049433546
chr3	60350001	60450000	1091	932	60400000	0.154877	0.014228746
chr3	61150001	61250000	798	853	61200000	-0.16853	0.008431839
chr3	61900001	62000000	1023	1055	61950000	-0.11681	0.048659184
chr3	62550001	62650000	1029	1065	62600000	-0.12198	0.041699661
chr3	63350001	63450000	1089	933	63400000	0.150683	0.016506002
chr3	63700001	63800000	892	954	63750000	-0.16932	0.008179624
chr3	63750001	63850000	939	999	63800000	-0.16173	0.010905024
chr3	63800001	63900000	995	1029	63850000	-0.12085	0.043154036
chr3	64250001	64350000	972	1032	64300000	-0.15879	0.012159495
chr3	64300001	64400000	1021	1070	64350000	-0.14	0.02349502
chr3	64650001	64750000	997	1062	64700000	-0.16349	0.010210906
chr3	65600001	65700000	1042	894	65650000	0.148637	0.017726384
chr3	65900001	66000000	994	866	65950000	0.126507	0.036610526
chr3	66300001	66400000	918	947	66350000	-0.11724	0.048042537
chr3	66350001	66450000	1028	1078	66400000	-0.14089	0.02280586
chr3	67450001	67550000	941	776	67500000	0.205766	0.00184077
chr3	67550001	67650000	948	983	67600000	-0.12468	0.038409184
chr3	67700001	67800000	1069	937	67750000	0.117769	0.047638557

chr3	69000001	69100000	853	891	69050000	-0.13525	0.027480089
chr3	69100001	69200000	1036	868	69150000	0.182885	0.004882095
chr3	69150001	69250000	1012	880	69200000	0.129262	0.033603145
chr3	69500001	69600000	926	983	69550000	-0.15855	0.012265042
chr3	69800001	69900000	970	1068	69850000	-0.21123	0.001388613
chr3	69850001	69950000	998	1031	69900000	-0.1193	0.045193714
chr3	70200001	70300000	1089	946	70250000	0.13072	0.03209604
chr3	70500001	70600000	1046	899	70550000	0.146118	0.019333757
chr3	70800001	70900000	947	977	70850000	-0.11737	0.047867464
chr3	71150001	71250000	975	1005	71200000	-0.11609	0.04969099
chr3	72300001	72400000	1126	1162	72350000	-0.11778	0.047292863
chr3	72800001	72900000	1036	884	72850000	0.156534	0.013407205
chr3	72850001	72950000	957	837	72900000	0.12092	0.043388953
chr3	73150001	73250000	874	766	73200000	0.117917	0.047431709
chr3	73400001	73500000	1007	1042	73450000	-0.12166	0.042103839
chr3	73600001	73700000	1027	1144	73650000	-0.22802	0.000624737
chr3	73650001	73750000	1032	1132	73700000	-0.2058	0.001777976
chr3	74150001	74250000	968	848	74200000	0.118571	0.046526365
chr3	74200001	74300000	960	820	74250000	0.155039	0.014146904
chr3	74500001	74600000	1027	888	74550000	0.137433	0.025861848
chr3	74700001	74800000	1032	882	74750000	0.154221	0.014566357
chr3	74750001	74850000	1036	860	74800000	0.196244	0.002793311
chr3	74800001	74900000	983	828	74850000	0.175189	0.0066401
chr3	74900001	75000000	961	837	74950000	0.126937	0.036127101
chr3	74950001	75050000	969	812	7.50E+07	0.182645	0.004929935
chr3	75000001	75100000	1006	852	75050000	0.167333	0.008992577
chr3	75050001	75150000	1019	831	75100000	0.221862	0.000877473
chr3	75300001	75400000	472	497	75350000	-0.14683	0.018624313
chr3	75450001	75550000	195	208	75500000	-0.16548	0.009472046
chr3	75900001	76000000	604	510	75950000	0.17168	0.007613592
chr3	76000001	76100000	949	815	76050000	0.147236	0.018605424
chr3	76050001	76150000	1016	874	76100000	0.144823	0.020207236
chr3	76750001	76850000	969	827	76800000	0.156238	0.013551109
chr3	76900001	77000000	1057	899	76950000	0.161211	0.011305859
chr3	76950001	77050000	1030	816	7.70E+07	0.263632	0.000103978
chr3	77100001	77200000	1030	855	77150000	0.196276	0.002789405
chr3	77200001	77300000	929	970	77250000	-0.13468	0.02799763
chr3	77250001	77350000	803	867	77300000	-0.183	0.00474436
chr3	77350001	77450000	1040	904	77400000	0.129817	0.033022714
chr3	77400001	77500000	1015	881	77450000	0.131894	0.030923661
chr3	77900001	78000000	1068	918	77950000	0.145974	0.019429456
chr3	78250001	78350000	1041	900	78300000	0.137601	0.025719419
chr3	78650001	78750000	1013	854	78700000	0.173954	0.006969164
chr3	78700001	78800000	956	773	78750000	0.23417	0.000482996
chr3	78750001	78850000	957	824	78800000	0.143503	0.021132645
chr3	78900001	79000000	971	810	78950000	0.189178	0.003767651
chr3	78950001	79050000	1004	782	7.90E+07	0.288147	2.58E-05

chr3	79000001	79100000	1054	882	79050000	0.184653	0.004542582
chr3	79450001	79550000	1039	902	79500000	0.131625	0.031189596
chr3	80050001	80150000	1001	869	80100000	0.131642	0.031172194
chr3	80350001	80450000	1075	922	80400000	0.149126	0.017427673
chr3	80400001	80500000	1026	844	80450000	0.209344	0.001567378
chr3	80450001	80550000	967	823	80500000	0.160252	0.011711648
chr3	80550001	80650000	982	853	80600000	0.130806	0.032009511
chr3	80600001	80700000	945	790	80650000	0.18609	0.004282211
chr3	80650001	80750000	961	774	80700000	0.239831	0.000363793
chr3	80800001	80900000	1005	873	80850000	0.13077	0.032045288
chr3	81050001	81150000	914	802	81100000	0.11622	0.049847406
chr3	81200001	81300000	1072	926	81250000	0.138849	0.024685556
chr3	81250001	81350000	1050	920	81300000	0.118312	0.046883588
chr3	81600001	81700000	1034	837	81650000	0.232565	0.000522895
chr3	81650001	81750000	1073	844	81700000	0.273963	5.86E-05
chr3	82050001	82150000	1103	966	82100000	0.118966	0.045986368
chr3	82300001	82400000	881	758	82350000	0.144572	0.02038045
chr3	82350001	82450000	866	754	82400000	0.127431	0.035578529
chr3	82400001	82500000	935	784	82450000	0.181741	0.005113872
chr3	82450001	82550000	1001	842	82500000	0.177178	0.00613879
chr3	82500001	82600000	1046	909	82550000	0.130159	0.032669387
chr3	82550001	82650000	1068	861	82600000	0.238455	0.000389947
chr3	82600001	82700000	1024	865	82650000	0.171072	0.007794394
chr3	82900001	83000000	959	830	82950000	0.136048	0.0270575
chr3	82950001	83050000	951	793	8.30E+07	0.189753	0.003678204
chr3	83000001	83100000	994	868	83050000	0.123179	0.040534457
chr3	83050001	83150000	1041	891	83100000	0.152101	0.015703473
chr3	83100001	83200000	982	860	83150000	0.119015	0.045920172
chr3	83200001	83300000	991	869	83250000	0.117157	0.048501713
chr3	83300001	83400000	968	813	83350000	0.17938	0.005623372
chr3	83350001	83450000	1021	825	83400000	0.235145	0.000460174
chr3	83400001	83500000	1042	889	83450000	0.156728	0.013313625
chr3	83450001	83550000	976	832	83500000	0.157926	0.01274899
chr3	83500001	83600000	960	825	83550000	0.146269	0.019234364
chr3	83750001	83850000	982	840	83800000	0.152962	0.0152327
chr3	83800001	83900000	979	846	83850000	0.138279	0.025153141
chr3	83900001	84000000	1015	889	83950000	0.118853	0.046140764
chr3	83950001	84050000	1040	857	8.40E+07	0.206845	0.001754106
chr3	84000001	84100000	998	836	84050000	0.183165	0.00482687
chr3	84050001	84150000	958	803	84100000	0.182254	0.005008788
chr3	84100001	84200000	995	839	84150000	0.173654	0.007051418
chr3	84250001	84350000	968	820	84300000	0.167011	0.009102917
chr3	84300001	84400000	1040	849	84350000	0.220375	0.000941401
chr3	84350001	84450000	999	831	84400000	0.193264	0.003172283
chr3	84400001	84500000	950	811	84450000	0.155854	0.013739408
chr3	84450001	84550000	948	823	84500000	0.131623	0.031191267
chr3	84500001	84600000	1012	866	84550000	0.152399	0.015539333

chr3	84550001	84650000	1021	845	84600000	0.200588	0.002313909
chr3	84600001	84700000	1000	845	84650000	0.170605	0.007935896
chr3	84650001	84750000	1009	882	84700000	0.121704	0.042380192
chr3	85250001	85350000	952	800	85300000	0.17859	0.005803713
chr3	85300001	85400000	1034	793	85350000	0.310472	6.66E-06
chr3	85350001	85450000	981	749	85400000	0.316916	4.43E-06
chr3	85400001	85500000	916	793	85450000	0.135655	0.02740483
chr3	85450001	85550000	984	816	85500000	0.197717	0.002621434
chr3	85500001	85600000	1022	829	85550000	0.229579	0.000605336
chr3	85550001	85650000	1032	904	85600000	0.118677	0.046381595
chr3	85650001	85750000	1048	877	85700000	0.184618	0.004548972
chr3	85700001	85800000	1033	872	85750000	0.172068	0.007499823
chr3	86850001	86950000	924	799	86900000	0.137326	0.025952816
chr3	86900001	87000000	1007	866	86950000	0.145253	0.019913777
chr3	87300001	87400000	1014	873	87350000	0.143632	0.021040332
chr3	87350001	87450000	1009	858	87400000	0.161505	0.011183815
chr3	87500001	87600000	1033	812	87550000	0.274917	5.55E-05
chr3	87550001	87650000	991	840	87600000	0.166124	0.009413349
chr3	87800001	87900000	980	852	87850000	0.129557	0.033294148
chr3	87850001	87950000	909	777	87900000	0.153994	0.014684484
chr3	88100001	88200000	1000	855	88150000	0.153632	0.014874824
chr3	88150001	88250000	966	804	88200000	0.192456	0.003282846
chr3	88200001	88300000	928	806	88250000	0.130973	0.031840208
chr3	88250001	88350000	1005	868	88300000	0.139057	0.024516852
chr3	88400001	88500000	1021	894	88450000	0.119264	0.045581659
chr3	88450001	88550000	995	786	88500000	0.267795	8.27E-05
chr3	88500001	88600000	933	736	88550000	0.2698	7.40E-05
chr3	88550001	88650000	891	710	88600000	0.255235	0.000163566
chr3	88600001	88700000	898	752	88650000	0.183611	0.004740018
chr3	88650001	88750000	976	843	88700000	0.138977	0.024581732
chr3	88700001	88800000	1012	876	88750000	0.135835	0.027245376
chr3	89000001	89100000	1023	879	89050000	0.146499	0.01908275
chr3	89050001	89150000	965	799	89100000	0.199962	0.002378053
chr3	89100001	89200000	1017	849	89150000	0.188111	0.003938672
chr3	89200001	89300000	1075	912	89250000	0.164859	0.009871849
chr3	89250001	89350000	1064	832	89300000	0.282471	3.60E-05
chr3	89300001	89400000	1016	853	89350000	0.179911	0.005504983
chr3	89500001	89600000	969	835	89550000	0.142349	0.021970601
chr3	89550001	89650000	1059	898	89600000	0.165543	0.009621408
chr3	89600001	89700000	1069	869	89650000	0.226462	0.000704156
chr3	89650001	89750000	1075	890	89700000	0.200088	0.00236502
chr3	89800001	89900000	990	835	89850000	0.173281	0.007154825
chr3	89850001	89950000	856	704	89900000	0.209664	0.001544864
chr3	90200001	90300000	456	383	90250000	0.179318	0.0056374
chr3	90300001	90400000	642	561	90350000	0.122201	0.041750989
chr3	90350001	90450000	638	540	90400000	0.168225	0.008692862
chr3	90500001	90600000	48	42	90550000	0.120273	0.044234652

chr3	93450001	93550000	186	213	93500000	-0.26792	7.66E-05
chr3	93500001	93600000	445	477	93550000	-0.17256	0.007212201
chr3	94050001	94150000	1016	885	94100000	0.126779	0.036303864
chr3	94100001	94200000	1047	909	94150000	0.131537	0.031275926
chr3	94150001	94250000	1024	881	94200000	0.14463	0.020340582
chr3	94500001	94600000	940	794	94550000	0.17115	0.007770953
chr3	94650001	94750000	955	827	94700000	0.135242	0.027774384
chr3	94700001	94800000	922	793	94750000	0.145074	0.020035536
chr3	94750001	94850000	959	836	94800000	0.125656	0.037582904
chr3	94850001	94950000	920	784	94900000	0.158408	0.012527421
chr3	94900001	95000000	922	807	94950000	0.119826	0.044827398
chr3	95050001	95150000	1054	890	95100000	0.171626	0.007629413
chr3	95200001	95300000	1040	883	95250000	0.163726	0.010298971
chr3	95250001	95350000	971	846	95300000	0.126442	0.036684285
chr3	95350001	95450000	915	793	95400000	0.134079	0.028836197
chr3	95400001	95500000	943	821	95450000	0.127504	0.035497946
chr3	95500001	95600000	935	810	95550000	0.134673	0.028289884
chr3	95550001	95650000	940	819	95600000	0.126426	0.036702776
chr3	95650001	95750000	959	821	95700000	0.151777	0.015883928
chr3	95700001	95800000	1030	818	95750000	0.2601	0.00012599
chr3	95750001	95850000	989	823	95800000	0.192706	0.003248237
chr3	95800001	95900000	933	813	95850000	0.12625	0.036902108
chr3	95850001	95950000	966	842	95900000	0.125831	0.037381128
chr3	95900001	96000000	1040	859	95950000	0.203482	0.002037413
chr3	95950001	96050000	1019	849	9.60E+07	0.190946	0.003498701
chr3	96150001	96250000	993	858	96200000	0.138444	0.025017039
chr3	96550001	96650000	1050	867	96600000	0.203914	0.001998828
chr3	96600001	96700000	940	784	96650000	0.189435	0.003727328
chr3	96750001	96850000	1066	923	96800000	0.135433	0.027602667
chr3	96800001	96900000	1109	948	96850000	0.153929	0.014718657
chr3	96850001	96950000	1080	936	96900000	0.134079	0.028836197
chr3	96900001	97000000	991	843	96950000	0.160981	0.011402027
chr3	97100001	97200000	1077	897	97150000	0.191467	0.003422858
chr3	97150001	97250000	1022	862	97200000	0.173264	0.007159538
chr3	97250001	97350000	1016	852	97300000	0.181603	0.005142403
chr3	97300001	97400000	1013	845	97350000	0.189239	0.003757987
chr3	97350001	97450000	1010	861	97400000	0.157898	0.012761703
chr3	97450001	97550000	1041	905	97500000	0.129609	0.03323977
chr3	98200001	98300000	1099	936	98250000	0.159239	0.012153837
chr3	98350001	98450000	839	731	98400000	0.126428	0.036700398
chr3	98950001	99050000	905	790	9.90E+07	0.123693	0.039906546
chr3	99300001	99400000	959	839	99350000	0.120488	0.043951914
chr3	99650001	99750000	1085	933	99700000	0.145374	0.019831562
chr3	99700001	99800000	1018	865	99750000	0.162594	0.010742144
chr3	1E+08	1E+08	946	813	100400000	0.146213	0.019270948
chr3	1.01E+08	1.01E+08	1084	928	100550000	0.151796	0.015873048
chr3	1.01E+08	1.01E+08	719	758	101200000	-0.14858	0.017526872

chr3	1.01E+08	1.01E+08	818	867	101250000	-0.1563	0.013313161
chr3	1.01E+08	1.01E+08	747	771	101300000	-0.11799	0.046987031
chr3	1.02E+08	1.02E+08	1089	916	102100000	0.177213	0.006130373
chr3	1.02E+08	1.02E+08	1071	939	102150000	0.11739	0.04817229
chr3	1.03E+08	1.03E+08	954	821	102550000	0.144235	0.020615041
chr3	1.03E+08	1.03E+08	995	870	102850000	0.121309	0.042885167
chr3	1.03E+08	1.03E+08	1024	878	103100000	0.149551	0.017171892
chr3	1.03E+08	1.03E+08	1028	825	103150000	0.245002	0.000279443
chr3	1.03E+08	1.03E+08	1013	759	103200000	0.344091	7.37E-07
chr3	1.03E+08	1.03E+08	926	752	103250000	0.227908	0.000656604
chr3	1.03E+08	1.03E+08	953	791	103300000	0.196427	0.002771418
chr3	1.03E+08	1.03E+08	1005	869	103350000	0.137396	0.025893353
chr3	1.03E+08	1.04E+08	1020	881	103450000	0.138983	0.024576286
chr3	1.03E+08	1.04E+08	1089	953	103500000	0.120084	0.04448482
chr3	1.04E+08	1.04E+08	1075	943	103600000	0.116635	0.049247642
chr3	1.04E+08	1.04E+08	1074	912	103650000	0.163516	0.010379878
chr3	1.04E+08	1.04E+08	1042	900	103700000	0.138987	0.024573736
chr3	1.04E+08	1.04E+08	1010	886	103850000	0.116605	0.049291222
chr3	1.04E+08	1.04E+08	1062	819	103900000	0.302477	1.09E-05
chr3	1.04E+08	1.04E+08	1026	831	103950000	0.231739	0.000544603
chr3	1.04E+08	1.04E+08	979	854	1.04E+08	0.124701	0.038699374
chr3	1.04E+08	1.04E+08	953	828	104050000	0.130474	0.032346751
chr3	1.04E+08	1.05E+08	1045	911	104500000	0.125608	0.037638251
chr3	1.05E+08	1.05E+08	1068	866	104550000	0.230101	0.000590117
chr3	1.05E+08	1.05E+08	1075	893	104600000	0.195233	0.002917038
chr3	1.05E+08	1.05E+08	1016	867	104750000	0.156425	0.013460081
chr3	1.05E+08	1.05E+08	1038	890	104800000	0.149557	0.017168104
chr3	1.05E+08	1.05E+08	1036	867	104850000	0.184548	0.004561998
chr3	1.05E+08	1.05E+08	1054	844	104900000	0.248188	0.000236984
chr3	1.05E+08	1.05E+08	1038	901	105400000	0.131836	0.030981102
chr3	1.05E+08	1.06E+08	1029	901	105450000	0.119272	0.045571064
chr3	1.06E+08	1.06E+08	1071	918	105600000	0.150021	0.016892961
chr3	1.06E+08	1.06E+08	1053	870	105650000	0.203046	0.002076989
chr3	1.06E+08	1.06E+08	1043	891	105700000	0.15487	0.014232523
chr3	1.06E+08	1.06E+08	1008	881	106200000	0.12191	0.042118294
chr3	1.07E+08	1.07E+08	995	838	106550000	0.175375	0.006591827
chr3	1.07E+08	1.07E+08	927	803	106600000	0.134798	0.028176043
chr3	1.07E+08	1.07E+08	890	928	106850000	-0.13269	0.029853633
chr3	1.07E+08	1.07E+08	1070	914	107250000	0.154973	0.014180235
chr3	1.07E+08	1.07E+08	1040	903	107300000	0.131414	0.031398819
chr3	1.08E+08	1.08E+08	946	824	1.08E+08	0.126824	0.036253592
chr3	1.09E+08	1.09E+08	924	972	108800000	-0.14544	0.019542554
chr3	1.09E+08	1.09E+08	790	691	109050000	0.120795	0.043550673
chr3	1.09E+08	1.09E+08	772	655	109100000	0.164734	0.009918204
chr3	1.09E+08	1.1E+08	913	779	109500000	0.15662	0.013365794
chr3	1.1E+08	1.1E+08	961	839	109600000	0.123494	0.040149177
chr3	1.1E+08	1.1E+08	943	803	109650000	0.159486	0.012044721

chr3	1.1E+08	1.1E+08	915	759	109750000	0.1973	0.002669104
chr3	1.1E+08	1.1E+08	1019	851	109800000	0.187551	0.004031301
chr3	1.1E+08	1.1E+08	1025	856	109850000	0.187569	0.004028262
chr3	1.1E+08	1.1E+08	1064	880	109900000	0.201551	0.002218316
chr3	1.1E+08	1.1E+08	886	765	110200000	0.139475	0.024180031
chr3	1.1E+08	1.11E+08	1020	882	110450000	0.137347	0.025934777
chr3	1.1E+08	1.11E+08	1080	913	110500000	0.169973	0.008131097
chr3	1.11E+08	1.11E+08	1064	867	110550000	0.223022	0.000830375
chr3	1.11E+08	1.11E+08	946	830	110600000	0.116357	0.049648913
chr3	1.12E+08	1.12E+08	1099	960	111700000	0.122713	0.041109964
chr3	1.12E+08	1.12E+08	1000	858	112050000	0.148579	0.017762127
chr3	1.12E+08	1.12E+08	968	821	112100000	0.165253	0.009727004
chr3	1.13E+08	1.13E+08	936	816	112650000	0.125568	0.037685231
chr3	1.13E+08	1.13E+08	1029	878	112700000	0.156578	0.013385758
chr3	1.13E+08	1.13E+08	961	824	113050000	0.14952	0.017190312
chr3	1.13E+08	1.13E+08	888	774	113100000	0.125854	0.03735451
chr3	1.13E+08	1.14E+08	918	802	113500000	0.12252	0.041350593
chr3	1.15E+08	1.15E+08	1067	919	114650000	0.143052	0.021456938
chr3	1.15E+08	1.15E+08	1012	884	115050000	0.122719	0.041102583
chr3	1.15E+08	1.15E+08	1073	911	115100000	0.163755	0.010287863
chr3	1.16E+08	1.16E+08	1015	868	115900000	0.153341	0.015029308
chr3	1.16E+08	1.16E+08	1020	876	115950000	0.147195	0.018632127
chr3	1.17E+08	1.17E+08	1000	871	117050000	0.126884	0.036186887
chr3	1.17E+08	1.18E+08	984	839	117500000	0.157616	0.01289316
chr3	1.18E+08	1.18E+08	1036	893	117550000	0.14192	0.022288836
chr3	1.18E+08	1.18E+08	1066	929	117650000	0.126085	0.037090003
chr3	1.18E+08	1.18E+08	1029	879	117800000	0.154936	0.014198922
chr3	1.18E+08	1.18E+08	1028	901	117850000	0.117869	0.04749821
chr3	1.18E+08	1.18E+08	982	811	118050000	0.203649	0.00202236
chr3	1.19E+08	1.19E+08	959	1020	119300000	-0.16134	0.011065668
chr3	1.19E+08	1.19E+08	1036	1084	119350000	-0.13771	0.02534922
chr3	1.2E+08	1.2E+08	1022	1086	120200000	-0.16	0.011627828
chr3	1.2E+08	1.2E+08	888	927	120250000	-0.13438	0.028268345
chr3	1.21E+08	1.21E+08	834	711	120800000	0.157826	0.012795231
chr3	1.21E+08	1.21E+08	962	819	1.21E+08	0.159802	0.011906422
chr3	1.21E+08	1.21E+08	901	732	121150000	0.227312	0.000675837
chr3	1.21E+08	1.21E+08	883	727	121200000	0.208086	0.001658943
chr3	1.21E+08	1.22E+08	985	852	121450000	0.136899	0.026317703
chr3	1.21E+08	1.22E+08	981	814	121500000	0.196853	0.002721096
chr3	1.22E+08	1.22E+08	1030	903	122050000	0.117475	0.048052286
chr3	1.22E+08	1.22E+08	1091	895	122100000	0.21332	0.001307506
chr3	1.22E+08	1.22E+08	1003	873	122150000	0.127896	0.035067529
chr3	1.22E+08	1.23E+08	925	954	122500000	-0.11691	0.048517709
chr3	1.23E+08	1.23E+08	977	1014	122550000	-0.126	0.036872841
chr3	1.23E+08	1.23E+08	1076	1204	122700000	-0.23453	0.000452314
chr3	1.23E+08	1.23E+08	1034	1202	122750000	-0.28957	2.18E-05
chr3	1.23E+08	1.23E+08	1114	1166	122800000	-0.13819	0.024952031

chr3	1.23E+08	1.23E+08	1077	1114	1.23E+08	-0.1211	0.042822169
chr3	1.23E+08	1.23E+08	1098	1213	123050000	-0.21607	0.001108496
chr3	1.23E+08	1.23E+08	1107	1173	123100000	-0.15592	0.013499428
chr3	1.23E+08	1.23E+08	1024	1084	123150000	-0.15452	0.014198307
chr3	1.23E+08	1.23E+08	964	1051	123200000	-0.19703	0.00262255
chr3	1.23E+08	1.23E+08	985	1050	123400000	-0.16457	0.009805827
chr3	1.23E+08	1.24E+08	938	988	123450000	-0.14729	0.018327197
chr3	1.24E+08	1.24E+08	964	1006	124100000	-0.1339	0.02871534
chr3	1.24E+08	1.25E+08	918	1010	124500000	-0.21016	0.001458322
chr3	1.25E+08	1.26E+08	200	216	125450000	-0.1834	0.004667224
chr3	1.25E+08	1.26E+08	147	160	125500000	-0.19463	0.002910009
chr3	1.26E+08	1.26E+08	147	155	125550000	-0.14882	0.017376891
chr3	1.26E+08	1.26E+08	135	149	125600000	-0.21472	0.001180711
chr3	1.26E+08	1.26E+08	229	277	125650000	-0.34691	5.25E-07
chr3	1.26E+08	1.26E+08	598	686	125700000	-0.27043	6.65E-05
chr3	1.26E+08	1.26E+08	960	1033	125750000	-0.17811	0.005787597
chr3	1.26E+08	1.26E+08	1032	1086	125800000	-0.14595	0.019197533
chr3	1.26E+08	1.26E+08	1044	1120	125850000	-0.17375	0.006882146
chr3	1.26E+08	1.26E+08	1035	1123	125900000	-0.1901	0.003530564
chr3	1.26E+08	1.26E+08	963	1086	125950000	-0.24579	0.000254087
chr3	1.26E+08	1.26E+08	937	1070	1.26E+08	-0.26386	9.60E-05
chr3	1.26E+08	1.26E+08	1018	1088	126050000	-0.16831	0.008502107
chr3	1.26E+08	1.26E+08	1069	1112	126100000	-0.12927	0.033292625
chr3	1.26E+08	1.26E+08	1080	1159	126150000	-0.17422	0.006755247
chr3	1.26E+08	1.26E+08	1095	1262	126200000	-0.27715	4.53E-05
chr3	1.26E+08	1.26E+08	1063	1277	126250000	-0.33699	1.04E-06
chr3	1.26E+08	1.26E+08	933	1061	126300000	-0.25785	0.000133614
chr3	1.26E+08	1.26E+08	929	968	126350000	-0.1317	0.030817046
chr3	1.26E+08	1.26E+08	1052	1106	126400000	-0.14459	0.020118301
chr3	1.26E+08	1.27E+08	1043	1109	126450000	-0.16089	0.011250523
chr3	1.27E+08	1.27E+08	1082	1163	126600000	-0.17652	0.006166029
chr3	1.27E+08	1.27E+08	1163	1220	126650000	-0.1414	0.022415893
chr3	1.27E+08	1.27E+08	1217	1354	126700000	-0.22627	0.000680629
chr3	1.27E+08	1.27E+08	1164	1368	126750000	-0.30535	8.27E-06
chr3	1.27E+08	1.27E+08	1077	1232	126800000	-0.26636	8.36E-05
chr3	1.27E+08	1.27E+08	1130	1269	126850000	-0.23974	0.000347312
chr3	1.27E+08	1.27E+08	1166	1205	126900000	-0.11984	0.044480381
chr3	1.27E+08	1.27E+08	1047	1111	127050000	-0.15797	0.012529202
chr3	1.27E+08	1.27E+08	1119	1162	127100000	-0.12677	0.035998802
chr3	1.27E+08	1.27E+08	1124	1200	127150000	-0.16676	0.009021164
chr3	1.27E+08	1.27E+08	1045	1125	127200000	-0.17879	0.005629675
chr3	1.27E+08	1.27E+08	1071	1190	127250000	-0.22437	0.000746269
chr3	1.27E+08	1.27E+08	1052	1251	127300000	-0.32232	2.78E-06
chr3	1.27E+08	1.27E+08	985	1128	127350000	-0.26794	7.65E-05
chr3	1.27E+08	1.27E+08	1047	1144	127400000	-0.2002	0.002282765
chr3	1.27E+08	1.28E+08	1091	1153	127450000	-0.15211	0.015474545
chr3	1.28E+08	1.28E+08	1004	1043	127550000	-0.12735	0.035354251

chr3	1.28E+08	1.28E+08	1040	1084	127900000	-0.13215	0.030373727
chr3	1.28E+08	1.28E+08	1192	1284	128100000	-0.17963	0.005442343
chr3	1.28E+08	1.28E+08	1141	1358	128150000	-0.32356	2.56E-06
chr3	1.28E+08	1.28E+08	1109	1264	128200000	-0.26111	0.000111797
chr3	1.29E+08	1.29E+08	901	938	128600000	-0.13043	0.032086833
chr3	1.29E+08	1.29E+08	861	888	128650000	-0.11692	0.048502676
chr3	1.29E+08	1.29E+08	842	896	128950000	-0.16205	0.010776166
chr3	1.29E+08	1.29E+08	924	995	1.29E+08	-0.17918	0.005543758
chr3	1.29E+08	1.29E+08	891	974	129050000	-0.20087	0.002216166
chr3	1.29E+08	1.29E+08	893	933	129100000	-0.13559	0.027179548
chr3	1.29E+08	1.29E+08	972	1090	129250000	-0.23767	0.00038594
chr3	1.29E+08	1.29E+08	1093	1276	129300000	-0.29571	1.50E-05
chr3	1.29E+08	1.29E+08	1049	1083	129350000	-0.11839	0.046439067
chr3	1.29E+08	1.29E+08	953	829	129400000	0.128732	0.034165015
chr3	1.3E+08	1.3E+08	764	827	129700000	-0.18669	0.004074306
chr3	1.3E+08	1.3E+08	313	351	129750000	-0.23768	0.000385775
chr3	1.3E+08	1.3E+08	171	177	129800000	-0.12212	0.04151994
chr3	1.3E+08	1.3E+08	126	139	129850000	-0.21403	0.001219408
chr3	1.3E+08	1.3E+08	212	227	129900000	-0.171	0.007663606
chr3	1.31E+08	1.31E+08	1012	881	131400000	0.127624	0.035366095
chr3	1.32E+08	1.32E+08	972	843	131650000	0.133052	0.029802385
chr3	1.32E+08	1.32E+08	946	797	131700000	0.174889	0.006718826
chr3	1.33E+08	1.33E+08	964	1034	133150000	-0.1735	0.006949052
chr3	1.34E+08	1.34E+08	1067	1123	133700000	-0.14617	0.019054707
chr3	1.34E+08	1.34E+08	1026	1137	133750000	-0.22057	0.000895879
chr3	1.34E+08	1.34E+08	1013	1048	133800000	-0.12138	0.042470417
chr3	1.34E+08	1.34E+08	924	1013	134300000	-0.20504	0.001839988
chr3	1.34E+08	1.34E+08	1042	1116	134350000	-0.17135	0.007558849
chr3	1.34E+08	1.34E+08	1054	1136	134400000	-0.18046	0.005263127
chr3	1.34E+08	1.35E+08	1014	1060	134450000	-0.13638	0.02648647
chr3	1.35E+08	1.35E+08	910	777	135350000	0.15558	0.013875067
chr3	1.35E+08	1.36E+08	1026	1066	135500000	-0.12755	0.035137642
chr3	1.36E+08	1.36E+08	848	738	135800000	0.128072	0.034876577
chr3	1.36E+08	1.36E+08	923	804	136350000	0.126763	0.036321712
chr3	1.36E+08	1.36E+08	905	762	136400000	0.175755	0.006493849
chr3	1.36E+08	1.37E+08	838	709	136450000	0.168793	0.008506765
chr3	1.37E+08	1.38E+08	964	999	137500000	-0.12382	0.039427108
chr3	1.38E+08	1.38E+08	946	1019	137550000	-0.17961	0.005446524
chr3	1.38E+08	1.38E+08	833	864	137600000	-0.12509	0.037926974
chr3	1.38E+08	1.38E+08	962	994	137800000	-0.11958	0.044822551
chr3	1.38E+08	1.38E+08	857	713	138300000	0.193021	0.003205164
chr3	1.38E+08	1.39E+08	880	761	138450000	0.137235	0.026029597
chr3	1.38E+08	1.39E+08	856	746	138500000	0.126063	0.037114884
chr3	1.39E+08	1.39E+08	794	668	138550000	0.176919	0.006202082
chr3	1.39E+08	1.39E+08	904	933	138650000	-0.11793	0.04708209
chr3	1.39E+08	1.39E+08	926	976	138700000	-0.14824	0.017734222
chr3	1.39E+08	1.39E+08	922	966	138850000	-0.13963	0.023788168

chr3	1.39E+08	1.39E+08	1039	1115	139050000	-0.17422	0.006755566
chr3	1.4E+08	1.4E+08	1005	1048	139950000	-0.13281	0.029735112
chr3	1.4E+08	1.4E+08	1071	1107	140050000	-0.12007	0.044173409
chr3	1.4E+08	1.4E+08	1046	1114	140100000	-0.16324	0.010307914
chr3	1.4E+08	1.4E+08	1051	1099	140150000	-0.1368	0.026122126
chr3	1.4E+08	1.41E+08	952	987	140500000	-0.12446	0.038664764
chr3	1.41E+08	1.41E+08	900	948	140650000	-0.14733	0.018302455
chr3	1.41E+08	1.41E+08	985	1034	140950000	-0.14241	0.021664409
chr3	1.41E+08	1.41E+08	1026	1061	1.41E+08	-0.12077	0.043258809
chr3	1.41E+08	1.41E+08	1030	902	141250000	0.119073	0.045840522
chr3	1.41E+08	1.41E+08	1020	885	141300000	0.132448	0.030382888
chr3	1.41E+08	1.41E+08	825	869	141400000	-0.14733	0.018302455
chr3	1.42E+08	1.42E+08	909	789	141750000	0.131883	0.030934291
chr3	1.42E+08	1.43E+08	1034	901	142500000	0.126265	0.036884537
chr3	1.43E+08	1.43E+08	1087	931	142550000	0.151127	0.016251025
chr3	1.43E+08	1.43E+08	967	1022	142850000	-0.15218	0.015438291
chr3	1.44E+08	1.44E+08	1067	909	143800000	0.158836	0.012333826
chr3	1.44E+08	1.44E+08	1069	899	143850000	0.177497	0.006061607
chr3	1.44E+08	1.44E+08	1039	890	144100000	0.150947	0.016354267
chr3	1.44E+08	1.44E+08	1037	884	144350000	0.157926	0.01274899
chr3	1.44E+08	1.44E+08	1069	916	144400000	0.150471	0.016629343
chr3	1.44E+08	1.45E+08	998	860	144450000	0.142331	0.021983382
chr3	1.44E+08	1.45E+08	943	812	144500000	0.143406	0.021201686
chr3	1.45E+08	1.45E+08	971	850	144650000	0.119637	0.045080779
chr3	1.45E+08	1.45E+08	954	827	144800000	0.13373	0.02916144
chr3	1.45E+08	1.45E+08	1127	958	144900000	0.162018	0.010973665
chr3	1.45E+08	1.45E+08	1032	810	144950000	0.277077	4.91E-05
chr3	1.45E+08	1.45E+08	1000	786	1.45E+08	0.275027	5.51E-05
chr3	1.45E+08	1.45E+08	1093	903	145050000	0.203124	0.002069904
chr3	1.45E+08	1.45E+08	1043	904	145100000	0.133973	0.028935047
chr3	1.45E+08	1.45E+08	1047	893	145350000	0.157158	0.013108737
chr3	1.45E+08	1.45E+08	999	837	145400000	0.182885	0.004882095
chr3	1.45E+08	1.46E+08	983	804	145450000	0.217624	0.001071158
chr3	1.46E+08	1.46E+08	1007	866	145750000	0.145253	0.019913777
chr3	1.46E+08	1.46E+08	971	821	145800000	0.169717	0.00821117
chr3	1.46E+08	1.46E+08	1029	853	145850000	0.198254	0.00256132
chr3	1.46E+08	1.46E+08	1056	922	145900000	0.123399	0.040264444
chr3	1.46E+08	1.46E+08	1054	923	145950000	0.119101	0.045803454
chr3	1.46E+08	1.46E+08	918	759	146100000	0.202022	0.002172835
chr3	1.46E+08	1.46E+08	916	791	146150000	0.139298	0.02432208
chr3	1.46E+08	1.46E+08	1032	873	146350000	0.169018	0.008434037
chr3	1.46E+08	1.46E+08	975	825	146400000	0.168636	0.008557728
chr3	1.47E+08	1.47E+08	1112	971	146600000	0.123242	0.040457387
chr3	1.47E+08	1.47E+08	1041	849	146650000	0.221762	0.000881647
chr3	1.47E+08	1.47E+08	1006	864	146700000	0.147155	0.018657346
chr3	1.47E+08	1.47E+08	1012	885	146750000	0.121088	0.043170442
chr3	1.47E+08	1.47E+08	896	752	146800000	0.180394	0.005399175

chr3	1.47E+08	1.47E+08	929	789	146850000	0.163282	0.010471096
chr3	1.47E+08	1.47E+08	1027	887	146950000	0.139058	0.024515541
chr3	1.47E+08	1.47E+08	976	832	1.47E+08	0.157926	0.01274899
chr3	1.47E+08	1.47E+08	1030	892	147050000	0.135157	0.02785061
chr3	1.47E+08	1.47E+08	1028	852	147200000	0.198543	0.002529374
chr3	1.47E+08	1.47E+08	1023	869	147250000	0.163006	0.010578838
chr3	1.47E+08	1.47E+08	988	863	147300000	0.122779	0.041028742
chr3	1.47E+08	1.47E+08	1017	841	147350000	0.20177	0.002197062
chr3	1.47E+08	1.47E+08	950	826	147400000	0.129414	0.033443481
chr3	1.48E+08	1.48E+08	1077	910	147600000	0.170708	0.007904474
chr3	1.48E+08	1.48E+08	1043	896	147700000	0.146797	0.018888851
chr3	1.48E+08	1.48E+08	1047	899	147750000	0.147497	0.018439224
chr3	1.48E+08	1.48E+08	1015	882	147800000	0.130257	0.032568134
chr3	1.48E+08	1.48E+08	998	851	147850000	0.157509	0.012943148
chr3	1.48E+08	1.48E+08	893	770	148050000	0.14143	0.022657628
chr3	1.49E+08	1.49E+08	961	1029	149050000	-0.17101	0.007661636
chr3	1.49E+08	1.49E+08	1072	917	149250000	0.152939	0.015244809
chr3	1.49E+08	1.49E+08	1041	890	149300000	0.153721	0.014827754
chr3	1.49E+08	1.5E+08	1045	907	149450000	0.131957	0.030862075
chr3	1.49E+08	1.5E+08	1029	881	149500000	0.151657	0.015950925
chr3	1.5E+08	1.5E+08	927	762	150300000	0.210407	0.001493655
chr3	1.5E+08	1.5E+08	937	805	150350000	0.146688	0.018959225
chr3	1.5E+08	1.5E+08	939	800	150400000	0.158753	0.012371103
chr3	1.51E+08	1.51E+08	943	816	151400000	0.136317	0.026821618
chr3	1.51E+08	1.52E+08	974	833	151450000	0.153234	0.015086748
chr3	1.52E+08	1.52E+08	1034	886	151800000	0.150486	0.016620481
chr3	1.52E+08	1.52E+08	1019	851	151850000	0.187551	0.004031301
chr3	1.52E+08	1.52E+08	1020	852	152050000	0.187272	0.004078193
chr3	1.52E+08	1.52E+08	996	866	152350000	0.129407	0.033450841
chr3	1.52E+08	1.52E+08	1029	892	152400000	0.133756	0.029137634
chr3	1.54E+08	1.55E+08	1021	877	154450000	0.146962	0.018781631
chr3	1.54E+08	1.55E+08	1006	807	154500000	0.245618	0.000270723
chr3	1.55E+08	1.55E+08	916	747	154550000	0.221868	0.000877236
chr3	1.55E+08	1.55E+08	1008	839	154850000	0.192381	0.003293243
chr3	1.55E+08	1.55E+08	1057	862	154900000	0.221844	0.000878225
chr3	1.55E+08	1.55E+08	963	815	154950000	0.168364	0.008647052
chr3	1.55E+08	1.55E+08	958	835	1.55E+08	0.125878	0.037327685
chr3	1.55E+08	1.55E+08	929	814	155250000	0.118278	0.046930272
chr3	1.55E+08	1.55E+08	1014	841	155350000	0.197508	0.002645236
chr3	1.55E+08	1.56E+08	893	775	155500000	0.132092	0.030729413
chr3	1.56E+08	1.56E+08	791	845	155750000	-0.16765	0.008722473
chr3	1.58E+08	1.58E+08	946	827	157700000	0.121581	0.042536813
chr3	1.58E+08	1.58E+08	997	870	157850000	0.124206	0.039288227
chr3	1.58E+08	1.58E+08	982	854	157900000	0.129115	0.033758189
chr3	1.58E+08	1.58E+08	963	834	158150000	0.135117	0.027886954
chr3	1.58E+08	1.58E+08	906	769	158200000	0.164156	0.010135241
chr3	1.58E+08	1.58E+08	939	814	158250000	0.133725	0.02916666

chr3	1.58E+08	1.58E+08	968	820	158300000	0.167011	0.009102917
chr3	1.59E+08	1.59E+08	1070	931	158550000	0.128386	0.034536581
chr3	1.59E+08	1.59E+08	1111	955	158600000	0.145914	0.01946899
chr3	1.59E+08	1.59E+08	1096	931	158950000	0.163023	0.010572288
chr3	1.59E+08	1.59E+08	1072	881	1.59E+08	0.210719	0.001472574
chr3	1.6E+08	1.6E+08	961	835	160200000	0.130388	0.032433825
chr3	1.6E+08	1.6E+08	1026	878	160250000	0.152366	0.01555717
chr3	1.61E+08	1.61E+08	953	994	161100000	-0.13314	0.029424349
chr3	1.61E+08	1.62E+08	998	874	161500000	0.119035	0.045892758
chr3	1.62E+08	1.62E+08	1031	898	161550000	0.126885	0.036185089
chr3	1.62E+08	1.62E+08	1042	906	161850000	0.129401	0.033457553
chr3	1.62E+08	1.62E+08	973	826	161900000	0.163926	0.010222463
chr3	1.62E+08	1.62E+08	973	822	161950000	0.17093	0.00783727
chr3	1.62E+08	1.62E+08	988	828	1.62E+08	0.182509	0.00495735
chr3	1.62E+08	1.62E+08	911	744	162400000	0.219777	0.000968336
chr3	1.62E+08	1.63E+08	978	806	162450000	0.206683	0.001766867
chr3	1.62E+08	1.63E+08	898	773	162500000	0.143875	0.020868088
chr3	1.63E+08	1.63E+08	869	759	162650000	0.122885	0.040897625
chr3	1.63E+08	1.63E+08	964	806	162700000	0.185882	0.004319106
chr3	1.63E+08	1.63E+08	983	851	162750000	0.135661	0.027399894
chr3	1.63E+08	1.63E+08	948	805	162900000	0.163527	0.010376006
chr3	1.63E+08	1.63E+08	958	780	162950000	0.22418	0.000785745
chr3	1.63E+08	1.63E+08	930	803	1.63E+08	0.139459	0.024193017
chr3	1.63E+08	1.63E+08	943	804	163050000	0.15769	0.012858274
chr3	1.63E+08	1.63E+08	927	786	163100000	0.165668	0.009576345
chr3	1.63E+08	1.63E+08	924	749	163150000	0.230555	0.000577146
chr3	1.63E+08	1.63E+08	903	699	163200000	0.297062	1.52E-05
chr3	1.63E+08	1.63E+08	953	781	163250000	0.214782	0.001222327
chr3	1.63E+08	1.63E+08	1013	846	163300000	0.187533	0.004034378
chr3	1.63E+08	1.63E+08	974	846	163400000	0.130892	0.031921753
chr3	1.63E+08	1.64E+08	1023	844	163450000	0.205119	0.00189461
chr3	1.64E+08	1.64E+08	923	787	163900000	0.157595	0.012902737
chr3	1.64E+08	1.64E+08	1019	866	163950000	0.162343	0.010842338
chr3	1.64E+08	1.64E+08	997	804	1.64E+08	0.238026	0.00039844
chr3	1.64E+08	1.64E+08	881	734	164050000	0.19099	0.003492182
chr3	1.64E+08	1.64E+08	1049	878	164300000	0.18435	0.004599147
chr3	1.64E+08	1.64E+08	1024	858	164350000	0.182794	0.004900155
chr3	1.64E+08	1.64E+08	935	817	164400000	0.122259	0.041678347
chr3	1.64E+08	1.65E+08	1001	855	164450000	0.155074	0.014129116
chr3	1.64E+08	1.65E+08	1009	870	164500000	0.141467	0.022629508
chr3	1.65E+08	1.65E+08	1034	870	164750000	0.176777	0.006237043
chr3	1.65E+08	1.65E+08	1024	868	1.65E+08	0.166077	0.009430033
chr3	1.65E+08	1.65E+08	986	860	165050000	0.124879	0.038489032
chr3	1.65E+08	1.65E+08	974	819	165250000	0.177687	0.006016169
chr3	1.65E+08	1.65E+08	937	780	165300000	0.192203	0.003318117
chr3	1.65E+08	1.65E+08	997	859	165350000	0.142564	0.021812468
chr3	1.65E+08	1.66E+08	1034	863	165500000	0.188432	0.003886542

chr3	1.66E+08	1.66E+08	1032	799	165550000	0.296804	1.54E-05
chr3	1.66E+08	1.66E+08	956	741	165600000	0.295165	1.70E-05
chr3	1.66E+08	1.66E+08	904	746	165650000	0.204775	0.001923833
chr3	1.66E+08	1.66E+08	995	854	165900000	0.148089	0.018066064
chr3	1.66E+08	1.66E+08	972	809	166050000	0.192445	0.003284384
chr3	1.66E+08	1.66E+08	941	810	166100000	0.143901	0.020849878
chr3	1.66E+08	1.66E+08	988	816	166250000	0.20357	0.002029461
chr3	1.66E+08	1.66E+08	937	760	166300000	0.229678	0.000602435
chr3	1.66E+08	1.66E+08	1067	929	166400000	0.127438	0.035570609
chr3	1.66E+08	1.67E+08	1015	877	166450000	0.138459	0.025004762
chr3	1.67E+08	1.67E+08	956	810	1.67E+08	0.166717	0.009204901
chr3	1.67E+08	1.67E+08	1040	889	167050000	0.153956	0.014704098
chr3	1.67E+08	1.67E+08	1051	919	167400000	0.121254	0.042956243
chr3	1.68E+08	1.68E+08	1020	883	167550000	0.135712	0.027354123
chr3	1.68E+08	1.68E+08	1059	921	167600000	0.129058	0.033818957
chr3	1.68E+08	1.68E+08	1018	893	167650000	0.116634	0.049249803
chr3	1.68E+08	1.68E+08	1080	907	168200000	0.179485	0.00559975
chr3	1.69E+08	1.69E+08	1008	876	169100000	0.130121	0.032708295
chr3	1.69E+08	1.69E+08	850	885	169400000	-0.13059	0.031930503
chr3	1.7E+08	1.7E+08	853	748	169900000	0.117136	0.048532133
chr3	1.71E+08	1.71E+08	945	820	171250000	0.132319	0.030508465
chr3	1.72E+08	1.72E+08	1005	875	171600000	0.127469	0.035536504
chr3	1.72E+08	1.72E+08	1080	934	171800000	0.137165	0.026089443
chr3	1.72E+08	1.72E+08	780	804	172400000	-0.11609	0.04969099
chr3	1.72E+08	1.73E+08	1004	855	172500000	0.159391	0.012086545
chr3	1.73E+08	1.73E+08	1001	855	172900000	0.155074	0.014129116
chr3	1.73E+08	1.73E+08	1036	895	173250000	0.138693	0.024813201
chr3	1.73E+08	1.74E+08	1093	934	173450000	0.154427	0.01445946
chr3	1.73E+08	1.74E+08	1155	920	173500000	0.255815	0.000158583
chr3	1.74E+08	1.74E+08	1071	889	173550000	0.196331	0.002782802
chr3	1.74E+08	1.74E+08	1038	860	173800000	0.199026	0.002476901
chr3	1.74E+08	1.74E+08	1029	860	173950000	0.186463	0.004216915
chr3	1.74E+08	1.74E+08	1063	886	1.74E+08	0.190391	0.003581134
chr3	1.74E+08	1.74E+08	1130	989	174050000	0.119909	0.044717825
chr3	1.74E+08	1.74E+08	971	784	174300000	0.236246	0.000435606
chr3	1.74E+08	1.74E+08	979	788	174350000	0.240741	0.000347403
chr3	1.74E+08	1.74E+08	983	823	174400000	0.183927	0.004679281
chr3	1.74E+08	1.75E+08	960	792	174450000	0.205162	0.001891009
chr3	1.74E+08	1.75E+08	956	795	174500000	0.193684	0.003116245
chr3	1.75E+08	1.75E+08	988	807	174550000	0.219571	0.00097777
chr3	1.75E+08	1.75E+08	1005	844	174600000	0.179509	0.005594429
chr3	1.75E+08	1.75E+08	1063	924	174950000	0.129805	0.033035186
chr3	1.75E+08	1.75E+08	994	861	175150000	0.134861	0.028118525
chr3	1.75E+08	1.75E+08	1027	874	175200000	0.160359	0.011665517
chr3	1.75E+08	1.75E+08	1036	900	175250000	0.130655	0.03216178
chr3	1.75E+08	1.75E+08	1021	893	175350000	0.120879	0.043441587
chr3	1.75E+08	1.75E+08	1043	857	175400000	0.211	0.001453856

chr3	1.76E+08	1.76E+08	876	702	175550000	0.247088	0.000250912
chr3	1.76E+08	1.76E+08	872	726	175600000	0.191987	0.003348577
chr3	1.76E+08	1.76E+08	927	797	175650000	0.145618	0.019667361
chr3	1.76E+08	1.76E+08	1044	905	175850000	0.13376	0.029133285
chr3	1.76E+08	1.76E+08	1028	860	175900000	0.18506	0.004467382
chr3	1.76E+08	1.76E+08	1085	857	175950000	0.267956	8.20E-05
chr3	1.76E+08	1.76E+08	1083	820	1.76E+08	0.328966	2.03E-06
chr3	1.76E+08	1.76E+08	987	866	176050000	0.116311	0.049715221
chr3	1.76E+08	1.76E+08	989	865	176350000	0.120899	0.043416115
chr3	1.77E+08	1.77E+08	964	811	176700000	0.176959	0.006192186
chr3	1.77E+08	1.77E+08	1003	870	176750000	0.132863	0.029983431
chr3	1.77E+08	1.77E+08	902	771	176900000	0.154025	0.014668347
chr3	1.77E+08	1.77E+08	852	734	176950000	0.142702	0.021711438
chr3	1.78E+08	1.78E+08	1066	912	177800000	0.15273	0.015358338
chr3	1.78E+08	1.78E+08	1042	896	177850000	0.145413	0.019805472
chr3	1.79E+08	1.79E+08	780	684	178800000	0.117106	0.04857432
chr3	1.79E+08	1.79E+08	916	786	179100000	0.148447	0.017843671
chr3	1.79E+08	1.79E+08	953	829	179300000	0.128732	0.034165015
chr3	1.8E+08	1.8E+08	992	864	180350000	0.126937	0.036127101
chr3	1.81E+08	1.81E+08	1028	862	180550000	0.181709	0.005120538
chr3	1.81E+08	1.81E+08	948	815	180600000	0.145715	0.019602031
chr3	1.81E+08	1.81E+08	960	822	180700000	0.151524	0.016025781
chr3	1.81E+08	1.81E+08	876	749	180750000	0.153593	0.014895204
chr3	1.81E+08	1.81E+08	942	767	180800000	0.224129	0.000787666
chr3	1.81E+08	1.81E+08	993	826	180850000	0.19328	0.003170165
chr3	1.82E+08	1.82E+08	1099	938	182300000	0.15616	0.013589093
chr3	1.82E+08	1.83E+08	986	861	182500000	0.123203	0.040505471
chr3	1.83E+08	1.83E+08	908	790	182800000	0.128468	0.034448407
chr3	1.83E+08	1.83E+08	886	760	183100000	0.148936	0.017543552
chr3	1.83E+08	1.83E+08	941	815	183350000	0.135023	0.027971639
chr3	1.84E+08	1.84E+08	1057	1134	184300000	-0.17382	0.006863678
chr3	1.84E+08	1.84E+08	1075	1120	184350000	-0.13153	0.030981292
chr3	1.85E+08	1.85E+08	912	769	185100000	0.173678	0.007044676
chr3	1.85E+08	1.86E+08	993	863	185500000	0.130061	0.032769848
chr3	1.86E+08	1.86E+08	1006	870	186200000	0.137171	0.026084203
chr3	1.87E+08	1.87E+08	944	985	186800000	-0.13371	0.028890763
chr3	1.89E+08	1.89E+08	1041	865	189100000	0.194826	0.002968181
chr3	1.89E+08	1.89E+08	1064	866	189150000	0.224687	0.000766874
chr3	1.89E+08	1.89E+08	1074	938	189350000	0.122962	0.040801342
chr3	1.89E+08	1.89E+08	1091	927	189400000	0.162638	0.010724489
chr3	1.9E+08	1.9E+08	1060	924	189550000	0.125728	0.03750024
chr3	1.9E+08	1.9E+08	1070	912	189600000	0.158133	0.012653332
chr3	1.9E+08	1.9E+08	997	858	189750000	0.144244	0.020608879
chr3	1.9E+08	1.9E+08	1059	926	190100000	0.121247	0.042965791
chr3	1.91E+08	1.91E+08	1049	905	190550000	0.140653	0.023252573
chr3	1.91E+08	1.91E+08	967	811	190600000	0.181442	0.005175974
chr3	1.91E+08	1.91E+08	915	771	190950000	0.174669	0.006776934

chr3	1.91E+08	1.91E+08	1048	897	191100000	0.152087	0.015711178
chr3	1.91E+08	1.91E+08	1031	872	191150000	0.169273	0.008352239
chr3	1.91E+08	1.91E+08	987	851	191400000	0.141519	0.02259012
chr3	1.91E+08	1.92E+08	1036	884	191450000	0.156534	0.013407205
chr3	1.91E+08	1.92E+08	976	842	191500000	0.140689	0.023224762
chr3	1.92E+08	1.92E+08	956	828	191550000	0.135008	0.027985039
chr3	1.92E+08	1.92E+08	885	754	191600000	0.158741	0.012376614
chr3	1.92E+08	1.92E+08	971	801	191650000	0.205297	0.001879668
chr3	1.92E+08	1.92E+08	1050	920	191700000	0.118312	0.046883588
chr3	1.92E+08	1.92E+08	1103	947	191950000	0.147625	0.018357967
chr3	1.92E+08	1.92E+08	1106	943	1.92E+08	0.15765	0.01287719
chr3	1.93E+08	1.93E+08	901	766	192650000	0.161811	0.011058087
chr3	1.93E+08	1.93E+08	802	687	192700000	0.15092	0.016369347
chr3	1.93E+08	1.93E+08	885	918	193150000	-0.12519	0.037808053
chr3	1.93E+08	1.93E+08	1000	868	193350000	0.131861	0.030955879
chr3	1.94E+08	1.94E+08	975	1014	193650000	-0.12896	0.033620948
chr3	1.94E+08	1.94E+08	1005	1041	193900000	-0.12315	0.040250695
chr3	1.94E+08	1.94E+08	995	1062	194050000	-0.16639	0.009151671
chr3	1.94E+08	1.94E+08	1042	1110	194100000	-0.16358	0.010177964
chr3	1.94E+08	1.94E+08	905	952	194400000	-0.14542	0.019555775
chr3	1.94E+08	1.95E+08	989	1051	194450000	-0.16009	0.011588663
chr3	1.95E+08	1.95E+08	1050	1165	194750000	-0.22231	0.000824302
chr3	1.95E+08	1.95E+08	1020	1102	194800000	-0.18393	0.004567749
chr3	1.95E+08	1.95E+08	941	973	1.95E+08	-0.12062	0.043452771
chr3	1.95E+08	1.95E+08	839	865	195300000	-0.1164	0.049244771
chr3	1.96E+08	1.96E+08	647	672	195650000	-0.12707	0.03566915
chr3	1.96E+08	1.96E+08	296	314	195700000	-0.15754	0.012727578
chr3	1.97E+08	1.97E+08	946	992	196650000	-0.14087	0.022818859
chr3	1.97E+08	1.97E+08	970	1011	196700000	-0.1321	0.03042718
chr3	1.97E+08	1.97E+08	994	870	196800000	0.119859	0.044784255
chr3	1.97E+08	1.97E+08	1023	881	196850000	0.14322	0.021335111
chr3	1.97E+08	1.97E+08	841	883	197150000	-0.14268	0.021469391
chr3	1.97E+08	1.97E+08	971	1036	197200000	-0.16585	0.009339534
chr3	1.97E+08	1.97E+08	974	1067	197250000	-0.20394	0.001933294
chr3	1.97E+08	1.97E+08	533	550	197400000	-0.11767	0.047442828
chr3	1.98E+08	1.98E+08	55	58	197900000	-0.14899	0.017274353
chr3	1.98E+08	1.98E+08	10	12	197950000	-0.33541	1.16E-06
chr12	150001	250000	888	930	2.00E+05	-0.13904	0.024256366
chr12	200001	300000	1087	1198	250000	-0.21265	0.001300414
chr12	250001	350000	1109	1171	3.00E+05	-0.15085	0.01618078
chr12	550001	650000	910	991	6.00E+05	-0.19539	0.002815775
chr12	600001	700000	977	1037	650000	-0.15836	0.012352483
chr12	700001	800000	949	825	750000	0.129642	0.033204712
chr12	850001	950000	929	814	9.00E+05	0.118278	0.046930272
chr12	1050001	1150000	812	843	1100000	-0.12642	0.036389254
chr12	1150001	1250000	883	733	1200000	0.196228	0.002795136
chr12	1200001	1300000	1013	839	1250000	0.19952	0.002424296

chr12	1700001	1800000	936	978	1750000	-0.1357	0.027082966
chr12	1850001	1950000	1042	1138	1900000	-0.19952	0.002352167
chr12	1900001	2000000	1133	1208	1950000	-0.16484	0.009703094
chr12	1950001	2050000	1063	1185	2.00E+06	-0.22912	0.000592013
chr12	2000001	2100000	988	1112	2050000	-0.24295	0.000294538
chr12	2200001	2300000	1001	1047	2250000	-0.13719	0.025788598
chr12	2500001	2600000	1151	1206	2550000	-0.13971	0.023720321
chr12	2550001	2650000	1142	1231	2600000	-0.18064	0.005224794
chr12	2600001	2700000	1109	1176	2650000	-0.157	0.012979942
chr12	2650001	2750000	1106	1161	2700000	-0.14239	0.021681984
chr12	2700001	2800000	1097	1148	2750000	-0.13793	0.025167045
chr12	2850001	2950000	936	981	2900000	-0.14012	0.023403581
chr12	2900001	3000000	907	962	2950000	-0.15731	0.012836225
chr12	3150001	3250000	969	1008	3200000	-0.1293	0.033258898
chr12	3250001	3350000	1132	1205	3300000	-0.16253	0.010584492
chr12	3300001	3400000	1111	1274	3350000	-0.26988	6.86E-05
chr12	3350001	3450000	1151	1238	3400000	-0.1775	0.005930983
chr12	3400001	3500000	1084	1163	3450000	-0.17386	0.006852583
chr12	3450001	3550000	904	988	3500000	-0.20056	0.002246533
chr12	3550001	3650000	1041	1085	3600000	-0.1321	0.030428516
chr12	3600001	3700000	1045	1106	3650000	-0.15422	0.014352513
chr12	3650001	3750000	1129	1167	3700000	-0.12013	0.044091007
chr12	3800001	3900000	992	1036	3850000	-0.13498	0.02772066
chr12	4250001	4350000	993	1031	4300000	-0.12655	0.036247347
chr12	4300001	4400000	1100	1157	4350000	-0.14526	0.019662484
chr12	4850001	4950000	997	1078	4900000	-0.18506	0.004358361
chr12	4900001	5000000	1027	1072	4950000	-0.13424	0.028397795
chr12	5150001	5250000	994	1076	5200000	-0.18673	0.004066565
chr12	5200001	5300000	961	995	5250000	-0.12253	0.04101033
chr12	5500001	5600000	1127	1167	5550000	-0.12269	0.040815202
chr12	5900001	6000000	1045	1103	5950000	-0.1503	0.016498789
chr12	5950001	6050000	1022	1061	6.00E+06	-0.1264	0.036415748
chr12	6000001	6100000	997	1036	6050000	-0.12773	0.034938438
chr12	6050001	6150000	836	892	6100000	-0.16591	0.009318292
chr12	6300001	6400000	967	1018	6350000	-0.14652	0.018824541
chr12	6350001	6450000	959	1006	6400000	-0.1414	0.022417753
chr12	6400001	6500000	1027	1105	6450000	-0.17798	0.005816413
chr12	6450001	6550000	933	991	6500000	-0.15938	0.011897144
chr12	6650001	6750000	919	974	6700000	-0.15623	0.013349058
chr12	6800001	6900000	915	982	6850000	-0.17432	0.006728104
chr12	6850001	6950000	945	1089	6900000	-0.27699	4.57E-05
chr12	6900001	7000000	957	1098	6950000	-0.27066	6.56E-05
chr12	6950001	7050000	973	1158	7.00E+06	-0.3235	2.58E-06
chr12	7000001	7100000	975	1153	7050000	-0.31429	4.69E-06
chr12	7150001	7250000	497	533	7200000	-0.17326	0.007015312
chr12	7200001	7300000	647	736	7250000	-0.25831	0.00013028
chr12	7250001	7350000	1036	1133	7300000	-0.2015	0.002155462

chr12	7650001	7750000	755	662	7700000	0.117274	0.048336382
chr12	8050001	8150000	672	568	8100000	0.170199	0.008060911
chr12	8250001	8350000	557	583	8300000	-0.13819	0.024952031
chr12	8300001	8400000	172	204	8350000	-0.31853	3.56E-06
chr12	8450001	8550000	96	115	8500000	-0.3329	1.38E-06
chr12	8500001	8600000	100	121	8550000	-0.34738	5.08E-07
chr12	8800001	8900000	951	827	8850000	0.129186	0.033683122
chr12	8950001	9050000	826	721	9.00E+06	0.123771	0.039812764
chr12	9000001	9100000	910	784	9050000	0.142641	0.021755666
chr12	9200001	9300000	989	1027	9250000	-0.12677	0.036005831
chr12	9250001	9350000	955	1001	9300000	-0.14024	0.023306162
chr12	9550001	9650000	100	82	9600000	0.213932	0.001271172
chr12	9650001	9750000	147	116	9700000	0.26932	7.60E-05
chr12	9700001	9800000	536	443	9750000	0.202555	0.002122539
chr12	10150001	10250000	1007	881	10200000	0.120478	0.043965359
chr12	10550001	10650000	693	560	10600000	0.235057	0.0004622
chr12	10600001	10700000	879	732	10650000	0.191648	0.003396824
chr12	10650001	10750000	979	808	10700000	0.204582	0.001940453
chr12	10700001	10800000	1032	901	10750000	0.123472	0.04017559
chr12	11150001	11250000	823	712	11200000	0.136643	0.026537718
chr12	11600001	11700000	991	846	11650000	0.155856	0.013738522
chr12	11700001	11800000	922	808	11750000	0.11804	0.047260935
chr12	11850001	11950000	1127	962	11900000	0.156007	0.013664004
chr12	12150001	12250000	831	920	12200000	-0.21916	0.000958349
chr12	12250001	12350000	1048	916	12300000	0.121847	0.042197577
chr12	12300001	12400000	1032	896	12350000	0.131501	0.031312581
chr12	13000001	13100000	966	828	13050000	0.150021	0.016892961
chr12	14850001	14950000	921	793	14900000	0.143509	0.021128573
chr12	14900001	15000000	1010	834	14950000	0.203864	0.002003209
chr12	14950001	15050000	1012	886	1.50E+07	0.119459	0.045319369
chr12	15950001	16050000	941	975	1.60E+07	-0.12358	0.039722401
chr12	16400001	16500000	1054	921	16450000	0.12223	0.041714153
chr12	16450001	16550000	978	856	16500000	0.119852	0.04479329
chr12	16650001	16750000	981	1041	16700000	-0.15802	0.012507383
chr12	16800001	16900000	1025	864	16850000	0.174149	0.006916378
chr12	17000001	17100000	1089	954	17050000	0.118571	0.046526365
chr12	17200001	17300000	950	821	17250000	0.138174	0.025240893
chr12	17250001	17350000	964	785	17300000	0.223969	0.000793714
chr12	17400001	17500000	996	852	17450000	0.152921	0.015255048
chr12	17450001	17550000	1013	881	17500000	0.129048	0.033828783
chr12	17500001	17600000	1018	843	17550000	0.199761	0.002398921
chr12	17550001	17650000	968	843	17600000	0.127103	0.035942314
chr12	17650001	17750000	1049	861	17700000	0.212558	0.001354022
chr12	17700001	17800000	991	801	17750000	0.234711	0.00047021
chr12	17850001	17950000	781	652	17900000	0.188079	0.003944015
chr12	17900001	18000000	861	659	17950000	0.313363	5.55E-06
chr12	17950001	18050000	891	736	1.80E+07	0.203348	0.002049504

chr12	18200001	18300000	995	827	18250000	0.194437	0.003017853
chr12	18250001	18350000	960	780	18300000	0.227189	0.000679876
chr12	18300001	18400000	923	791	18350000	0.150281	0.016739879
chr12	18400001	18500000	1054	874	18450000	0.197798	0.002612326
chr12	18450001	18550000	1087	917	18500000	0.172987	0.007237196
chr12	19650001	19750000	920	789	19700000	0.149237	0.017360803
chr12	20950001	21050000	965	830	2.10E+07	0.145046	0.020054844
chr12	21250001	21350000	986	863	21300000	0.119855	0.044788736
chr12	21400001	21500000	1035	908	21450000	0.116495	0.049449899
chr12	21450001	21550000	1037	843	21500000	0.22644	0.000704918
chr12	21500001	21600000	879	771	21550000	0.116761	0.049067691
chr12	21750001	21850000	917	958	21800000	-0.13548	0.027279936
chr12	22100001	22200000	985	848	22150000	0.143688	0.021000971
chr12	22150001	22250000	990	860	22200000	0.13072	0.03209604
chr12	22200001	22300000	918	802	22250000	0.12252	0.041350593
chr12	22300001	22400000	1004	876	22350000	0.124385	0.03907504
chr12	22450001	22550000	960	830	22500000	0.137551	0.025761676
chr12	22550001	22650000	791	680	22600000	0.145771	0.019564582
chr12	22600001	22700000	1066	884	22650000	0.197717	0.002621434
chr12	23700001	23800000	1067	915	23750000	0.149345	0.017295711
chr12	23750001	23850000	1087	903	23800000	0.195182	0.002923351
chr12	23950001	24050000	984	836	2.40E+07	0.162784	0.010666719
chr12	24800001	24900000	1011	871	24850000	0.142667	0.02173702
chr12	24900001	25000000	943	990	24950000	-0.14254	0.021569154
chr12	25300001	25400000	888	750	25350000	0.171297	0.007726886
chr12	25350001	25450000	1059	858	25400000	0.231281	0.000556973
chr12	25400001	25500000	1051	875	25450000	0.192036	0.003341633
chr12	26400001	26500000	928	977	26450000	-0.14661	0.018769975
chr12	26800001	26900000	963	1000	26850000	-0.12676	0.036007465
chr12	26850001	26950000	917	946	26900000	-0.11729	0.04797438
chr12	27100001	27200000	876	906	27150000	-0.12095	0.043017082
chr12	27150001	27250000	754	815	27200000	-0.18461	0.004441347
chr12	27900001	28000000	942	999	27950000	-0.15713	0.012919152
chr12	27950001	28050000	940	1016	2.80E+07	-0.18454	0.004453798
chr12	28050001	28150000	1108	968	28100000	0.122507	0.041366814
chr12	28100001	28200000	991	844	28150000	0.15927	0.012140038
chr12	28300001	28400000	1061	918	28350000	0.136487	0.026673533
chr12	28350001	28450000	1008	865	28400000	0.148352	0.017902289
chr12	28550001	28650000	1025	868	28600000	0.167485	0.008940876
chr12	28600001	28700000	893	776	28650000	0.130232	0.032594465
chr12	28700001	28800000	1069	922	28750000	0.141051	0.022945934
chr12	28800001	28900000	968	828	28850000	0.153005	0.015209735
chr12	28850001	28950000	1036	875	28900000	0.171297	0.007726886
chr12	29050001	29150000	1115	939	29100000	0.175475	0.006565857
chr12	29200001	29300000	829	857	29250000	-0.12029	0.04387476
chr12	29400001	29500000	917	794	29450000	0.135411	0.027622493
chr12	29600001	29700000	978	1009	29650000	-0.11739	0.047831249

chr12	30400001	30500000	1015	879	30450000	0.135173	0.027836253
chr12	30900001	31000000	913	998	30950000	-0.2008	0.002223169
chr12	30950001	31050000	899	1042	3.10E+07	-0.28533	2.80E-05
chr12	31000001	31100000	966	1023	31050000	-0.15508	0.013913833
chr12	31250001	31350000	131	139	31300000	-0.15789	0.012565585
chr12	31550001	31650000	934	755	31600000	0.234574	0.000473418
chr12	31600001	31700000	930	815	31650000	0.118059	0.04723423
chr12	31800001	31900000	871	756	31850000	0.131915	0.03090333
chr12	32150001	32250000	818	696	32200000	0.160642	0.011545067
chr12	32650001	32750000	951	827	32700000	0.129186	0.033683122
chr12	32700001	32800000	990	844	32750000	0.157814	0.012800939
chr12	33200001	33300000	882	739	33250000	0.182833	0.004892572
chr12	33300001	33400000	808	838	33350000	-0.12497	0.038067278
chr12	33700001	33800000	1082	905	33750000	0.185339	0.004416508
chr12	33750001	33850000	1073	861	33800000	0.245193	0.000276714
chr12	33800001	33900000	1000	865	33850000	0.136856	0.026354106
chr12	34050001	34150000	577	481	34100000	0.190163	0.003615614
chr12	34200001	34300000	419	434	34250000	-0.12312	0.04028723
chr12	34350001	34450000	769	827	34400000	-0.17728	0.005983366
chr12	34500001	34600000	1002	1050	34550000	-0.13988	0.023590254
chr12	34550001	34650000	736	763	34600000	-0.12435	0.038797
chr12	34650001	34750000	812	668	34700000	0.20926	0.001573361
chr12	34850001	34950000	76	64	34900000	0.175556	0.006544999
chr12	37800001	37900000	71	51	37850000	0.40495	8.58E-09
chr12	38950001	39050000	978	853	3.90E+07	0.124917	0.038444608
chr12	39250001	39350000	998	873	39300000	0.120686	0.043692535
chr12	39400001	39500000	1036	897	39450000	0.135472	0.027567598
chr12	39500001	39600000	847	909	39550000	-0.17429	0.006736861
chr12	39700001	39800000	1060	917	39750000	0.136699	0.026489776
chr12	39950001	40050000	970	829	4.00E+07	0.154241	0.014555854
chr12	40000001	40100000	907	788	40050000	0.130535	0.032284055
chr12	40150001	40250000	958	826	40200000	0.141512	0.02259547
chr12	41100001	41200000	1052	913	41150000	0.132076	0.030744994
chr12	41350001	41450000	1000	856	41400000	0.151946	0.015789785
chr12	41400001	41500000	893	762	41450000	0.156497	0.013424879
chr12	41600001	41700000	935	974	41650000	-0.13133	0.031186319
chr12	41850001	41950000	1099	897	41900000	0.22064	0.000929725
chr12	41900001	42000000	1086	882	41950000	0.227802	0.000659986
chr12	42550001	42650000	915	786	42600000	0.146871	0.018840931
chr12	43700001	43800000	944	974	43750000	-0.11751	0.04766911
chr12	44050001	44150000	935	814	44100000	0.127566	0.035429645
chr12	44450001	44550000	953	834	44500000	0.120057	0.044520611
chr12	44900001	45000000	1026	873	44950000	0.160605	0.011560509
chr12	45300001	45400000	900	780	45350000	0.134079	0.028836197
chr12	45500001	45600000	977	846	45550000	0.135329	0.02769581
chr12	45800001	45900000	1057	918	45850000	0.131038	0.031775432
chr12	46200001	46300000	1050	908	46250000	0.137253	0.026014226

chr12	46250001	46350000	1042	892	46300000	0.151868	0.015833049
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chr12	48100001	48200000	1109	1292	48150000	-0.29272	1.80E-05
chr12	48150001	48250000	1065	1206	48200000	-0.25175	0.000185537
chr12	48250001	48350000	1088	1151	48300000	-0.15358	0.014685216
chr12	48300001	48400000	1070	1193	48350000	-0.22936	0.000585117
chr12	48900001	49000000	791	816	48950000	-0.11726	0.048012556
chr12	49150001	49250000	882	1006	49200000	-0.26215	0.000105562
chr12	49200001	49300000	877	948	49250000	-0.18468	0.004427667
chr12	49350001	49450000	1047	1099	49400000	-0.1423	0.021745614
chr12	49450001	49550000	851	881	49500000	-0.12235	0.041231553
chr12	49500001	49600000	758	793	49550000	-0.13749	0.025531974
chr12	49900001	50000000	1005	1146	49950000	-0.26178	0.000107726
chr12	49950001	50050000	1044	1171	5.00E+07	-0.23799	0.000379727
chr12	50150001	50250000	912	950	50200000	-0.13127	0.031247765
chr12	50300001	50400000	1048	1088	50350000	-0.12641	0.036404016
chr12	50350001	50450000	925	981	50400000	-0.15717	0.01289933
chr12	50400001	50500000	983	1046	50450000	-0.16199	0.010799887
chr12	50450001	50550000	972	1014	50500000	-0.1334	0.029178952
chr12	50600001	50700000	873	754	50650000	0.139045	0.024526103
chr12	50650001	50750000	835	715	50700000	0.151461	0.016061363
chr12	50950001	51050000	961	800	5.10E+07	0.192165	0.003323518
chr12	51000001	51100000	1007	879	51050000	0.123757	0.039829608
chr12	51100001	51200000	839	877	51150000	-0.13628	0.026573913
chr12	52150001	52250000	976	1069	52200000	-0.20368	0.001955708
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chr12	52450001	52550000	883	960	52500000	-0.19299	0.00312164
chr12	52500001	52600000	1028	1077	52550000	-0.13955	0.023850469
chr12	52550001	52650000	1123	1244	52600000	-0.22	0.000920688
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chr12	52750001	52850000	1057	1173	52800000	-0.2226	0.00081301
chr12	52900001	53000000	1120	1162	52950000	-0.12548	0.037465853
chr12	52950001	53050000	1078	1149	5.30E+07	-0.16439	0.009869687
chr12	53400001	53500000	884	986	53450000	-0.22991	0.000569226
chr12	53450001	53550000	832	941	53500000	-0.24998	0.00020378
chr12	53550001	53650000	1008	1062	53600000	-0.14766	0.018096384
chr12	53600001	53700000	900	929	53650000	-0.11813	0.046805194
chr12	54100001	54200000	1044	1126	54150000	-0.18146	0.005054051
chr12	54150001	54250000	1035	1080	54200000	-0.13377	0.028831366
chr12	54250001	54350000	982	1050	54300000	-0.16897	0.008291107
chr12	54300001	54400000	1066	1164	54350000	-0.19926	0.002379366
chr12	54500001	54600000	860	975	54550000	-0.25344	0.000169525
chr12	54550001	54650000	973	1030	54600000	-0.1545	0.01420669
chr12	54700001	54800000	947	1001	54750000	-0.15238	0.015329819

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chr12	55700001	55800000	912	760	55750000	0.190663	0.003540577
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chr12	56400001	56500000	873	908	56450000	-0.12908	0.033486606
chr12	56550001	56650000	906	940	56600000	-0.12552	0.037421476
chr12	56950001	57050000	888	763	5.70E+07	0.146505	0.01907912
chr12	57000001	57100000	812	683	57050000	0.177222	0.006128017
chr12	57350001	57450000	876	913	57400000	-0.13206	0.030468484
chr12	57500001	57600000	1128	1191	57550000	-0.15078	0.016223896
chr12	57550001	57650000	1103	1299	57600000	-0.30834	6.85E-06
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chr12	57900001	58000000	980	1071	57950000	-0.20048	0.002254823
chr12	57950001	58050000	939	1003	5.80E+07	-0.1675	0.00877239
chr12	58150001	58250000	958	1009	58200000	-0.1472	0.018387365
chr12	59050001	59150000	1028	848	59100000	0.205332	0.001876736
chr12	59100001	59200000	985	860	59150000	0.123415	0.040245036
chr12	59650001	59750000	919	799	59700000	0.129498	0.033355831
chr12	59700001	59800000	958	791	59750000	0.203976	0.001993297
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chr12	61650001	61750000	912	762	61700000	0.186871	0.004146397
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chr12	62300001	62400000	984	810	62350000	0.208365	0.001638269
chr12	62350001	62450000	1074	931	62400000	0.133769	0.029124953
chr12	62650001	62750000	1040	881	62700000	0.166998	0.009107582
chr12	62700001	62800000	968	830	62750000	0.149524	0.017188146
chr12	62900001	63000000	963	826	62950000	0.149022	0.017490772
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chr12	64450001	64550000	940	816	64500000	0.13172	0.031095347
chr12	64550001	64650000	900	775	64600000	0.143357	0.021237053
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chr12	64700001	64800000	807	691	64750000	0.151511	0.016033139
chr12	65100001	65200000	848	922	65150000	-0.19307	0.003110766
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chr12	65700001	65800000	950	809	65750000	0.159416	0.012075566
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chr12	67600001	67700000	964	841	67650000	0.124556	0.03887175
chr12	68250001	68350000	947	821	68300000	0.13361	0.029273745
chr12	68700001	68800000	1021	1059	68750000	-0.12509	0.03792124
chr12	68750001	68850000	989	1024	68800000	-0.12255	0.040993897
chr12	68900001	69000000	931	734	68950000	0.270629	7.06E-05
chr12	68950001	69050000	943	809	6.90E+07	0.148746	0.017659164
chr12	69050001	69150000	929	811	69100000	0.123605	0.040013968
chr12	69150001	69250000	815	714	69200000	0.118504	0.046618206
chr12	69200001	69300000	937	758	69250000	0.233479	0.000499808
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chr12	70100001	70200000	945	823	70150000	0.12705	0.036000829
chr12	70500001	70600000	927	809	70550000	0.124058	0.039466377
chr12	71050001	71150000	1067	923	71100000	0.136786	0.026414687
chr12	71350001	71450000	1038	899	71400000	0.135042	0.027954676
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chr12	72000001	72100000	1042	909	72050000	0.124631	0.038781916
chr12	72050001	72150000	1015	848	72100000	0.186972	0.004129168
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chr12	73200001	73300000	950	721	73250000	0.325556	2.54E-06
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chr12	73450001	73550000	998	864	73500000	0.135637	0.027421041
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chr12	73600001	73700000	937	815	73650000	0.128877	0.034010589
chr12	73700001	73800000	933	804	73750000	0.14231	0.021999319
chr12	73750001	73850000	905	761	73800000	0.17765	0.006025013
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chr12	73850001	73950000	929	796	73900000	0.150538	0.016589917
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chr12	74000001	74100000	971	838	74050000	0.140149	0.02364557
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chr12	74150001	74250000	981	848	74200000	0.137817	0.025538113
chr12	74200001	74300000	999	858	74250000	0.147135	0.018670231
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chr12	75000001	75100000	959	797	75050000	0.194579	0.00299964
chr12	75050001	75150000	957	817	75100000	0.155811	0.013760526
chr12	75200001	75300000	1002	864	75250000	0.141408	0.022674633
chr12	75250001	75350000	993	822	75300000	0.200284	0.002344881
chr12	75300001	75400000	999	834	75350000	0.188066	0.003946193
chr12	75400001	75500000	1041	902	75450000	0.134399	0.028540731
chr12	75550001	75650000	1056	910	75600000	0.1423	0.022006854
chr12	75650001	75750000	1097	935	75700000	0.158153	0.012644056
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chr12	76000001	76100000	970	848	76050000	0.121549	0.042578193
chr12	76400001	76500000	1022	893	76450000	0.122291	0.041637105
chr12	76450001	76550000	928	794	76500000	0.152614	0.015421445
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chr12	76600001	76700000	1024	879	76650000	0.147909	0.01817871
chr12	76650001	76750000	991	847	76700000	0.154151	0.014602389
chr12	76700001	76800000	930	769	76750000	0.201875	0.002186936
chr12	76750001	76850000	987	838	76800000	0.163728	0.010298335
chr12	76800001	76900000	1047	911	76850000	0.128367	0.034557318
chr12	77450001	77550000	905	941	77500000	-0.12865	0.033946805
chr12	78100001	78200000	989	856	78150000	0.135988	0.027110105
chr12	78300001	78400000	998	852	78350000	0.155815	0.013758777
chr12	78450001	78550000	1031	902	78500000	0.120473	0.043971613
chr12	78500001	78600000	1142	968	78550000	0.166112	0.009417621
chr12	78650001	78750000	1066	930	78700000	0.124533	0.038898507
chr12	78700001	78800000	1081	927	78750000	0.149354	0.017290444
chr12	78750001	78850000	1066	887	78800000	0.19283	0.003231312
chr12	78800001	78900000	1045	909	78850000	0.128779	0.034115248
chr12	78850001	78950000	950	830	78900000	0.122444	0.041445259
chr12	78900001	79000000	986	860	78950000	0.124879	0.038489032
chr12	79050001	79150000	1028	862	79100000	0.181709	0.005120538
chr12	79100001	79200000	1048	857	79150000	0.2179	0.00105745

chr12	79150001	79250000	1037	860	79200000	0.197636	0.002630721
chr12	79200001	79300000	1044	858	79250000	0.2107	0.001473836
chr12	79250001	79350000	1087	842	79300000	0.296088	1.61E-05
chr12	79300001	79400000	1100	910	79350000	0.201193	0.002253387
chr12	79350001	79450000	1002	837	79400000	0.187211	0.004088475
chr12	79400001	79500000	1005	879	79450000	0.120889	0.043429053
chr12	79500001	79600000	1043	889	79550000	0.158112	0.012663094
chr12	79550001	79650000	1045	916	79600000	0.117712	0.047719068
chr12	79600001	79700000	1109	959	79650000	0.137285	0.02598741
chr12	79650001	79750000	1047	914	79700000	0.123624	0.039991252
chr12	79800001	79900000	969	1026	79850000	-0.15483	0.014039201
chr12	80150001	80250000	1032	892	80200000	0.137956	0.025422283
chr12	80400001	80500000	1031	887	80450000	0.144667	0.02031534
chr12	80650001	80750000	974	826	80700000	0.165408	0.009670459
chr12	80700001	80800000	971	812	80750000	0.18562	0.004365856
chr12	80750001	80850000	955	809	80800000	0.166989	0.009110539
chr12	80800001	80900000	865	743	80850000	0.146966	0.018779174
chr12	80850001	80950000	871	764	80900000	0.116728	0.049113912
chr12	81000001	81100000	1109	920	81050000	0.197182	0.002682755
chr12	81300001	81400000	1024	892	81350000	0.126728	0.036361091
chr12	81350001	81450000	1062	856	81400000	0.238729	0.000384594
chr12	81400001	81500000	938	810	81450000	0.139294	0.024325208
chr12	81600001	81700000	1056	874	81650000	0.200533	0.002319476
chr12	81650001	81750000	1058	843	81700000	0.255363	0.000162449
chr12	81750001	81850000	1038	899	81800000	0.135042	0.027954676
chr12	81800001	81900000	962	828	81850000	0.144034	0.020755939
chr12	81850001	81950000	1008	884	81900000	0.117006	0.04871733
chr12	82200001	82300000	960	830	82250000	0.137551	0.025761676
chr12	82250001	82350000	920	807	82300000	0.116693	0.049164
chr12	82300001	82400000	936	821	82350000	0.116755	0.04907629
chr12	82650001	82750000	972	831	82700000	0.153736	0.014819842
chr12	83000001	83100000	980	852	83050000	0.129557	0.033294148
chr12	83250001	83350000	1016	887	83300000	0.123523	0.040114113
chr12	83650001	83750000	908	943	83700000	-0.12694	0.035813926
chr12	83750001	83850000	964	814	83800000	0.171633	0.007627429
chr12	83800001	83900000	958	830	83850000	0.134543	0.028408913
chr12	84050001	84150000	804	693	84100000	0.141968	0.02225283
chr12	84550001	84650000	999	846	84600000	0.167455	0.008951042
chr12	84600001	84700000	1023	881	84650000	0.14322	0.021335111
chr12	84650001	84750000	1021	881	84700000	0.140397	0.023451554
chr12	84700001	84800000	987	839	84750000	0.162008	0.010978002
chr12	84850001	84950000	1098	928	84900000	0.17031	0.008026586
chr12	85000001	85100000	1021	849	85050000	0.193775	0.003104256
chr12	85050001	85150000	1023	836	85100000	0.21886	0.001010981
chr12	85200001	85300000	1047	901	85250000	0.144291	0.020576343
chr12	85250001	85350000	1055	889	85300000	0.174616	0.006791082
chr12	85300001	85400000	1066	895	85350000	0.179876	0.005512696

chr12	85350001	85450000	1107	889	85400000	0.244028	0.000293787
chr12	85400001	85500000	1083	894	85450000	0.204315	0.001963597
chr12	85500001	85600000	929	808	85550000	0.128952	0.0339316
chr12	85550001	85650000	918	794	85600000	0.136983	0.026244863
chr12	85600001	85700000	1016	849	85650000	0.186692	0.004177153
chr12	85650001	85750000	1009	883	85700000	0.120069	0.044504702
chr12	85900001	86000000	1058	924	85950000	0.123003	0.040751088
chr12	85950001	86050000	1033	901	8.60E+07	0.124869	0.03850051
chr12	86100001	86200000	998	826	86150000	0.200526	0.002320147
chr12	86150001	86250000	1026	814	86200000	0.261558	0.000116416
chr12	86200001	86300000	1003	873	86250000	0.127896	0.035067529
chr12	86250001	86350000	978	826	86300000	0.171321	0.007719847
chr12	86400001	86500000	873	754	86450000	0.139045	0.024526103
chr12	86550001	86650000	1109	907	86600000	0.217713	0.001066716
chr12	86600001	86700000	1113	927	86650000	0.191441	0.003426611
chr12	86650001	86750000	1037	899	86700000	0.133651	0.029235558
chr12	86850001	86950000	977	825	86900000	0.171593	0.007639208
chr12	86900001	87000000	984	828	86950000	0.176656	0.006267049
chr12	86950001	87050000	938	813	8.70E+07	0.133961	0.028946129
chr12	87050001	87150000	1027	896	87100000	0.124494	0.038945186
chr12	87100001	87200000	1032	829	87150000	0.243627	0.000299886
chr12	87200001	87300000	941	815	87250000	0.135023	0.027971639
chr12	87250001	87350000	912	790	87300000	0.134809	0.028165289
chr12	87450001	87550000	915	790	87500000	0.139547	0.024122353
chr12	87500001	87600000	950	831	87550000	0.120707	0.043665283
chr12	87750001	87850000	892	731	87800000	0.214801	0.001221275
chr12	87800001	87900000	944	779	87850000	0.204792	0.001922432
chr12	88000001	88100000	919	789	88050000	0.147668	0.018330683
chr12	88050001	88150000	891	734	88100000	0.207274	0.001720681
chr12	88200001	88300000	1067	837	88250000	0.277889	4.69E-05
chr12	88250001	88350000	903	717	88300000	0.260381	0.000124088
chr12	88400001	88500000	1024	882	88450000	0.142993	0.021499116
chr12	88450001	88550000	1031	900	88500000	0.123676	0.039928038
chr12	88550001	88650000	981	829	88600000	0.170509	0.007965182
chr12	88600001	88700000	1014	868	88650000	0.151919	0.015804593
chr12	88750001	88850000	977	857	88800000	0.116692	0.049166628
chr12	88900001	89000000	1056	890	88950000	0.174361	0.006859271
chr12	89000001	89100000	973	825	89050000	0.165674	0.009574305
chr12	89050001	89150000	959	752	89100000	0.278426	4.54E-05
chr12	89100001	89200000	1028	864	89150000	0.178365	0.005855891
chr12	89150001	89250000	988	862	89200000	0.124451	0.038995599
chr12	89200001	89300000	1019	859	89250000	0.174052	0.006942572
chr12	89750001	89850000	879	936	89800000	-0.16302	0.010393666
chr12	89800001	89900000	868	924	89850000	-0.16257	0.010569222
chr12	90150001	90250000	957	814	90200000	0.161118	0.011344347
chr12	90250001	90350000	1059	893	90300000	0.173599	0.007066623
chr12	90650001	90750000	1095	869	90700000	0.261131	0.000119147

chr12	90700001	90800000	1178	880	90750000	0.348392	5.49E-07
chr12	90750001	90850000	1094	913	90800000	0.188554	0.003866821
chr12	90850001	90950000	970	799	90900000	0.207417	0.001709601
chr12	90900001	91000000	984	772	90950000	0.277686	4.74E-05
chr12	90950001	91050000	1094	897	9.10E+07	0.214061	0.001263661
chr12	91100001	91200000	957	835	91150000	0.124371	0.039091459
chr12	91450001	91550000	1013	852	91500000	0.177337	0.00610021
chr12	91500001	91600000	1077	846	91550000	0.275917	5.24E-05
chr12	91550001	91650000	1043	821	91600000	0.272913	6.21E-05
chr12	91600001	91700000	1002	870	91650000	0.131423	0.031389294
chr12	91950001	92050000	1021	863	9.20E+07	0.170179	0.008067077
chr12	92100001	92200000	1014	888	92150000	0.119054	0.045866222
chr12	93100001	93200000	967	846	93150000	0.120486	0.043954248
chr12	93150001	93250000	949	830	93200000	0.120925	0.043381878
chr12	93200001	93300000	927	789	93250000	0.160172	0.011745819
chr12	93250001	93350000	852	700	93300000	0.211127	0.001445505
chr12	93650001	93750000	917	775	93700000	0.170354	0.008012996
chr12	93700001	93800000	871	748	93750000	0.147263	0.018588502
chr12	93950001	94050000	1006	850	9.40E+07	0.170724	0.007899678
chr12	94350001	94450000	1001	875	94400000	0.121715	0.042365622
chr12	94450001	94550000	913	991	94500000	-0.19064	0.003450335
chr12	95450001	95550000	909	797	95500000	0.117329	0.048258315
chr12	95500001	95600000	903	753	95550000	0.189704	0.00368565
chr12	95550001	95650000	944	792	95600000	0.180915	0.005287289
chr12	95600001	95700000	992	847	95650000	0.155606	0.013862027
chr12	95650001	95750000	973	804	95700000	0.202873	0.002092985
chr12	95800001	95900000	818	849	95850000	-0.12604	0.036831145
chr12	95850001	95950000	846	886	95900000	-0.13902	0.024274115
chr12	97150001	97250000	1046	912	97200000	0.125405	0.03787344
chr12	97700001	97800000	921	954	97750000	-0.12316	0.040234083
chr12	98100001	98200000	896	777	98150000	0.133212	0.029649711
chr12	98250001	98350000	957	826	98300000	0.140005	0.023758823
chr12	99550001	99650000	948	818	99600000	0.140414	0.023438084
chr12	99600001	99700000	1001	867	99650000	0.134966	0.028022859
chr12	99800001	99900000	1026	886	99850000	0.13928	0.024336381
chr12	1E+08	1E+08	983	856	100050000	0.127209	0.035824221
chr12	1E+08	1E+08	887	770	100100000	0.131704	0.0311111103
chr12	1.01E+08	1.01E+08	1040	889	101300000	0.153956	0.014704098
chr12	1.01E+08	1.01E+08	1062	926	101350000	0.125328	0.037963554
chr12	1.01E+08	1.02E+08	885	770	101500000	0.128447	0.034470599
chr12	1.02E+08	1.02E+08	1047	855	102150000	0.219893	0.000963031
chr12	1.02E+08	1.02E+08	993	855	102200000	0.143498	0.021136423
chr12	1.02E+08	1.02E+08	905	789	102300000	0.125521	0.037739537
chr12	1.02E+08	1.02E+08	1053	873	102350000	0.19808	0.002580629
chr12	1.02E+08	1.02E+08	1070	904	102400000	0.170844	0.007863075
chr12	1.03E+08	1.03E+08	901	938	102700000	-0.13043	0.032086833
chr12	1.03E+08	1.03E+08	916	967	102800000	-0.15054	0.016360735

chr12	1.03E+08	1.03E+08	1027	892	1.03E+08	0.130949	0.031864797
chr12	1.04E+08	1.04E+08	982	1013	104050000	-0.11721	0.048086472
chr12	1.05E+08	1.05E+08	850	879	104700000	-0.12077	0.043250486
chr12	1.05E+08	1.05E+08	834	895	104750000	-0.17421	0.006757634
chr12	1.05E+08	1.05E+08	996	1092	105050000	-0.20513	0.001832905
chr12	1.05E+08	1.05E+08	1080	1153	105100000	-0.16673	0.009031891
chr12	1.05E+08	1.05E+08	1019	878	105200000	0.142489	0.021866932
chr12	1.05E+08	1.05E+08	1014	876	105400000	0.138683	0.024821004
chr12	1.06E+08	1.06E+08	1044	915	106150000	0.117906	0.047446814
chr12	1.06E+08	1.06E+08	1048	911	106200000	0.129744	0.03309868
chr12	1.07E+08	1.07E+08	1013	1058	106550000	-0.13508	0.027636462
chr12	1.07E+08	1.07E+08	960	1016	106600000	-0.15417	0.014380549
chr12	1.08E+08	1.08E+08	1122	1178	107750000	-0.14264	0.021499067
chr12	1.09E+08	1.09E+08	1122	1203	108550000	-0.17294	0.00710558
chr12	1.09E+08	1.09E+08	1130	1186	108600000	-0.14215	0.021855193
chr12	1.09E+08	1.09E+08	1093	1138	108750000	-0.13058	0.031938068
chr12	1.09E+08	1.09E+08	1067	1119	1.09E+08	-0.14102	0.022704279
chr12	1.09E+08	1.09E+08	695	735	109350000	-0.1531	0.014938357
chr12	1.09E+08	1.1E+08	680	569	109450000	0.184734	0.004527395
chr12	1.1E+08	1.1E+08	1061	1097	109950000	-0.12051	0.04359161
chr12	1.1E+08	1.1E+08	1042	1148	1.10E+08	-0.21214	0.001331375
chr12	1.1E+08	1.1E+08	1050	1156	110050000	-0.21112	0.001395209
chr12	1.1E+08	1.1E+08	1072	1151	110200000	-0.17495	0.006562203
chr12	1.1E+08	1.1E+08	979	1072	110250000	-0.2033	0.001989604
chr12	1.1E+08	1.1E+08	918	965	110300000	-0.14441	0.020243838
chr12	1.11E+08	1.11E+08	887	775	110600000	0.122366	0.041543414
chr12	1.11E+08	1.11E+08	918	782	110650000	0.158954	0.012281076
chr12	1.12E+08	1.12E+08	1046	1095	111650000	-0.13842	0.02476315
chr12	1.12E+08	1.12E+08	967	1033	111700000	-0.16762	0.008729551
chr12	1.12E+08	1.12E+08	887	922	111750000	-0.1282	0.034423614
chr12	1.12E+08	1.12E+08	720	772	112050000	-0.17298	0.007094447
chr12	1.12E+08	1.12E+08	752	780	112100000	-0.12511	0.037895843
chr12	1.13E+08	1.13E+08	927	801	112700000	0.138395	0.025057402
chr12	1.13E+08	1.13E+08	886	773	112900000	0.124467	0.038977613
chr12	1.13E+08	1.13E+08	853	896	1.13E+08	-0.14332	0.021004297
chr12	1.13E+08	1.13E+08	910	941	113050000	-0.1207	0.0433444
chr12	1.14E+08	1.14E+08	1052	1134	113550000	-0.18066	0.005221015
chr12	1.14E+08	1.14E+08	981	1104	113600000	-0.24279	0.000296964
chr12	1.14E+08	1.14E+08	922	981	113850000	-0.16186	0.010853614
chr12	1.14E+08	1.14E+08	989	1027	113900000	-0.12677	0.036005831
chr12	1.14E+08	1.14E+08	1010	1082	114100000	-0.17172	0.007452527
chr12	1.14E+08	1.14E+08	1021	1124	114150000	-0.21103	0.001401188
chr12	1.14E+08	1.14E+08	1031	1132	114200000	-0.2072	0.001669031
chr12	1.14E+08	1.14E+08	1101	1157	114250000	-0.14395	0.020564567
chr12	1.15E+08	1.15E+08	1116	1156	114600000	-0.12318	0.040214144
chr12	1.15E+08	1.15E+08	985	1022	115150000	-0.12557	0.037363875
chr12	1.15E+08	1.15E+08	971	812	115250000	0.18562	0.004365856

chr12	1.16E+08	1.16E+08	1014	1084	116150000	-0.16868	0.008383307
chr12	1.16E+08	1.16E+08	1010	1050	116200000	-0.12841	0.034206803
chr12	1.16E+08	1.17E+08	992	1033	116450000	-0.1308	0.031714417
chr12	1.17E+08	1.17E+08	1020	874	116550000	0.150492	0.016616766
chr12	1.17E+08	1.17E+08	940	996	117300000	-0.15586	0.013530158
chr12	1.17E+08	1.17E+08	928	1015	117350000	-0.20165	0.002140308
chr12	1.17E+08	1.17E+08	950	1053	117400000	-0.22088	0.000882947
chr12	1.17E+08	1.18E+08	1000	1092	117450000	-0.19934	0.002370059
chr12	1.18E+08	1.18E+08	953	994	117600000	-0.13314	0.029424349
chr12	1.18E+08	1.18E+08	1035	1085	117850000	-0.14044	0.023154592
chr12	1.18E+08	1.18E+08	1050	1085	117900000	-0.11968	0.044693179
chr12	1.18E+08	1.18E+08	1064	1114	117950000	-0.13862	0.024597003
chr12	1.18E+08	1.18E+08	970	1014	118300000	-0.13637	0.026491343
chr12	1.19E+08	1.19E+08	1055	894	119350000	0.166524	0.009272103
chr12	1.19E+08	1.2E+08	977	1022	119500000	-0.13734	0.025665524
chr12	1.2E+08	1.2E+08	1005	1050	119550000	-0.13557	0.02720003
chr12	1.2E+08	1.2E+08	900	949	120100000	-0.14885	0.017358053
chr12	1.2E+08	1.2E+08	950	982	120150000	-0.12017	0.044042897
chr12	1.2E+08	1.2E+08	790	821	120400000	-0.1279	0.034752032
chr12	1.2E+08	1.21E+08	865	902	120450000	-0.1328	0.029750333
chr12	1.21E+08	1.21E+08	919	949	120600000	-0.11871	0.045993605
chr12	1.21E+08	1.21E+08	900	943	120650000	-0.1397	0.023727685
chr12	1.21E+08	1.21E+08	863	903	120700000	-0.13774	0.025328579
chr12	1.21E+08	1.21E+08	817	865	120750000	-0.15474	0.014088885
chr12	1.21E+08	1.21E+08	871	920	120800000	-0.15133	0.015908795
chr12	1.21E+08	1.21E+08	1038	869	121250000	0.184007	0.004664144
chr12	1.21E+08	1.21E+08	969	833	121300000	0.145808	0.019539702
chr12	1.21E+08	1.21E+08	832	706	121350000	0.164544	0.009989257
chr12	1.21E+08	1.22E+08	883	927	121450000	-0.14253	0.021580003
chr12	1.22E+08	1.22E+08	877	942	121700000	-0.17552	0.006416308
chr12	1.22E+08	1.22E+08	803	836	121750000	-0.13047	0.032043938
chr12	1.22E+08	1.22E+08	877	937	121850000	-0.16784	0.008656388
chr12	1.22E+08	1.22E+08	731	802	122150000	-0.2061	0.001754088
chr12	1.22E+08	1.22E+08	831	890	122300000	-0.17133	0.007566179
chr12	1.23E+08	1.23E+08	607	628	122600000	-0.12144	0.042389102
chr12	1.23E+08	1.23E+08	844	902	122650000	-0.16826	0.008520592
chr12	1.23E+08	1.23E+08	867	736	123050000	0.163954	0.010211706
chr12	1.23E+08	1.24E+08	970	1011	123450000	-0.1321	0.03042718
chr12	1.23E+08	1.24E+08	1092	1139	123500000	-0.13317	0.02940042
chr12	1.24E+08	1.24E+08	1092	1170	123550000	-0.17191	0.007397339
chr12	1.24E+08	1.24E+08	1021	1086	124400000	-0.16141	0.011034939
chr12	1.24E+08	1.25E+08	1066	1131	124450000	-0.15776	0.012623848
chr12	1.24E+08	1.25E+08	1034	1107	124500000	-0.17079	0.007726103
chr12	1.25E+08	1.25E+08	947	995	124550000	-0.1437	0.020735086
chr12	1.25E+08	1.25E+08	899	948	124600000	-0.14894	0.017307827
chr12	1.25E+08	1.25E+08	926	998	124650000	-0.1804	0.005276024
chr12	1.25E+08	1.25E+08	1130	1215	124800000	-0.17701	0.006048336

chr12	1.25E+08	1.25E+08	1114	1267	124850000	-0.25804	0.000132228
chr12	1.25E+08	1.25E+08	1136	1269	124900000	-0.2321	0.000510699
chr12	1.25E+08	1.25E+08	1163	1290	124950000	-0.22189	0.000841115
chr12	1.25E+08	1.25E+08	1116	1280	1.25E+08	-0.27018	6.74E-05
chr12	1.25E+08	1.25E+08	1074	1142	125050000	-0.16094	0.011230322
chr12	1.25E+08	1.25E+08	1080	1120	125150000	-0.12484	0.038217021
chr12	1.25E+08	1.25E+08	1066	1129	125200000	-0.15521	0.013850237
chr12	1.25E+08	1.25E+08	855	916	125400000	-0.17179	0.007429891
chr12	1.25E+08	1.26E+08	845	896	125450000	-0.15692	0.013018405
chr12	1.26E+08	1.26E+08	856	911	125550000	-0.16221	0.01071133
chr12	1.26E+08	1.26E+08	945	1039	125600000	-0.20918	0.00152522
chr12	1.26E+08	1.26E+08	1004	1061	125650000	-0.15204	0.015516402
chr12	1.26E+08	1.26E+08	1013	1118	125700000	-0.21466	0.001184404
chr12	1.26E+08	1.26E+08	1020	1079	125750000	-0.1535	0.014729201
chr12	1.26E+08	1.26E+08	982	1017	125950000	-0.1229	0.040558136
chr12	1.27E+08	1.27E+08	1087	941	126650000	0.135714	0.027352788
chr12	1.27E+08	1.27E+08	1024	1078	127200000	-0.14651	0.018829943
chr12	1.27E+08	1.27E+08	1024	1063	127250000	-0.1263	0.036532995
chr12	1.29E+08	1.29E+08	1041	1099	128650000	-0.15059	0.016330169
chr12	1.29E+08	1.29E+08	1061	1148	128800000	-0.18607	0.004180228
chr12	1.29E+08	1.29E+08	1020	1117	128850000	-0.20343	0.001977568
chr12	1.29E+08	1.29E+08	1001	1033	128900000	-0.11777	0.047299798
chr12	1.29E+08	1.29E+08	1036	1073	129150000	-0.123	0.040433212
chr12	1.29E+08	1.3E+08	810	917	129500000	-0.25137	0.000189296
chr12	1.3E+08	1.3E+08	843	930	129550000	-0.21407	0.001217313
chr12	1.3E+08	1.3E+08	986	1064	129600000	-0.18221	0.004901016
chr12	1.3E+08	1.3E+08	996	1089	129650000	-0.20116	0.002187926
chr12	1.3E+08	1.3E+08	866	916	129800000	-0.15335	0.014805867
chr12	1.3E+08	1.3E+08	937	976	129850000	-0.1312	0.031309183
chr12	1.3E+08	1.3E+08	1004	1069	130350000	-0.16287	0.010449394
chr12	1.3E+08	1.31E+08	1024	1060	130500000	-0.12222	0.041399904
chr12	1.31E+08	1.31E+08	1009	1040	130550000	-0.11603	0.049784167
chr12	1.31E+08	1.31E+08	1029	1102	130600000	-0.17125	0.007588486
chr12	1.31E+08	1.31E+08	1062	1140	130650000	-0.17462	0.006649173
chr12	1.31E+08	1.31E+08	1087	1136	130700000	-0.13598	0.026831895
chr12	1.31E+08	1.31E+08	1057	1115	130750000	-0.14944	0.017005953
chr12	1.31E+08	1.31E+08	1083	1168	130950000	-0.18138	0.005070151
chr12	1.31E+08	1.31E+08	988	1061	131100000	-0.17521	0.006495289
chr12	1.31E+08	1.31E+08	983	1095	131150000	-0.22804	0.000624226
chr12	1.31E+08	1.31E+08	939	1087	131200000	-0.28353	3.12E-05
chr12	1.31E+08	1.31E+08	969	1031	131250000	-0.16185	0.010857911
chr12	1.31E+08	1.31E+08	854	899	131350000	-0.14646	0.01886668
chr12	1.31E+08	1.32E+08	1045	1080	131500000	-0.1199	0.044396614
chr12	1.32E+08	1.32E+08	1035	1139	131550000	-0.21051	0.001435233
chr12	1.32E+08	1.32E+08	871	951	131700000	-0.19914	0.00239099
chr12	1.32E+08	1.32E+08	688	826	131750000	-0.3361	1.11E-06
chr12	1.32E+08	1.32E+08	655	751	131800000	-0.26969	6.93E-05

chr12	1.32E+08	1.32E+08	877	955	131850000	-0.1953	0.002827313
chr12	1.32E+08	1.32E+08	945	999	131900000	-0.15254	0.015240198
chr12	1.32E+08	1.32E+08	908	996	1.32E+08	-0.20583	0.001776177
chr12	1.32E+08	1.32E+08	947	1093	132050000	-0.27923	4.01E-05
chr12	1.32E+08	1.32E+08	770	819	132100000	-0.16138	0.011049813
chr12	1.32E+08	1.32E+08	732	773	132150000	-0.151	0.016099208
chr12	1.32E+08	1.32E+08	933	1014	132200000	-0.19248	0.003190763
chr12	1.32E+08	1.32E+08	955	996	132250000	-0.13302	0.029542678
chr12	1.32E+08	1.32E+08	984	1050	132300000	-0.16603	0.009276496
chr12	1.32E+08	1.32E+08	924	1048	132350000	-0.25405	0.000164082
chr12	1.32E+08	1.32E+08	869	940	132400000	-0.18568	0.004249081
chr12	1.32E+08	1.33E+08	895	985	132450000	-0.21061	0.001428716
chr12	1.32E+08	1.33E+08	937	1037	132500000	-0.21867	0.000980902
chr12	1.33E+08	1.33E+08	958	1015	132550000	-0.15575	0.013580597
chr12	1.33E+08	1.33E+08	954	1134	132600000	-0.32173	2.89E-06
chr12	1.33E+08	1.33E+08	1047	1289	132650000	-0.37236	8.39E-08
chr12	1.33E+08	1.33E+08	626	719	132700000	-0.2722	6.01E-05
chr12	1.33E+08	1.33E+08	70	85	132750000	-0.35248	3.55E-07
chr12	1.33E+08	1.33E+08	374	453	132800000	-0.34884	4.59E-07
chr12	1.33E+08	1.33E+08	893	1071	132850000	-0.3346	1.23E-06
chr12	1.33E+08	1.33E+08	1046	1250	132900000	-0.32942	1.74E-06
chr12	1.33E+08	1.33E+08	991	1196	132950000	-0.34363	6.60E-07
chr12	1.33E+08	1.33E+08	993	1167	1.33E+08	-0.30531	8.29E-06
chr12	1.33E+08	1.33E+08	1061	1261	133050000	-0.32152	2.93E-06
chr12	1.33E+08	1.33E+08	1090	1360	133100000	-0.39165	1.94E-08
chr12	1.33E+08	1.33E+08	1040	1317	133150000	-0.41304	3.57E-09
chr12	1.33E+08	1.33E+08	1002	1141	133200000	-0.25979	0.000120194
chr12	1.33E+08	1.33E+08	923	957	133250000	-0.12456	0.038546461
chr12	1.33E+08	1.33E+08	843	918	133300000	-0.19533	0.002822719
chr12	1.33E+08	1.33E+08	833	972	133350000	-0.29501	1.57E-05
chr12	1.33E+08	1.33E+08	837	908	133400000	-0.18984	0.003569942
chr12	1.34E+08	1.34E+08	959	823	133600000	0.148267	0.017955186
chr12	1.34E+08	1.34E+08	276	291	133850000	-0.14872	0.017438446
chr15	20000001	20100000	350	306	20050000	0.121451	0.042702652
chr15	20050001	20150000	177	155	20100000	0.119109	0.045791476
chr15	20100001	20200000	283	295	20150000	-0.13228	0.030245803
chr15	20150001	20250000	196	210	20200000	-0.17191	0.007397339
chr15	20200001	20300000	8	9	20250000	-0.2423	0.000304577
chr15	20250001	20350000	13	25	20300000	-1.01579	3.09E-40
chr15	20300001	20400000	28	49	20350000	-0.87973	6.33E-32
chr15	20350001	20450000	128	142	20400000	-0.22212	0.000831997
chr15	20400001	20500000	367	388	20450000	-0.15265	0.015182628
chr15	20450001	20550000	594	689	20500000	-0.28641	2.63E-05
chr15	20500001	20600000	976	1028	20550000	-0.14726	0.018350038
chr15	20650001	20750000	9	12	20700000	-0.48741	5.63E-12
chr15	20700001	20800000	13	11	20750000	0.168636	0.008557728
chr15	20750001	20850000	100	85	20800000	0.162093	0.01094313

chr15	20900001	21000000	22	15	20950000	0.480169	1.58E-11
chr15	20950001	21050000	16	10	2.10E+07	0.6057	7.32E-17
chr15	21000001	21100000	12	7	21050000	0.705236	1.10E-21
chr15	21150001	21250000	63	72	21200000	-0.26502	9.01E-05
chr15	21800001	21900000	16	18	21850000	-0.2423	0.000304577
chr15	21950001	22050000	30	37	2.20E+07	-0.37493	6.93E-08
chr15	22000001	22100000	34	40	22050000	-0.30684	7.53E-06
chr15	22050001	22150000	20	17	22100000	0.162093	0.01094313
chr15	22100001	22200000	31	25	22150000	0.237968	0.0003996
chr15	22200001	22300000	24	20	22250000	0.190663	0.003540577
chr15	22250001	22350000	464	390	22300000	0.178279	0.005876073
chr15	22300001	22400000	783	679	22350000	0.133229	0.029633953
chr15	22450001	22550000	953	1044	22500000	-0.20395	0.001932681
chr15	22500001	22600000	699	848	22550000	-0.35114	3.90E-07
chr15	22550001	22650000	235	264	22600000	-0.24025	0.000338398
chr15	22600001	22700000	16	19	22650000	-0.3203	3.18E-06
chr15	22700001	22800000	311	339	22750000	-0.19674	0.002655482
chr15	22750001	22850000	669	717	22800000	-0.17234	0.00727372
chr15	23100001	23200000	98	64	23150000	0.542338	4.68E-14
chr15	23200001	23300000	56	66	23250000	-0.30941	6.40E-06
chr15	23250001	23350000	20	27	23300000	-0.50533	1.05E-12
chr15	23300001	23400000	17	12	23350000	0.430129	1.15E-09
chr15	23350001	23450000	16	10	23400000	0.6057	7.32E-17
chr15	23450001	23550000	15	17	23500000	-0.25294	0.000174062
chr15	23500001	23600000	5	7	23550000	-0.5578	5.82E-15
chr15	23600001	23700000	382	415	23650000	-0.19191	0.003269287
chr15	24200001	24300000	918	803	24250000	0.120722	0.04364554
chr15	24350001	24450000	314	251	24400000	0.250705	0.000207789
chr15	24450001	24550000	285	310	24500000	-0.19368	0.003031284
chr15	24550001	24650000	246	276	24600000	-0.23838	0.000372257
chr15	24600001	24700000	266	325	24650000	-0.36139	1.88E-07
chr15	25250001	25350000	1024	1074	25300000	-0.14115	0.022606522
chr15	25300001	25400000	1046	1082	25350000	-0.12119	0.042710478
chr15	25400001	25500000	1025	1109	25450000	-0.18601	0.004191105
chr15	25450001	25550000	926	986	25500000	-0.16295	0.01042092
chr15	25950001	26050000	1023	1071	2.60E+07	-0.13852	0.02467768
chr15	26000001	26100000	999	1061	26050000	-0.15924	0.011958568
chr15	26050001	26150000	1025	1062	26100000	-0.12353	0.039780256
chr15	26950001	27050000	966	996	2.70E+07	-0.11649	0.049110311
chr15	27250001	27350000	1054	1115	27300000	-0.15354	0.014706484
chr15	27300001	27400000	1043	1144	27350000	-0.20572	0.001784648
chr15	27350001	27450000	973	1048	27400000	-0.1795	0.005471879
chr15	27400001	27500000	955	986	27450000	-0.11846	0.046344999
chr15	27600001	27700000	1100	943	27650000	0.149802	0.017022314
chr15	28550001	28650000	32	26	28600000	0.227189	0.000679876
chr15	28600001	28700000	9	3	28650000	1.512591	1.57E-69
chr15	28650001	28750000	105	84	28700000	0.249556	0.000220671

chr15	28800001	28900000	10	4	28850000	1.249556	2.09E-53
chr15	28950001	29050000	74	77	2.90E+07	-0.1297	0.032835067
chr15	29000001	29100000	87	95	29050000	-0.19928	0.002376391
chr15	29100001	29200000	485	512	29150000	-0.15053	0.016366059
chr15	29150001	29250000	500	546	29200000	-0.19934	0.002370059
chr15	29300001	29400000	1030	1081	29350000	-0.14209	0.021898836
chr15	29350001	29450000	1050	1176	29400000	-0.23587	0.000422781
chr15	29400001	29500000	976	1032	29450000	-0.15286	0.015067596
chr15	29550001	29650000	984	1026	29600000	-0.13267	0.029871827
chr15	29700001	29800000	902	943	29750000	-0.1365	0.026379237
chr15	30350001	30450000	201	222	30400000	-0.21574	0.001126168
chr15	30500001	30600000	11	6	30550000	0.802097	8.67E-27
chr15	30550001	30650000	14	9	30600000	0.565058	4.89E-15
chr15	30600001	30700000	16	23	30650000	-0.59593	1.05E-16
chr15	30650001	30750000	8	21	30700000	-1.46469	3.63E-69
chr15	30700001	30800000	8	17	30750000	-1.15983	2.03E-49
chr15	30800001	30900000	9	5	30850000	0.775625	2.34E-25
chr15	31000001	31100000	250	273	31050000	-0.19934	0.002370059
chr15	31050001	31150000	372	404	31100000	-0.19142	0.003337618
chr15	31650001	31750000	983	1053	31700000	-0.17161	0.00748255
chr15	31750001	31850000	1019	1054	31800000	-0.12109	0.042835287
chr15	31800001	31900000	960	1013	31850000	-0.1499	0.016733795
chr15	31950001	32050000	392	325	3.20E+07	0.198042	0.00258487
chr15	32450001	32550000	94	75	32500000	0.253398	0.000180307
chr15	32500001	32600000	87	70	32550000	0.241289	0.000337884
chr15	32600001	32700000	15	16	32650000	-0.16548	0.009472046
chr15	32650001	32750000	6	15	32700000	-1.3943	1.23E-64
chr15	32700001	32800000	3	11	32750000	-1.94684	3.29E-98
chr15	32750001	32850000	6	11	32800000	-0.94684	5.75E-36
chr15	32800001	32900000	15	13	32850000	0.134079	0.028836197
chr15	33550001	33650000	942	987	33600000	-0.13969	0.023735399
chr15	34200001	34300000	1064	906	34250000	0.159543	0.012019463
chr15	34250001	34350000	1026	855	34300000	0.190663	0.003540577
chr15	34350001	34450000	906	788	34400000	0.128944	0.033939971
chr15	34500001	34600000	961	831	34550000	0.137316	0.025960797
chr15	34600001	34700000	637	679	34650000	-0.16449	0.0098338
chr15	34650001	34750000	381	409	34700000	-0.17468	0.006633478
chr15	34800001	34900000	319	335	34850000	-0.14298	0.021254251
chr15	34850001	34950000	663	528	34900000	0.256099	0.000156199
chr15	34900001	35000000	988	829	34950000	0.180767	0.00531879
chr15	35100001	35200000	1055	918	35150000	0.128305	0.034623714
chr15	35150001	35250000	962	779	35200000	0.232042	0.000536542
chr15	35200001	35300000	859	753	35250000	0.117636	0.04782456
chr15	35450001	35550000	838	877	35500000	-0.138	0.025110969
chr15	36450001	36550000	974	815	36500000	0.18475	0.0045245
chr15	36900001	37000000	1002	864	36950000	0.141408	0.022674633
chr15	36950001	37050000	1005	850	3.70E+07	0.169289	0.00834698

chr15	37500001	37600000	974	853	37550000	0.119004	0.045934221
chr15	37550001	37650000	889	769	37600000	0.136828	0.026378329
chr15	37650001	37750000	809	705	37700000	0.126145	0.037022061
chr15	37700001	37800000	838	658	37750000	0.276491	5.07E-05
chr15	37750001	37850000	882	756	37800000	0.150021	0.016892961
chr15	37950001	38050000	1078	944	3.80E+07	0.119127	0.045768059
chr15	38300001	38400000	1008	882	38350000	0.120273	0.044234652
chr15	38350001	38450000	920	759	38400000	0.205162	0.001891009
chr15	38500001	38600000	1037	880	38550000	0.164469	0.010017294
chr15	38600001	38700000	1097	945	38650000	0.142806	0.021635614
chr15	38700001	38800000	994	1038	38750000	-0.13486	0.027832041
chr15	40200001	40300000	906	982	40250000	-0.18858	0.003763374
chr15	40250001	40350000	959	989	40300000	-0.11681	0.048655106
chr15	40350001	40450000	958	1007	40400000	-0.14434	0.020291402
chr15	40550001	40650000	1132	1292	40600000	-0.2631	0.000100154
chr15	40600001	40700000	1025	1157	40650000	-0.24714	0.000236769
chr15	40650001	40750000	958	1025	40700000	-0.1699	0.007998136
chr15	40900001	41000000	806	669	40950000	0.196402	0.002774385
chr15	41150001	41250000	981	1060	41200000	-0.18411	0.004533227
chr15	41200001	41300000	998	1079	41250000	-0.18495	0.004377992
chr15	41300001	41400000	939	821	41350000	0.121371	0.042805723
chr15	41350001	41450000	792	680	41400000	0.147594	0.01837747
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chr15	51900001	52000000	937	988	51950000	-0.14883	0.017370858
chr15	53000001	53100000	968	1020	53050000	-0.14786	0.017969676
chr15	53050001	53150000	896	1017	53100000	-0.25512	0.000154862
chr15	53100001	53200000	900	941	53150000	-0.13664	0.026258868
chr15	53550001	53650000	993	1030	53600000	-0.12515	0.037852354
chr15	53600001	53700000	978	1034	53650000	-0.1527	0.015153857
chr15	53750001	53850000	1018	892	53800000	0.11825	0.046968821
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chr15	62750001	62850000	995	1026	62800000	-0.11663	0.048909316
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chr15	63350001	63450000	940	821	63400000	0.122907	0.040870104
chr15	63400001	63500000	1000	833	63450000	0.19124	0.003455699
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chr15	65350001	65450000	913	964	65400000	-0.15079	0.016217058
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chr15	69750001	69850000	1008	1079	69800000	-0.17057	0.007792318
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chr15	74500001	74600000	1081	1193	74550000	-0.2146	0.001187641
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chr15	98700001	98800000	1094	943	98750000	0.141911	0.022295457
chr15	98750001	98850000	971	1011	98800000	-0.13061	0.031904966
chr15	98800001	98900000	964	1022	98850000	-0.15666	0.013140755
chr15	99650001	99750000	1000	1050	99700000	-0.14276	0.02141004
chr15	99700001	99800000	895	969	99750000	-0.18698	0.004024614
chr15	99850001	99950000	920	973	99900000	-0.15318	0.014898566
chr15	1.01E+08	1.01E+08	873	951	100650000	-0.19584	0.002762061
chr15	1.01E+08	1.01E+08	1014	1090	100700000	-0.17664	0.006136625
chr15	1.01E+08	1.01E+08	1004	1079	100750000	-0.17631	0.006219075
chr15	1.01E+08	1.01E+08	1023	1059	100800000	-0.12227	0.041339819
chr15	1.01E+08	1.01E+08	962	838	100900000	0.126715	0.036376212
chr15	1.01E+08	1.01E+08	792	659	100950000	0.19285	0.003228502
chr15	1.01E+08	1.02E+08	1060	1105	101450000	-0.13235	0.03017875
chr15	1.02E+08	1.02E+08	1039	1091	101600000	-0.14283	0.021362104
chr15	1.02E+08	1.02E+08	936	983	101750000	-0.14305	0.021197905

chr15	1.02E+08	1.02E+08	1050	1108	1.02E+08	-0.14994	0.016709877
chr15	1.02E+08	1.02E+08	1078	1155	102050000	-0.17191	0.007397339
chr15	1.02E+08	1.02E+08	1002	1038	102100000	-0.1233	0.040067782
chr15	1.02E+08	1.02E+08	880	914	102150000	-0.12706	0.035674574
chr15	1.02E+08	1.02E+08	923	966	102200000	-0.13806	0.025056274
chr15	1.02E+08	1.03E+08	11	17	102500000	-0.7004	6.93E-22
chr15	1.03E+08	1.03E+08	4	10	102550000	-1.3943	1.23E-64
chrX	2600001	2700000	9	3	2650000	1.512591	1.57E-69
chrX	3150001	3250000	853	890	3200000	-0.13363	0.028962973
chrX	3400001	3500000	764	657	3450000	0.145307	0.019876793
chrX	3550001	3650000	731	762	3600000	-0.13229	0.030239315
chrX	3600001	3700000	729	762	3650000	-0.13624	0.026603395
chrX	3650001	3750000	654	710	3700000	-0.1909	0.003412769
chrX	3700001	3800000	292	347	3750000	-0.32134	2.97E-06
chrX	3750001	3850000	1	2	3800000	-1.07237	8.26E-44
chrX	5400001	5500000	926	959	5450000	-0.12289	0.040565701
chrX	5650001	5750000	950	810	5700000	0.157634	0.012884707
chrX	5700001	5800000	957	839	5750000	0.117476	0.048049932
chrX	6400001	6500000	904	747	6450000	0.202843	0.002095736
chrX	7950001	8050000	925	982	8.00E+06	-0.15864	0.012224421
chrX	8100001	8200000	748	771	8150000	-0.11606	0.049732869
chrX	8650001	8750000	733	851	8700000	-0.28772	2.43E-05
chrX	8700001	8800000	699	810	8750000	-0.285	2.86E-05
chrX	9050001	9150000	976	1021	9100000	-0.1374	0.025610541
chrX	9100001	9200000	934	985	9150000	-0.14907	0.017226122
chrX	9350001	9450000	817	849	9400000	-0.1278	0.03486215
chrX	9600001	9700000	968	1001	9650000	-0.12073	0.043299023
chrX	9650001	9750000	948	998	9700000	-0.14652	0.018822596
chrX	9700001	9800000	879	948	9750000	-0.1814	0.00506667
chrX	9950001	10050000	939	1003	1.00E+07	-0.1675	0.00877239
chrX	10000001	10100000	1053	1101	10050000	-0.13668	0.026225004
chrX	10050001	10150000	1039	1100	10100000	-0.15468	0.014117407
chrX	10100001	10200000	965	1039	10150000	-0.17897	0.005590636
chrX	10700001	10800000	452	476	10750000	-0.14701	0.018508722
chrX	12550001	12650000	985	849	12600000	0.141987	0.022238641
chrX	12600001	12700000	1039	872	12650000	0.180424	0.005392767
chrX	13900001	14000000	953	827	13950000	0.132217	0.030607323
chrX	14150001	14250000	919	799	14200000	0.129498	0.033355831
chrX	14400001	14500000	1005	841	14450000	0.184646	0.004543793
chrX	14450001	14550000	1018	856	14500000	0.177683	0.006016996
chrX	14850001	14950000	1052	905	14900000	0.144773	0.020241779
chrX	15600001	15700000	1048	915	15650000	0.123423	0.040235261
chrX	15750001	15850000	926	767	15800000	0.199414	0.00243549
chrX	15800001	15900000	968	843	15850000	0.127103	0.035942314
chrX	16050001	16150000	1008	884	16100000	0.117006	0.04871733
chrX	16550001	16650000	873	764	16600000	0.120037	0.044546888
chrX	17200001	17300000	942	973	17250000	-0.11908	0.045490786

chrX	17250001	17350000	893	951	17300000	-0.16316	0.010339353
chrX	17350001	17450000	956	1039	17400000	-0.19248	0.003190154
chrX	17400001	17500000	1001	1086	17450000	-0.18995	0.003552273
chrX	17700001	17800000	1005	1042	17750000	-0.12453	0.038580227
chrX	17850001	17950000	1046	1090	17900000	-0.13182	0.030702143
chrX	17900001	18000000	1075	1116	17950000	-0.12637	0.036448649
chrX	18400001	18500000	809	849	18450000	-0.142	0.021970934
chrX	18700001	18800000	921	804	18750000	0.123634	0.039978758
chrX	18900001	19000000	950	983	18950000	-0.12164	0.042139089
chrX	19900001	20000000	879	914	19950000	-0.1287	0.033889151
chrX	20400001	20500000	993	1034	20450000	-0.13074	0.03177263
chrX	20500001	20600000	1056	923	20550000	0.121836	0.042212726
chrX	20550001	20650000	1072	914	20600000	0.157667	0.0128692
chrX	20800001	20900000	839	882	20850000	-0.14448	0.020193337
chrX	20850001	20950000	861	893	20900000	-0.12502	0.038006375
chrX	21400001	21500000	1043	914	21450000	0.118101	0.047175255
chrX	21700001	21800000	989	1024	21750000	-0.12255	0.040993897
chrX	22750001	22850000	994	848	22800000	0.15681	0.013274462
chrX	23700001	23800000	825	710	23750000	0.144203	0.020637392
chrX	23900001	24000000	866	725	23950000	0.184014	0.004662684
chrX	23950001	24050000	863	751	2.40E+07	0.128176	0.034763541
chrX	24000001	24100000	809	709	24050000	0.117982	0.047340823
chrX	24200001	24300000	906	783	24250000	0.138127	0.025279544
chrX	25300001	25400000	757	828	25350000	-0.20171	0.002135146
chrX	25350001	25450000	793	867	25400000	-0.20108	0.002195216
chrX	25400001	25500000	857	886	25450000	-0.12038	0.043758585
chrX	25750001	25850000	969	802	25800000	0.200523	0.002320513
chrX	25800001	25900000	1070	913	25850000	0.156552	0.013398362
chrX	26000001	26100000	1005	865	26050000	0.144052	0.020743749
chrX	26250001	26350000	889	770	26300000	0.134953	0.028034729
chrX	26300001	26400000	859	713	26350000	0.196384	0.002776482
chrX	26350001	26450000	952	784	26400000	0.207736	0.00168529
chrX	26400001	26500000	1016	809	26450000	0.256317	0.000154393
chrX	26600001	26700000	999	875	26650000	0.11883	0.046171807
chrX	26800001	26900000	1014	883	26850000	0.127201	0.03583345
chrX	26950001	27050000	979	851	2.70E+07	0.129778	0.033063356
chrX	27000001	27100000	934	800	27050000	0.151051	0.016294619
chrX	27200001	27300000	965	797	27250000	0.203577	0.002028803
chrX	27250001	27350000	969	772	27300000	0.255524	0.000161064
chrX	27400001	27500000	969	839	27450000	0.135454	0.027583916
chrX	27450001	27550000	973	793	27500000	0.222747	0.000841331
chrX	27500001	27600000	977	808	27550000	0.201631	0.002210486
chrX	28200001	28300000	1016	854	28250000	0.178221	0.00588972
chrX	28250001	28350000	1041	905	28300000	0.129609	0.03323977
chrX	28750001	28850000	1068	878	28800000	0.210247	0.001504518
chrX	28800001	28900000	1061	864	28850000	0.22395	0.000794438
chrX	28850001	28950000	947	828	28900000	0.121362	0.04281764

chrX	28950001	29050000	988	858	2.90E+07	0.131162	0.031650847
chrX	29100001	29200000	952	782	29150000	0.211421	0.001426231
chrX	29150001	29250000	976	815	29200000	0.187709	0.004004968
chrX	29500001	29600000	1018	853	29550000	0.182748	0.004909367
chrX	29550001	29650000	984	818	29600000	0.194186	0.003050409
chrX	29600001	29700000	986	823	29650000	0.188323	0.00390412
chrX	30400001	30500000	1000	854	30450000	0.15532	0.014004992
chrX	30750001	30850000	982	1054	30800000	-0.17445	0.006694014
chrX	30800001	30900000	1102	1157	30850000	-0.14264	0.021500686
chrX	31250001	31350000	1087	911	31300000	0.182457	0.004967675
chrX	31300001	31400000	1004	860	31350000	0.150979	0.016335751
chrX	31950001	32050000	1101	950	3.20E+07	0.140443	0.023415615
chrX	32000001	32100000	1091	924	32050000	0.167315	0.00899893
chrX	32400001	32500000	1018	892	32450000	0.11825	0.046968821
chrX	32650001	32750000	1004	877	32700000	0.122739	0.04107835
chrX	33300001	33400000	1008	833	33350000	0.202735	0.002105677
chrX	33350001	33450000	993	871	33400000	0.116749	0.049083904
chrX	33550001	33650000	1013	878	33600000	0.13397	0.028937978
chrX	33600001	33700000	984	853	33650000	0.133741	0.029151481
chrX	33800001	33900000	1011	865	33850000	0.152639	0.015407727
chrX	34000001	34100000	1052	914	34050000	0.130497	0.032323091
chrX	34050001	34150000	1016	851	34100000	0.183298	0.004800916
chrX	34150001	34250000	981	823	34200000	0.180989	0.005271488
chrX	34200001	34300000	923	806	34250000	0.123179	0.040534457
chrX	34450001	34550000	944	824	34500000	0.123771	0.039812764
chrX	34650001	34750000	1094	923	34700000	0.172838	0.007279007
chrX	34850001	34950000	1013	829	34900000	0.216818	0.001112165
chrX	34900001	35000000	989	849	34950000	0.147834	0.018225669
chrX	34950001	35050000	983	856	3.50E+07	0.127209	0.035824221
chrX	35000001	35100000	1022	876	35050000	0.150021	0.016892961
chrX	35400001	35500000	1018	850	35450000	0.187831	0.003984795
chrX	35450001	35550000	982	813	35500000	0.200096	0.002364168
chrX	35800001	35900000	1039	895	35850000	0.142864	0.02159283
chrX	35850001	35950000	997	856	35900000	0.147611	0.01836668
chrX	35900001	36000000	994	819	35950000	0.207011	0.001741103
chrX	35950001	36050000	1031	889	3.60E+07	0.141417	0.022667267
chrX	36050001	36150000	994	855	36100000	0.14495	0.020120627
chrX	36100001	36200000	982	828	36150000	0.17372	0.007033129
chrX	36150001	36250000	960	803	36200000	0.185263	0.004430379
chrX	36200001	36300000	1005	841	36250000	0.184646	0.004543793
chrX	36450001	36550000	891	927	36500000	-0.12952	0.033032037
chrX	36550001	36650000	995	842	36600000	0.168505	0.008600853
chrX	36600001	36700000	1020	851	36650000	0.188966	0.003801
chrX	38100001	38200000	923	958	38150000	-0.12607	0.036795448
chrX	39300001	39400000	1125	1160	39350000	-0.11657	0.048999121
chrX	39350001	39450000	1026	1131	39400000	-0.21294	0.001282925
chrX	39400001	39500000	996	1031	39450000	-0.1222	0.041427356

chrX	39500001	39600000	1066	1139	39550000	-0.16793	0.008627206
chrX	39550001	39650000	1047	1164	39600000	-0.2252	0.000716959
chrX	39600001	39700000	1015	1089	39650000	-0.1739	0.006842364
chrX	39650001	39750000	965	1036	39700000	-0.17479	0.006603821
chrX	39700001	39800000	950	1061	39750000	-0.2318	0.000518482
chrX	39750001	39850000	953	1006	39800000	-0.15045	0.016410474
chrX	39800001	39900000	955	986	39850000	-0.11846	0.046344999
chrX	39950001	40050000	990	1051	4.00E+07	-0.15863	0.012227749
chrX	40200001	40300000	965	1007	40250000	-0.13383	0.028773364
chrX	40900001	41000000	896	779	40950000	0.129504	0.033349502
chrX	40950001	41050000	967	847	4.10E+07	0.118782	0.046237028
chrX	41150001	41250000	742	767	41200000	-0.12018	0.04402722
chrX	42200001	42300000	905	933	42250000	-0.11633	0.049345968
chrX	42750001	42850000	1070	887	42800000	0.198233	0.0025636
chrX	42800001	42900000	1073	865	42850000	0.238506	0.000388937
chrX	42850001	42950000	1028	848	42900000	0.205332	0.001876736
chrX	42900001	43000000	1068	922	42950000	0.139701	0.023999691
chrX	43150001	43250000	977	812	43200000	0.194507	0.003008902
chrX	43550001	43650000	947	1040	43600000	-0.20752	0.001645159
chrX	43600001	43700000	998	1089	43650000	-0.19826	0.002485027
chrX	43700001	43800000	909	955	43750000	-0.14359	0.020814072
chrX	43750001	43850000	927	994	43800000	-0.17305	0.007074274
chrX	44000001	44100000	1033	1074	44050000	-0.12853	0.034078466
chrX	44050001	44150000	923	953	44100000	-0.11852	0.046264399
chrX	44500001	44600000	847	738	44550000	0.126369	0.036766429
chrX	44700001	44800000	933	784	44750000	0.178652	0.005789412
chrX	44850001	44950000	912	753	44900000	0.204012	0.00199012
chrX	44900001	45000000	976	837	44950000	0.149282	0.017333669
chrX	45300001	45400000	1004	869	45350000	0.135959	0.027135259
chrX	45800001	45900000	944	802	45850000	0.162813	0.01065514
chrX	45950001	46050000	809	863	4.60E+07	-0.16559	0.009432109
chrX	46450001	46550000	981	857	46500000	0.122586	0.041268226
chrX	46500001	46600000	949	803	46550000	0.168636	0.008557728
chrX	46850001	46950000	929	809	46900000	0.127167	0.03587058
chrX	46950001	47050000	873	907	4.70E+07	-0.12749	0.035198953
chrX	47000001	47100000	982	1161	47050000	-0.31394	4.79E-06
chrX	47050001	47150000	875	1036	47100000	-0.31604	4.19E-06
chrX	47250001	47350000	877	769	47300000	0.117221	0.048410352
chrX	47350001	47450000	887	928	47400000	-0.13756	0.025475046
chrX	47400001	47500000	996	1054	47450000	-0.15403	0.014451361
chrX	47500001	47600000	960	841	47550000	0.118557	0.046545846
chrX	48100001	48200000	269	283	48150000	-0.14557	0.0194538
chrX	48150001	48250000	155	187	48200000	-0.34314	6.83E-07
chrX	48200001	48300000	92	128	48250000	-0.54881	1.46E-14
chrX	48250001	48350000	486	579	48300000	-0.32498	2.33E-06
chrX	48300001	48400000	963	1048	48350000	-0.1944	0.002938312
chrX	48700001	48800000	732	801	48750000	-0.20233	0.002077056

chrX	48750001	48850000	918	1043	48800000	-0.25654	0.000143398
chrX	48800001	48900000	844	889	48850000	-0.14731	0.0183162
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chrX	48900001	49000000	790	845	48950000	-0.16947	0.008131424
chrX	48950001	49050000	797	852	4.90E+07	-0.16865	0.008394083
chrX	49000001	49100000	944	1067	49050000	-0.24907	0.000213825
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chrX	49100001	49200000	668	798	49150000	-0.32891	1.80E-06
chrX	49150001	49250000	143	184	49200000	-0.43606	5.32E-10
chrX	49200001	49300000	2	3	49250000	-0.65733	1.11E-19
chrX	49300001	49400000	186	215	49350000	-0.28141	3.53E-05
chrX	49900001	50000000	798	696	49950000	0.12493	0.038429648
chrX	50750001	50850000	816	850	50800000	-0.13127	0.031247765
chrX	50800001	50900000	878	923	50850000	-0.14448	0.02019205
chrX	51200001	51300000	682	721	51250000	-0.1526	0.015209194
chrX	51350001	51450000	593	520	51400000	0.117149	0.048513645
chrX	51650001	51750000	846	729	51700000	0.142367	0.021957038
chrX	51750001	51850000	392	415	51800000	-0.15463	0.014142927
chrX	52100001	52200000	22	32	52150000	-0.61294	1.65E-17
chrX	52450001	52550000	0	2	52500000	#NAME?	1.59E-189
chrX	52500001	52600000	247	274	52550000	-0.22204	0.000835289
chrX	52650001	52750000	166	140	52700000	0.173385	0.007125864
chrX	52900001	53000000	163	168	52950000	-0.11596	0.049883408
chrX	53050001	53150000	942	974	53100000	-0.12057	0.043518569
chrX	54350001	54450000	742	786	54400000	-0.15548	0.013714835
chrX	55000001	55100000	886	915	55050000	-0.11884	0.045827349
chrX	55050001	55150000	646	714	55100000	-0.21676	0.001073217
chrX	55400001	55500000	621	532	55450000	0.150795	0.016441315
chrX	55600001	55700000	770	674	55650000	0.119738	0.044945141
chrX	55750001	55850000	767	811	55800000	-0.15285	0.015075434
chrX	56400001	56500000	611	534	56450000	0.121961	0.042053787
chrX	56450001	56550000	702	609	56500000	0.132657	0.030180917
chrX	56500001	56600000	907	787	56550000	0.132367	0.030461342
chrX	56600001	56700000	683	726	56650000	-0.16046	0.011433837
chrX	56750001	56850000	881	929	56800000	-0.14891	0.017325614
chrX	56850001	56950000	729	605	56900000	0.196612	0.002749435
chrX	56900001	57000000	680	593	56950000	0.125131	0.038193576
chrX	57250001	57350000	828	726	57300000	0.117289	0.048314014
chrX	57800001	57900000	691	599	57850000	0.133758	0.029135444
chrX	58250001	58350000	1086	1135	58300000	-0.13604	0.026781646
chrX	58400001	58500000	722	615	58450000	0.159041	0.012242221
chrX	58450001	58550000	493	412	58500000	0.186572	0.004198008
chrX	58500001	58600000	315	342	58550000	-0.19102	0.003395995
chrX	58550001	58650000	180	197	58600000	-0.20257	0.002054986
chrX	61600001	61700000	42	32	61650000	0.319946	3.65E-06
chrX	61950001	62050000	883	761	6.20E+07	0.142145	0.022121223
chrX	62000001	62100000	911	798	62050000	0.118691	0.046362393

chrX	62150001	62250000	876	726	62200000	0.19859	0.00252429
chrX	62250001	62350000	796	836	62300000	-0.14311	0.021160785
chrX	62300001	62400000	379	400	62350000	-0.15017	0.016573134
chrX	62650001	62750000	799	690	62700000	0.139227	0.02437905
chrX	63100001	63200000	807	858	63150000	-0.16078	0.01129702
chrX	63150001	63250000	846	880	63200000	-0.12922	0.033344189
chrX	63350001	63450000	888	930	63400000	-0.13904	0.024256366
chrX	63550001	63650000	848	920	63600000	-0.18994	0.003554155
chrX	63600001	63700000	792	856	63650000	-0.18448	0.00446436
chrX	63650001	63750000	706	741	63700000	-0.14218	0.021837386
chrX	64500001	64600000	804	703	64550000	0.121299	0.042898433
chrX	65000001	65100000	837	863	65050000	-0.1165	0.049095354
chrX	65250001	65350000	804	866	65300000	-0.17954	0.005462048
chrX	65750001	65850000	861	754	65800000	0.119077	0.045835479
chrX	65800001	65900000	1026	880	65850000	0.149084	0.017453561
chrX	66350001	66450000	730	799	66400000	-0.20267	0.002045829
chrX	66750001	66850000	983	1020	66800000	-0.12568	0.037241355
chrX	66850001	66950000	828	857	66900000	-0.12204	0.041631538
chrX	66900001	67000000	952	1039	66950000	-0.19853	0.002455843
chrX	66950001	67050000	937	967	6.70E+07	-0.11784	0.047204033
chrX	67100001	67200000	805	701	67150000	0.127203	0.035831196
chrX	67150001	67250000	848	739	67200000	0.126118	0.037052355
chrX	67700001	67800000	800	683	67750000	0.155743	0.013794383
chrX	67850001	67950000	1075	1128	67900000	-0.1418	0.022115563
chrX	67900001	68000000	988	1091	67950000	-0.21544	0.00114189
chrX	67950001	68050000	875	923	6.80E+07	-0.14942	0.017018303
chrX	68150001	68250000	1143	1182	68200000	-0.12078	0.043244884
chrX	68200001	68300000	1108	1216	68250000	-0.20656	0.001718436
chrX	68250001	68350000	1125	1160	68300000	-0.11657	0.048999121
chrX	68350001	68450000	1138	1180	68400000	-0.12466	0.03843051
chrX	68400001	68500000	1024	1138	68450000	-0.22466	0.000736155
chrX	68450001	68550000	958	1140	68500000	-0.32331	2.61E-06
chrX	68500001	68600000	948	1050	68550000	-0.2198	0.000929416
chrX	68550001	68650000	903	974	68600000	-0.18157	0.005031309
chrX	68750001	68850000	1049	1118	68800000	-0.16428	0.009912983
chrX	68800001	68900000	946	1028	68850000	-0.1923	0.003215443
chrX	68850001	68950000	802	833	68900000	-0.12709	0.03564833
chrX	69650001	69750000	939	984	69700000	-0.1399	0.023569515
chrX	70100001	70200000	798	669	70150000	0.182011	0.005058353
chrX	70150001	70250000	839	687	70200000	0.215989	0.001155883
chrX	70200001	70300000	885	766	70250000	0.135961	0.027133604
chrX	71100001	71200000	973	1011	71150000	-0.12764	0.035033941
chrX	71150001	71250000	1087	1138	71200000	-0.13852	0.024680722
chrX	71450001	71550000	922	956	71500000	-0.12462	0.038480669
chrX	71550001	71650000	972	1027	71600000	-0.15178	0.015658858
chrX	71950001	72050000	99	79	7.20E+07	0.253204	0.00018217
chrX	72000001	72100000	9	10	72050000	-0.22437	0.000746269

chrX	72050001	72150000	12	16	72100000	-0.48741	5.63E-12
chrX	72100001	72200000	18	7	72150000	1.290198	6.40E-56
chrX	72150001	72250000	289	314	72200000	-0.19207	0.003247572
chrX	72400001	72500000	895	758	72450000	0.167318	0.00899774
chrX	72800001	72900000	807	708	72850000	0.116448	0.04951811
chrX	73400001	73500000	983	854	73450000	0.130584	0.032234737
chrX	73450001	73550000	935	818	73500000	0.120494	0.043944676
chrX	74450001	74550000	610	510	74500000	0.18594	0.004308686
chrX	74700001	74800000	672	714	74750000	-0.15983	0.011699331
chrX	74850001	74950000	681	702	74900000	-0.11619	0.0495532
chrX	74900001	75000000	698	728	74950000	-0.13308	0.029479581
chrX	75450001	75550000	599	657	75500000	-0.20571	0.001785495
chrX	75550001	75650000	725	769	75600000	-0.15737	0.012804318
chrX	75800001	75900000	675	703	75850000	-0.13101	0.031504215
chrX	76100001	76200000	650	714	76150000	-0.20786	0.001620156
chrX	76150001	76250000	765	790	76200000	-0.11876	0.045925744
chrX	76300001	76400000	812	697	76350000	0.147949	0.018153332
chrX	76350001	76450000	734	635	76400000	0.136652	0.026530551
chrX	76750001	76850000	912	781	76800000	0.15134	0.016130219
chrX	76850001	76950000	986	807	76900000	0.216647	0.001121062
chrX	76900001	77000000	943	767	76950000	0.225659	0.000731909
chrX	77050001	77150000	739	605	77100000	0.216267	0.00114103
chrX	78000001	78100000	878	921	78050000	-0.14135	0.022453516
chrX	78750001	78850000	863	906	78800000	-0.14252	0.021583956
chrX	78850001	78950000	919	766	78900000	0.190349	0.003587526
chrX	79250001	79350000	958	807	79300000	0.175085	0.006667194
chrX	79300001	79400000	921	806	79350000	0.12005	0.044530573
chrX	79500001	79600000	905	768	79550000	0.16444	0.010028165
chrX	79900001	80000000	893	923	79950000	-0.12004	0.044208174
chrX	80000001	80100000	863	718	80050000	0.193005	0.003207395
chrX	80250001	80350000	769	664	80300000	0.139429	0.024217346
chrX	80750001	80850000	1002	859	80800000	0.149781	0.01703501
chrX	81050001	81150000	908	787	81100000	0.133957	0.028949767
chrX	81550001	81650000	999	872	81600000	0.123785	0.039795791
chrX	81600001	81700000	952	835	81650000	0.116814	0.048991645
chrX	82600001	82700000	854	734	82650000	0.146084	0.019356162
chrX	82950001	83050000	790	820	8.30E+07	-0.12614	0.036708599
chrX	83750001	83850000	863	890	83800000	-0.11682	0.048647855
chrX	84000001	84100000	932	806	84050000	0.137178	0.026078133
chrX	84600001	84700000	917	780	84650000	0.161076	0.01136213
chrX	85450001	85550000	886	767	85500000	0.135708	0.027357397
chrX	85600001	85700000	898	767	85650000	0.155117	0.014107274
chrX	85650001	85750000	912	744	85700000	0.221359	0.000898618
chrX	86000001	86100000	1016	864	86050000	0.161425	0.011216647
chrX	86050001	86150000	909	796	86100000	0.11914	0.045749827
chrX	86250001	86350000	1024	898	86300000	0.117057	0.048644667
chrX	86400001	86500000	977	813	86450000	0.192731	0.003244784

chrX	86450001	86550000	924	785	86500000	0.162828	0.010648979
chrX	87050001	87150000	897	736	87100000	0.21303	0.001324991
chrX	87100001	87200000	952	807	87150000	0.166021	0.009449915
chrX	87150001	87250000	948	821	87200000	0.135133	0.027872141
chrX	87500001	87600000	901	775	87550000	0.144959	0.020114214
chrX	87550001	87650000	923	807	87600000	0.12139	0.042781278
chrX	87750001	87850000	1002	856	87800000	0.154828	0.014253918
chrX	87800001	87900000	969	844	87850000	0.126882	0.036188801
chrX	88050001	88150000	908	796	88100000	0.117552	0.047943224
chrX	88100001	88200000	1010	870	88150000	0.142896	0.021569625
chrX	88150001	88250000	952	828	88200000	0.128959	0.033923634
chrX	88500001	88600000	65	69	88550000	-0.15853	0.012275202
chrX	88700001	88800000	76	63	88750000	0.198276	0.002558852
chrX	88800001	88900000	88	93	88850000	-0.1521	0.015482366
chrX	88850001	88950000	58	62	88900000	-0.16859	0.008412954
chrX	88900001	89000000	136	143	88950000	-0.14478	0.019986634
chrX	89000001	89100000	74	61	89050000	0.206344	0.001793847
chrX	89050001	89150000	70	56	89100000	0.249556	0.000220671
chrX	89100001	89200000	59	50	89150000	0.166415	0.009310497
chrX	89150001	89250000	54	56	89200000	-0.12484	0.038217021
chrX	89250001	89350000	861	730	89300000	0.165745	0.009548722
chrX	89300001	89400000	500	426	89350000	0.158703	0.012393878
chrX	89400001	89500000	109	88	89450000	0.236381	0.000432678
chrX	89550001	89650000	69	73	89600000	-0.15367	0.014637537
chrX	89600001	89700000	77	65	89650000	0.172047	0.007506069
chrX	89650001	89750000	79	54	89700000	0.476521	2.18E-11
chrX	89700001	89800000	84	62	89750000	0.365749	1.62E-07
chrX	89750001	89850000	92	65	89800000	0.428822	1.28E-09
chrX	89800001	89900000	107	90	89850000	0.177242	0.006123222
chrX	90000001	90100000	87	73	90050000	0.180747	0.005323075
chrX	90150001	90250000	71	45	90200000	0.585522	6.05E-16
chrX	90300001	90400000	928	809	90350000	0.125613	0.037632331
chrX	90350001	90450000	501	419	90400000	0.185489	0.004389462
chrX	90850001	90950000	80	84	90900000	-0.14276	0.02141004
chrX	91000001	91100000	60	48	91050000	0.249556	0.000220671
chrX	91100001	91200000	61	52	91150000	0.157926	0.01274899
chrX	91150001	91250000	82	44	91200000	0.825749	4.35E-28
chrX	91200001	91300000	65	50	91250000	0.30614	8.72E-06
chrX	91250001	91350000	52	62	91300000	-0.32613	2.16E-06
chrX	91300001	91400000	78	96	91350000	-0.37193	8.66E-08
chrX	91650001	91750000	59	63	91700000	-0.16701	0.008937407
chrX	91700001	91800000	70	54	91750000	0.302024	1.12E-05
chrX	91750001	91850000	64	53	91800000	0.199708	0.002404518
chrX	91800001	91900000	67	78	91850000	-0.29168	1.92E-05
chrX	91850001	91950000	69	83	91900000	-0.33889	9.15E-07
chrX	91950001	92050000	64	53	9.20E+07	0.199708	0.002404518
chrX	92000001	92100000	73	63	92050000	0.140173	0.023627054

chrX	92100001	92200000	116	94	92150000	0.23102	0.000564147
chrX	92150001	92250000	101	74	92200000	0.376386	7.47E-08
chrX	92200001	92300000	72	62	92250000	0.143357	0.021237053
chrX	92300001	92400000	315	275	92350000	0.123548	0.040082672
chrX	92450001	92550000	1002	874	92500000	0.124806	0.03857587
chrX	92500001	92600000	973	826	92550000	0.163926	0.010222463
chrX	92550001	92650000	981	836	92600000	0.158378	0.012541103
chrX	93000001	93100000	1018	880	93050000	0.13779	0.025560529
chrX	93050001	93150000	1015	874	93100000	0.143403	0.021204193
chrX	93250001	93350000	907	940	93300000	-0.12393	0.039298591
chrX	93650001	93750000	991	821	93700000	0.199131	0.002465629
chrX	93700001	93800000	988	839	93750000	0.163468	0.010398468
chrX	93850001	93950000	1020	893	93900000	0.119465	0.045310781
chrX	93900001	94000000	954	828	93950000	0.131987	0.030832624
chrX	94150001	94250000	965	846	94200000	0.1175	0.04801728
chrX	94250001	94350000	1009	882	94300000	0.121704	0.042380192
chrX	94300001	94400000	1020	886	94350000	0.130819	0.03199609
chrX	95300001	95400000	864	757	95350000	0.118366	0.046808369
chrX	96000001	96100000	936	742	96050000	0.262718	0.000109298
chrX	96050001	96150000	924	751	96100000	0.226708	0.00069584
chrX	96100001	96200000	996	831	96150000	0.188925	0.003807479
chrX	96700001	96800000	854	881	96750000	-0.11728	0.047992057
chrX	96950001	97050000	961	819	9.70E+07	0.158301	0.012576361
chrX	98050001	98150000	952	804	98100000	0.171394	0.007697997
chrX	98100001	98200000	957	819	98150000	0.152284	0.015602517
chrX	98350001	98450000	953	996	98400000	-0.13604	0.026780477
chrX	99250001	99350000	987	854	99300000	0.136442	0.026712307
chrX	99300001	99400000	930	805	99350000	0.13587	0.027214055
chrX	99400001	99500000	815	865	99450000	-0.15827	0.012391166
chrX	99550001	99650000	964	1041	99600000	-0.18324	0.004699211
chrX	99600001	99700000	974	1016	99650000	-0.13328	0.029294646
chrX	1E+08	1E+08	865	720	100300000	0.192331	0.003300171
chrX	1E+08	1E+08	853	733	100350000	0.146361	0.019173634
chrX	1E+08	1.01E+08	920	789	100450000	0.149237	0.017360803
chrX	1.01E+08	1.01E+08	780	811	101400000	-0.1286	0.033999273
chrX	1.01E+08	1.02E+08	359	389	101450000	-0.18816	0.003831215
chrX	1.01E+08	1.02E+08	20	13	101500000	0.549117	2.40E-14
chrX	1.02E+08	1.02E+08	51	74	101550000	-0.6094	2.44E-17
chrX	1.02E+08	1.02E+08	77	113	101600000	-0.62576	3.99E-18
chrX	1.02E+08	1.02E+08	39	51	101650000	-0.45939	7.08E-11
chrX	1.02E+08	1.02E+08	62	76	101700000	-0.3661	1.33E-07
chrX	1.02E+08	1.02E+08	878	768	102050000	0.120743	0.043618849
chrX	1.02E+08	1.02E+08	858	740	102400000	0.141081	0.0229236
chrX	1.03E+08	1.03E+08	943	1047	102950000	-0.2233	0.000785908
chrX	1.03E+08	1.03E+08	681	706	103150000	-0.12439	0.038754045
chrX	1.03E+08	1.03E+08	523	573	103200000	-0.2041	0.001919695
chrX	1.03E+08	1.03E+08	603	623	103250000	-0.11945	0.045003289

chrX	1.04E+08	1.04E+08	931	809	104200000	0.13027	0.032555511
chrX	1.04E+08	1.04E+08	945	818	104350000	0.135842	0.027239209
chrX	1.04E+08	1.05E+08	925	956	104450000	-0.11993	0.044358261
chrX	1.05E+08	1.05E+08	991	868	104550000	0.118818	0.046187711
chrX	1.05E+08	1.05E+08	931	962	105050000	-0.11963	0.04475998
chrX	1.05E+08	1.05E+08	959	825	105250000	0.144765	0.020247502
chrX	1.06E+08	1.06E+08	1063	911	105950000	0.150247	0.016759973
chrX	1.06E+08	1.06E+08	985	854	1.06E+08	0.133516	0.029362682
chrX	1.07E+08	1.07E+08	988	1039	106700000	-0.14498	0.019847263
chrX	1.07E+08	1.07E+08	884	934	106900000	-0.15175	0.015676524
chrX	1.07E+08	1.07E+08	1060	1100	1.07E+08	-0.12581	0.037087981
chrX	1.07E+08	1.07E+08	1015	1056	107050000	-0.1295	0.033046436
chrX	1.07E+08	1.07E+08	940	802	107200000	0.156687	0.01333354
chrX	1.07E+08	1.07E+08	960	830	107250000	0.137551	0.025761676
chrX	1.07E+08	1.08E+08	1057	1094	107450000	-0.12201	0.04166569
chrX	1.07E+08	1.08E+08	945	1024	107500000	-0.1882	0.003824285
chrX	1.08E+08	1.08E+08	961	1015	107550000	-0.15124	0.01595941
chrX	1.08E+08	1.08E+08	1013	867	107650000	0.152159	0.015671622
chrX	1.09E+08	1.09E+08	958	815	108750000	0.160854	0.011455378
chrX	1.09E+08	1.09E+08	963	837	108800000	0.129936	0.032899008
chrX	1.1E+08	1.1E+08	992	1049	109950000	-0.15297	0.01500711
chrX	1.11E+08	1.11E+08	1043	899	110700000	0.141974	0.022248363
chrX	1.11E+08	1.11E+08	839	662	110850000	0.269468	7.53E-05
chrX	1.11E+08	1.11E+08	939	741	110900000	0.26928	7.61E-05
chrX	1.11E+08	1.11E+08	955	811	1.11E+08	0.163427	0.01041452
chrX	1.11E+08	1.11E+08	926	987	111100000	-0.16441	0.009863633
chrX	1.11E+08	1.11E+08	925	983	111150000	-0.16011	0.011581041
chrX	1.12E+08	1.12E+08	916	741	112350000	0.233502	0.000499243
chrX	1.12E+08	1.12E+08	937	778	112400000	0.195907	0.002833966
chrX	1.13E+08	1.13E+08	931	815	112650000	0.119609	0.045117415
chrX	1.13E+08	1.13E+08	907	778	112700000	0.148961	0.017528255
chrX	1.13E+08	1.13E+08	1074	881	113200000	0.213408	0.001302196
chrX	1.13E+08	1.13E+08	961	833	113250000	0.133848	0.029051115
chrX	1.13E+08	1.13E+08	922	784	113350000	0.161541	0.011168768
chrX	1.13E+08	1.13E+08	911	762	113400000	0.185288	0.004425719
chrX	1.13E+08	1.14E+08	691	600	113500000	0.131351	0.031461037
chrX	1.14E+08	1.14E+08	530	441	113550000	0.192842	0.003229632
chrX	1.14E+08	1.14E+08	962	799	113700000	0.19547	0.002887616
chrX	1.14E+08	1.14E+08	911	791	113750000	0.131402	0.031411047
chrX	1.14E+08	1.14E+08	949	830	113850000	0.120925	0.043381878
chrX	1.14E+08	1.14E+08	973	845	113900000	0.131117	0.031695915
chrX	1.14E+08	1.14E+08	901	768	1.14E+08	0.158049	0.012692116
chrX	1.14E+08	1.14E+08	917	799	114150000	0.126354	0.03678336
chrX	1.15E+08	1.15E+08	1018	867	114650000	0.159262	0.012143761
chrX	1.15E+08	1.15E+08	879	927	115050000	-0.14908	0.017223108
chrX	1.15E+08	1.15E+08	833	712	115250000	0.154067	0.014646067
chrX	1.15E+08	1.15E+08	877	737	115300000	0.17854	0.005815146

chrX	1.16E+08	1.16E+08	887	775	115850000	0.122366	0.041543414
chrX	1.16E+08	1.16E+08	860	723	116350000	0.177969	0.005948945
chrX	1.17E+08	1.17E+08	904	787	117200000	0.127587	0.03540592
chrX	1.17E+08	1.17E+08	982	857	117250000	0.124056	0.03946856
chrX	1.18E+08	1.18E+08	845	883	118050000	-0.13583	0.026962754
chrX	1.18E+08	1.18E+08	969	833	118150000	0.145808	0.019539702
chrX	1.19E+08	1.19E+08	777	815	119100000	-0.14126	0.022525202
chrX	1.19E+08	1.19E+08	514	404	119200000	0.275041	5.51E-05
chrX	1.19E+08	1.2E+08	938	974	119450000	-0.12671	0.036072978
chrX	1.2E+08	1.2E+08	904	791	119650000	0.120273	0.044234652
chrX	1.2E+08	1.2E+08	966	814	119700000	0.174623	0.006789294
chrX	1.21E+08	1.21E+08	931	815	120600000	0.119609	0.045117415
chrX	1.21E+08	1.21E+08	949	829	120650000	0.122664	0.04117101
chrX	1.21E+08	1.21E+08	962	838	121100000	0.126715	0.036376212
chrX	1.21E+08	1.21E+08	949	832	121150000	0.117453	0.048083151
chrX	1.22E+08	1.22E+08	986	812	121800000	0.207736	0.00168529
chrX	1.22E+08	1.22E+08	1004	851	121850000	0.166156	0.009401817
chrX	1.22E+08	1.22E+08	1020	886	121900000	0.130819	0.03199609
chrX	1.22E+08	1.22E+08	923	787	122100000	0.157595	0.012902737
chrX	1.23E+08	1.23E+08	929	806	122800000	0.132527	0.03030645
chrX	1.23E+08	1.23E+08	946	814	123150000	0.14444	0.020472574
chrX	1.23E+08	1.23E+08	905	781	123200000	0.140223	0.023587361
chrX	1.23E+08	1.23E+08	758	834	123300000	-0.21022	0.001454294
chrX	1.23E+08	1.23E+08	921	965	123350000	-0.1397	0.023731629
chrX	1.24E+08	1.24E+08	977	851	124200000	0.126828	0.036249573
chrX	1.24E+08	1.24E+08	945	792	124400000	0.182442	0.004970714
chrX	1.25E+08	1.25E+08	953	832	124550000	0.123521	0.040116192
chrX	1.25E+08	1.25E+08	924	810	124600000	0.117599	0.047877006
chrX	1.25E+08	1.25E+08	898	785	125200000	0.121651	0.042447528
chrX	1.25E+08	1.26E+08	927	797	125500000	0.145618	0.019667361
chrX	1.26E+08	1.26E+08	878	753	125550000	0.149199	0.017383451
chrX	1.26E+08	1.26E+08	888	761	125600000	0.150291	0.016733869
chrX	1.26E+08	1.26E+08	1017	857	125750000	0.174581	0.006800431
chrX	1.26E+08	1.26E+08	782	811	126100000	-0.12491	0.038139599
chrX	1.26E+08	1.27E+08	879	766	126500000	0.126147	0.037019405
chrX	1.27E+08	1.27E+08	962	841	126550000	0.121559	0.042564625
chrX	1.27E+08	1.27E+08	1038	863	127150000	0.194002	0.00307434
chrX	1.27E+08	1.27E+08	968	763	127350000	0.270952	6.94E-05
chrX	1.27E+08	1.27E+08	1041	847	127400000	0.225164	0.000749527
chrX	1.27E+08	1.28E+08	1041	899	127450000	0.139205	0.02439686
chrX	1.28E+08	1.28E+08	894	935	127800000	-0.13706	0.025897402
chrX	1.28E+08	1.28E+08	884	749	127900000	0.166709	0.009207707
chrX	1.28E+08	1.28E+08	853	883	128350000	-0.12224	0.041375875
chrX	1.28E+08	1.28E+08	789	887	128400000	-0.24128	0.000320946
chrX	1.28E+08	1.29E+08	754	658	128500000	0.124105	0.039409545
chrX	1.29E+08	1.29E+08	954	1012	129200000	-0.15752	0.012736529
chrX	1.29E+08	1.29E+08	905	943	129250000	-0.13171	0.030805693

chrX	1.3E+08	1.3E+08	878	924	129700000	-0.14604	0.019137568
chrX	1.31E+08	1.31E+08	703	730	130850000	-0.12674	0.036030457
chrX	1.31E+08	1.31E+08	962	1020	131200000	-0.15683	0.01305969
chrX	1.32E+08	1.32E+08	1012	843	131900000	0.191233	0.003456695
chrX	1.32E+08	1.32E+08	956	987	132400000	-0.11841	0.046410284
chrX	1.33E+08	1.33E+08	896	925	132550000	-0.11833	0.046527194
chrX	1.33E+08	1.33E+08	1046	911	132700000	0.126988	0.036070018
chrX	1.33E+08	1.33E+08	1007	879	132750000	0.123757	0.039829608
chrX	1.33E+08	1.33E+08	1003	1036	132850000	-0.11907	0.045504807
chrX	1.33E+08	1.33E+08	1010	1066	132900000	-0.15022	0.016543994
chrX	1.33E+08	1.33E+08	972	1006	132950000	-0.12197	0.04171022
chrX	1.33E+08	1.33E+08	994	819	133300000	0.207011	0.001741103
chrX	1.33E+08	1.33E+08	952	833	133350000	0.120273	0.044234652
chrX	1.34E+08	1.34E+08	939	803	133600000	0.153353	0.0150227
chrX	1.34E+08	1.34E+08	974	1045	133750000	-0.17388	0.006846398
chrX	1.34E+08	1.34E+08	991	1042	133800000	-0.14477	0.019993604
chrX	1.34E+08	1.34E+08	915	962	134150000	-0.14464	0.020084961
chrX	1.34E+08	1.34E+08	886	917	134200000	-0.12199	0.04169387
chrX	1.35E+08	1.35E+08	957	1023	134600000	-0.16859	0.008412954
chrX	1.35E+08	1.35E+08	953	1088	134650000	-0.2635	9.80E-05
chrX	1.35E+08	1.35E+08	859	976	134700000	-0.25659	0.000143011
chrX	1.35E+08	1.35E+08	725	749	134750000	-0.11936	0.045123533
chrX	1.35E+08	1.35E+08	921	973	135150000	-0.15161	0.015753166
chrX	1.35E+08	1.35E+08	901	954	135200000	-0.15483	0.014039201
chrX	1.35E+08	1.36E+08	958	1005	135450000	-0.14147	0.022364724
chrX	1.36E+08	1.36E+08	806	682	135950000	0.168636	0.008557728
chrX	1.36E+08	1.36E+08	790	663	1.36E+08	0.180472	0.005382333
chrX	1.36E+08	1.36E+08	784	679	136050000	0.13507	0.027928781
chrX	1.36E+08	1.36E+08	926	959	136150000	-0.12289	0.040565701
chrX	1.36E+08	1.37E+08	1037	900	136450000	0.132047	0.030773337
chrX	1.37E+08	1.37E+08	885	771	136750000	0.126575	0.036533984
chrX	1.37E+08	1.37E+08	823	855	137300000	-0.1274	0.035296805
chrX	1.37E+08	1.37E+08	811	841	137350000	-0.12478	0.038291799
chrX	1.37E+08	1.38E+08	988	864	137450000	0.121108	0.043144844
chrX	1.38E+08	1.38E+08	927	1024	137950000	-0.21595	0.00111512
chrX	1.38E+08	1.38E+08	922	990	1.38E+08	-0.17503	0.006541751
chrX	1.38E+08	1.39E+08	938	820	138450000	0.121592	0.042522557
chrX	1.39E+08	1.39E+08	660	708	139100000	-0.17366	0.00690757
chrX	1.4E+08	1.4E+08	907	949	139800000	-0.13768	0.025378704
chrX	1.4E+08	1.4E+08	1	8	140150000	-3.07237	1.54E-145
chrX	1.4E+08	1.41E+08	918	772	140500000	0.177522	0.006055722
chrX	1.41E+08	1.41E+08	116	129	140600000	-0.22562	0.00070259
chrX	1.41E+08	1.41E+08	711	610	140800000	0.148669	0.01770686
chrX	1.41E+08	1.41E+08	915	785	140850000	0.148707	0.017683061
chrX	1.41E+08	1.41E+08	886	776	141250000	0.118878	0.046105781
chrX	1.42E+08	1.42E+08	928	960	141700000	-0.12128	0.04259223
chrX	1.42E+08	1.42E+08	938	804	141900000	0.150021	0.016892961

chrX	1.42E+08	1.42E+08	1070	926	142200000	0.136155	0.026963322
chrX	1.42E+08	1.43E+08	849	908	142450000	-0.1693	0.008185247
chrX	1.42E+08	1.43E+08	863	917	142500000	-0.15993	0.011656945
chrX	1.43E+08	1.43E+08	992	842	142700000	0.164148	0.010138107
chrX	1.43E+08	1.43E+08	1041	867	142750000	0.191494	0.00341885
chrX	1.43E+08	1.43E+08	979	847	142950000	0.136575	0.026596884
chrX	1.43E+08	1.43E+08	123	103	143200000	0.183642	0.004733995
chrX	1.43E+08	1.43E+08	58	64	143250000	-0.21439	0.001199247
chrX	1.44E+08	1.44E+08	1001	865	143700000	0.138298	0.02513764
chrX	1.44E+08	1.44E+08	1066	888	143900000	0.191204	0.003460901
chrX	1.44E+08	1.44E+08	982	838	143950000	0.156401	0.013471589
chrX	1.45E+08	1.45E+08	884	917	144550000	-0.12525	0.037739714
chrX	1.45E+08	1.45E+08	900	955	145150000	-0.15795	0.012539122
chrX	1.45E+08	1.46E+08	1009	876	145450000	0.131552	0.031261877
chrX	1.46E+08	1.46E+08	981	844	145750000	0.144638	0.020334813
chrX	1.46E+08	1.46E+08	951	799	145800000	0.178878	0.00573733
chrX	1.46E+08	1.46E+08	818	648	145850000	0.263735	0.00010339
chrX	1.46E+08	1.46E+08	795	648	145900000	0.222589	0.000847675
chrX	1.46E+08	1.46E+08	823	710	146250000	0.140702	0.0232151
chrX	1.46E+08	1.47E+08	990	868	146450000	0.117362	0.048211768
chrX	1.47E+08	1.47E+08	976	1019	146650000	-0.13457	0.028093392
chrX	1.47E+08	1.47E+08	1096	959	146850000	0.120273	0.044234652
chrX	1.47E+08	1.47E+08	930	996	147150000	-0.17129	0.007578513
chrX	1.48E+08	1.48E+08	1116	951	147700000	0.158448	0.012509401
chrX	1.48E+08	1.48E+08	1005	1041	147950000	-0.12315	0.040250695
chrX	1.48E+08	1.48E+08	1042	1086	1.48E+08	-0.13204	0.030483284
chrX	1.48E+08	1.48E+08	784	817	148300000	-0.13185	0.030665691
chrX	1.49E+08	1.49E+08	410	434	148850000	-0.15444	0.014238136
chrX	1.49E+08	1.49E+08	250	272	148900000	-0.19405	0.002983201
chrX	1.49E+08	1.49E+08	317	335	149050000	-0.15205	0.01550931
chrX	1.49E+08	1.49E+08	414	432	149100000	-0.13377	0.028831366
chrX	1.49E+08	1.49E+08	1025	1101	149400000	-0.17556	0.006406043
chrX	1.49E+08	1.5E+08	1026	1096	149450000	-0.16759	0.008741385
chrX	1.49E+08	1.5E+08	1043	1100	149500000	-0.14914	0.017188056
chrX	1.5E+08	1.5E+08	1003	1085	149700000	-0.18575	0.004236957
chrX	1.5E+08	1.5E+08	977	1045	149750000	-0.16944	0.008139657
chrX	1.5E+08	1.5E+08	928	978	150100000	-0.14808	0.017832924
chrX	1.5E+08	1.5E+08	896	996	150150000	-0.22502	0.000723341
chrX	1.5E+08	1.5E+08	891	932	150200000	-0.13728	0.025716474
chrX	1.51E+08	1.51E+08	1058	1101	150850000	-0.12985	0.032688272
chrX	1.51E+08	1.51E+08	1083	1134	150900000	-0.13876	0.024485996
chrX	1.51E+08	1.51E+08	1105	952	151350000	0.142641	0.021755666
chrX	1.51E+08	1.51E+08	959	835	151400000	0.127383	0.035631433
chrX	1.52E+08	1.52E+08	953	835	151650000	0.118328	0.046860846
chrX	1.52E+08	1.52E+08	845	899	151800000	-0.16174	0.010900861
chrX	1.52E+08	1.52E+08	482	511	151850000	-0.15666	0.013140755
chrX	1.52E+08	1.52E+08	108	133	151900000	-0.37277	8.14E-08

chrX	1.52E+08	1.52E+08	503	582	151950000	-0.28283	3.25E-05
chrX	1.52E+08	1.52E+08	929	998	1.52E+08	-0.17573	0.006362781
chrX	1.52E+08	1.52E+08	1040	1140	152050000	-0.20482	0.001858192
chrX	1.52E+08	1.52E+08	1044	1157	152100000	-0.22064	0.000893078
chrX	1.52E+08	1.52E+08	2	3	152300000	-0.65733	1.11E-19
chrX	1.52E+08	1.52E+08	217	233	152350000	-0.17501	0.006548713
chrX	1.52E+08	1.53E+08	513	555	152500000	-0.1859	0.00420969
chrX	1.53E+08	1.53E+08	516	536	152550000	-0.12723	0.035484591
chrX	1.53E+08	1.53E+08	876	953	152600000	-0.19392	0.003000328
chrX	1.53E+08	1.53E+08	1030	1168	152650000	-0.25377	0.000166548
chrX	1.53E+08	1.53E+08	1085	1168	152700000	-0.17872	0.005647114
chrX	1.53E+08	1.53E+08	1125	1303	152750000	-0.28428	2.98E-05
chrX	1.53E+08	1.53E+08	1107	1367	152800000	-0.37673	6.06E-08
chrX	1.53E+08	1.53E+08	1108	1244	152850000	-0.2394	0.000353413
chrX	1.53E+08	1.53E+08	997	1121	152900000	-0.24149	0.000317464
chrX	1.53E+08	1.53E+08	789	933	152950000	-0.31422	4.71E-06
chrX	1.53E+08	1.53E+08	781	905	1.53E+08	-0.28497	2.87E-05
chrX	1.53E+08	1.53E+08	963	1060	153050000	-0.21083	0.001414308
chrX	1.53E+08	1.53E+08	1039	1084	153100000	-0.13354	0.02904773
chrX	1.53E+08	1.53E+08	1018	1051	153150000	-0.1184	0.046430055
chrX	1.53E+08	1.53E+08	997	1046	153200000	-0.14159	0.022274894
chrX	1.53E+08	1.53E+08	931	985	153250000	-0.15371	0.014615296
chrX	1.53E+08	1.54E+08	101	126	153450000	-0.39144	1.98E-08
chrX	1.53E+08	1.54E+08	230	289	153500000	-0.40181	8.78E-09
chrX	1.54E+08	1.54E+08	680	765	153550000	-0.2423	0.000304577
chrX	1.54E+08	1.54E+08	814	954	153600000	-0.30133	1.06E-05
chrX	1.54E+08	1.54E+08	862	1031	153650000	-0.33066	1.60E-06
chrX	1.54E+08	1.54E+08	981	1030	153700000	-0.14269	0.021460912
chrX	1.54E+08	1.54E+08	764	824	153750000	-0.18144	0.005056814
chrX	1.54E+08	1.54E+08	457	549	153800000	-0.33698	1.04E-06
chrX	1.54E+08	1.54E+08	327	355	153850000	-0.1909	0.003412769
chrX	1.54E+08	1.54E+08	909	942	154200000	-0.12382	0.039432858
chrX	1.55E+08	1.55E+08	412	354	154600000	0.146523	0.019067106
chrX	1.55E+08	1.55E+08	279	237	154950000	0.163006	0.010578838
chr4	1	100000	1726	1497	50000	0.132986	0.029864841
chr4	100001	200000	819	847	150000	-0.12087	0.043122931
chr4	450001	550000	837	884	5.00E+05	-0.15119	0.015989163
chr4	500001	600000	923	1014	550000	-0.20803	0.001607627
chr4	550001	650000	967	1020	6.00E+05	-0.14935	0.01705789
chr4	600001	700000	1013	1115	650000	-0.21078	0.00141737
chr4	650001	750000	923	1060	7.00E+05	-0.27203	6.07E-05
chr4	700001	800000	929	1038	750000	-0.23243	0.000502455
chr4	750001	850000	1016	1110	8.00E+05	-0.20003	0.002299559
chr4	800001	900000	1063	1143	850000	-0.17706	0.006036202
chr4	850001	950000	1005	1101	9.00E+05	-0.20399	0.00192876
chr4	900001	1000000	925	1148	950000	-0.38397	3.51E-08
chr4	950001	1050000	982	1336	1.00E+06	-0.5165	3.58E-13

chr4	1000001	1100000	987	1215	1050000	-0.37221	8.49E-08
chr4	1050001	1150000	934	1009	1100000	-0.1838	0.004591004
chr4	1100001	1200000	946	1040	1150000	-0.20904	0.001534863
chr4	1150001	1250000	1032	1174	1200000	-0.25836	0.00012993
chr4	1200001	1300000	999	1109	1250000	-0.22307	0.000794629
chr4	1250001	1350000	983	1079	1300000	-0.2068	0.001699401
chr4	1300001	1400000	1065	1223	1350000	-0.27194	6.10E-05
chr4	1350001	1450000	729	878	1400000	-0.34067	8.09E-07
chr4	1400001	1500000	431	502	1450000	-0.29237	1.84E-05
chr4	1450001	1550000	731	897	1500000	-0.36761	1.19E-07
chr4	1500001	1600000	1001	1305	1550000	-0.45498	1.04E-10
chr4	1550001	1650000	1003	1305	1600000	-0.4521	1.34E-10
chr4	1600001	1700000	962	1167	1650000	-0.35107	3.92E-07
chr4	1650001	1750000	951	1110	1700000	-0.29541	1.53E-05
chr4	1700001	1800000	1062	1283	1750000	-0.34511	5.96E-07
chr4	1750001	1850000	1049	1244	1800000	-0.31834	3.61E-06
chr4	1800001	1900000	921	1040	1850000	-0.24768	0.000230083
chr4	1900001	2000000	1005	1039	1950000	-0.12037	0.043773477
chr4	1950001	2050000	880	1024	2.00E+06	-0.29101	2.00E-05
chr4	2000001	2100000	912	1018	2050000	-0.231	0.000539318
chr4	2200001	2300000	1044	1112	2250000	-0.16341	0.010242879
chr4	2250001	2350000	1106	1228	2300000	-0.22333	0.00078487
chr4	2350001	2450000	1005	1106	2400000	-0.21053	0.001433987
chr4	2400001	2500000	964	1058	2450000	-0.20661	0.001714614
chr4	2600001	2700000	999	867	2650000	0.132081	0.030740351
chr4	2700001	2800000	836	946	2750000	-0.25071	0.000196082
chr4	2750001	2850000	1011	1181	2800000	-0.2966	1.42E-05
chr4	2800001	2900000	1006	1109	2850000	-0.213	0.00127931
chr4	2900001	3000000	927	965	2950000	-0.13033	0.032190058
chr4	3150001	3250000	1002	1046	3200000	-0.13437	0.028276889
chr4	3200001	3300000	1093	1213	3250000	-0.22266	0.000810725
chr4	3250001	3350000	1081	1205	3300000	-0.22904	0.000594316
chr4	3300001	3400000	1094	1182	3350000	-0.18399	0.004556057
chr4	3350001	3450000	1127	1263	3400000	-0.23674	0.000404629
chr4	3400001	3500000	1093	1300	3450000	-0.32259	2.73E-06
chr4	3450001	3550000	939	1132	3500000	-0.34205	7.36E-07
chr4	3500001	3600000	1042	1128	3550000	-0.18678	0.00405785
chr4	3550001	3650000	1409	1594	3600000	-0.25035	0.000199835
chr4	3600001	3700000	1360	1654	3650000	-0.35472	3.03E-07
chr4	3650001	3750000	1139	1377	3700000	-0.34613	5.55E-07
chr4	3700001	3800000	1131	1366	3750000	-0.34473	6.11E-07
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chr4	3800001	3900000	986	1131	3850000	-0.27031	6.69E-05
chr4	3850001	3950000	496	558	3900000	-0.2423	0.000304577
chr4	3900001	4000000	160	166	3950000	-0.12548	0.037465853
chr4	4050001	4150000	92	97	4100000	-0.14872	0.017438446
chr4	4100001	4200000	207	243	4150000	-0.3037	9.17E-06

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chr4	4250001	4350000	948	998	4300000	-0.14652	0.018822596
chr4	4300001	4400000	954	1075	4350000	-0.24465	0.000269655
chr4	4350001	4450000	1010	1137	4400000	-0.24325	0.000289954
chr4	4800001	4900000	1107	1146	4850000	-0.12232	0.041270434
chr4	4850001	4950000	1013	1065	4900000	-0.14459	0.020116529
chr4	4950001	5050000	939	982	5.00E+06	-0.13697	0.025977306
chr4	5050001	5150000	1098	942	5100000	0.148707	0.017683061
chr4	5350001	5450000	987	1059	5400000	-0.17395	0.006827183
chr4	5400001	5500000	883	995	5450000	-0.24465	0.000269548
chr4	5550001	5650000	1000	1034	5600000	-0.12061	0.043464387
chr4	5600001	5700000	1058	1099	5650000	-0.12722	0.035495854
chr4	5650001	5750000	1049	1090	5700000	-0.12769	0.034987785
chr4	5700001	5800000	963	1002	5750000	-0.12965	0.032895708
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chr4	6100001	6200000	1044	1099	6150000	-0.14644	0.0188767
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chr4	6400001	6500000	1083	1136	6450000	-0.1413	0.022491791
chr4	6450001	6550000	1103	1140	6500000	-0.11997	0.044300175
chr4	6700001	6800000	986	1058	6750000	-0.17405	0.006800468
chr4	6900001	7000000	955	994	6950000	-0.13012	0.032409714
chr4	6950001	7050000	956	1082	7.00E+06	-0.25099	0.000193179
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chr4	7050001	7150000	980	1089	7100000	-0.22452	0.000740969
chr4	7100001	7200000	1067	1157	7150000	-0.1892	0.003666999
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chr4	7250001	7350000	1088	1184	7300000	-0.19436	0.002943437
chr4	7400001	7500000	1105	1152	7450000	-0.13247	0.030070257
chr4	7450001	7550000	1142	1202	7500000	-0.14625	0.019004488
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chr4	7950001	8050000	1000	1140	8.00E+06	-0.26141	0.000109988
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chr4	8400001	8500000	834	879	8450000	-0.14819	0.017767117
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chr4	9500001	9600000	169	201	9550000	-0.32254	2.74E-06
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chr4	9700001	9800000	334	364	9750000	-0.19646	0.00268802
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chr4	10000001	10100000	1038	1108	10050000	-0.16652	0.009104371
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chr4	10150001	10250000	970	1079	10200000	-0.22601	0.000689317
chr4	10200001	10300000	997	1050	10250000	-0.1471	0.018454218
chr4	10900001	11000000	1016	1048	10950000	-0.11711	0.048229612
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chr4	12000001	12100000	968	814	12050000	0.177606	0.006035332
chr4	12050001	12150000	1009	864	12100000	0.151451	0.016067012
chr4	12100001	12200000	1055	903	12150000	0.152073	0.015718783
chr4	12500001	12600000	1050	902	12550000	0.146818	0.018874921
chr4	12550001	12650000	1038	908	12600000	0.12067	0.043713328
chr4	12900001	13000000	998	863	12950000	0.137307	0.025968188
chr4	13500001	13600000	961	1024	13550000	-0.16398	0.010024913
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chr4	14200001	14300000	966	826	14250000	0.15351	0.014939588
chr4	14350001	14450000	961	1009	14400000	-0.14269	0.021461972
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chr4	15000001	15100000	1114	949	15050000	0.158897	0.012306314

chr4	15050001	15150000	1073	902	15100000	0.178079	0.005923032
chr4	15600001	15700000	988	810	15650000	0.214217	0.001254592
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chr4	17200001	17300000	1097	941	17250000	0.148925	0.017549879
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chr4	17800001	17900000	1004	859	17850000	0.152657	0.015397771
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chr4	18450001	18550000	917	975	18500000	-0.16085	0.011267108
chr4	18500001	18600000	908	953	18550000	-0.14216	0.021853214
chr4	18550001	18650000	829	890	18600000	-0.17481	0.006601189
chr4	19300001	19400000	1014	856	19350000	0.172003	0.007518809
chr4	19350001	19450000	1045	828	19400000	0.263428	0.000105138
chr4	19400001	19500000	1021	850	19450000	0.192076	0.00333594
chr4	19450001	19550000	1042	868	19500000	0.191217	0.003459085
chr4	19500001	19600000	1009	847	19550000	0.180121	0.005458884
chr4	19650001	19750000	980	848	19700000	0.136346	0.026796422
chr4	19800001	19900000	999	861	19850000	0.1421	0.022155055
chr4	19950001	20050000	1032	896	2.00E+07	0.131501	0.031312581
chr4	20000001	20100000	1035	893	20050000	0.140527	0.023350543
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chr4	22800001	22900000	939	992	22850000	-0.15159	0.015766398
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chr4	26250001	26350000	929	807	26300000	0.130738	0.032077731
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chr4	36800001	36900000	988	832	36850000	0.175556	0.006544999
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chr4	37050001	37150000	1004	874	37100000	0.127682	0.035301627
chr4	37450001	37550000	985	864	37500000	0.116721	0.049124917
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chr4	39500001	39600000	813	664	39550000	0.2197	0.00097182
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chr4	40050001	40150000	856	706	40100000	0.205571	0.00185689
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chr4	40350001	40450000	953	826	40400000	0.133963	0.028944396
chr4	40400001	40500000	975	851	40450000	0.123871	0.039691157
chr4	40450001	40550000	911	791	40500000	0.131402	0.031411047

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chr4	40700001	40800000	868	755	40750000	0.128847	0.034043148
chr4	41900001	42000000	926	787	41950000	0.162277	0.010869109
chr4	42000001	42100000	933	817	42050000	0.119169	0.045710349
chr4	42050001	42150000	985	861	42100000	0.121739	0.042335785
chr4	42350001	42450000	1052	910	42400000	0.136824	0.026381401
chr4	42600001	42700000	1080	876	42650000	0.229657	0.000603056
chr4	42650001	42750000	1028	870	42700000	0.168381	0.00864138
chr4	43150001	43250000	975	843	43200000	0.137498	0.025806857
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chr4	43400001	43500000	914	790	43450000	0.13797	0.025410467
chr4	43450001	43550000	941	778	43500000	0.202053	0.002169941
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chr4	43700001	43800000	991	842	43750000	0.162693	0.010702635
chr4	43750001	43850000	1006	862	43800000	0.150499	0.01661295
chr4	43800001	43900000	945	767	43850000	0.228716	0.000631334
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chr4	45000001	45100000	918	785	45050000	0.15343	0.014982046
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chr4	45100001	45200000	975	829	45150000	0.161658	0.011120611
chr4	45150001	45250000	992	849	45200000	0.152204	0.015646592
chr4	45550001	45650000	1023	855	45600000	0.186438	0.004221196
chr4	45600001	45700000	1009	819	45650000	0.228619	0.000634317
chr4	45800001	45900000	933	812	45850000	0.128026	0.034926675
chr4	46000001	46100000	958	836	46050000	0.124151	0.039354614
chr4	46050001	46150000	1022	891	46100000	0.125526	0.037733317
chr4	46650001	46750000	907	775	46700000	0.154534	0.014404195
chr4	47100001	47200000	1115	967	47150000	0.133084	0.029771663
chr4	47500001	47600000	1072	922	47550000	0.145094	0.020021641
chr4	48500001	48600000	1111	956	48550000	0.144405	0.020496983
chr4	48550001	48650000	1057	915	48600000	0.13576	0.027311612
chr4	48600001	48700000	998	846	48650000	0.16601	0.009453744
chr4	49000001	49100000	894	958	49050000	-0.17212	0.007335433
chr4	49050001	49150000	2164	2667	49100000	-0.37389	7.49E-08
chr4	49100001	49200000	2300	2824	49150000	-0.36848	1.12E-07
chr4	49150001	49250000	798	890	49200000	-0.22979	0.000572742
chr4	49250001	49350000	119	132	49300000	-0.22195	0.000838843
chr4	49300001	49400000	68	81	49350000	-0.32476	2.37E-06
chr4	49400001	49500000	5	1	49450000	2.249556	7.16E-109
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chr4	49550001	49650000	576	709	49600000	-0.37209	8.56E-08
chr4	49600001	49700000	1026	1271	49650000	-0.38131	4.29E-08
chr4	49650001	49750000	472	585	49700000	-0.38202	4.07E-08
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chr4	52900001	53000000	907	972	52950000	-0.17223	0.007305976

chr4	53850001	53950000	1060	893	53900000	0.17496	0.006699941
chr4	53900001	54000000	979	835	53950000	0.157161	0.013107173
chr4	54150001	54250000	812	703	54200000	0.135583	0.027468635
chr4	54200001	54300000	894	750	54250000	0.181012	0.005266491
chr4	54300001	54400000	967	1002	54350000	-0.12367	0.039616658
chr4	54350001	54450000	1008	1057	54400000	-0.14085	0.022834334
chr4	54800001	54900000	970	785	54850000	0.23292	0.000513807
chr4	54850001	54950000	1017	765	54900000	0.338416	1.08E-06
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chr4	56350001	56450000	975	828	56400000	0.1634	0.010425139
chr4	57350001	57450000	885	771	57400000	0.126575	0.036533984
chr4	58200001	58300000	970	1000	58250000	-0.11632	0.049369026
chr4	58650001	58750000	1037	885	58700000	0.156295	0.013523235
chr4	58700001	58800000	917	734	58750000	0.24877	0.000229914
chr4	58750001	58850000	835	712	58800000	0.157527	0.012934585
chr4	59200001	59300000	869	761	59250000	0.119088	0.045820537
chr4	59250001	59350000	896	737	59300000	0.209462	0.001559009
chr4	59300001	59400000	958	839	59350000	0.118983	0.045963035
chr4	59400001	59500000	957	828	59450000	0.136516	0.026647851
chr4	59500001	59600000	1011	820	59550000	0.229715	0.000601332
chr4	59550001	59650000	984	777	59600000	0.268372	8.01E-05
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chr4	59700001	59800000	420	360	59750000	0.150021	0.016892961
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chr4	59800001	59900000	1048	864	59850000	0.206164	0.001808385
chr4	59850001	59950000	1002	862	59900000	0.144751	0.020257118
chr4	60100001	60200000	1031	901	60150000	0.122074	0.041911331
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chr4	60400001	60500000	883	762	60450000	0.140251	0.023566053
chr4	60650001	60750000	920	761	60700000	0.201366	0.002236426
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chr4	60800001	60900000	1006	876	60850000	0.127256	0.03577216
chr4	61250001	61350000	960	826	61300000	0.144521	0.020416171
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chr4	61500001	61600000	886	777	61550000	0.11702	0.048696326
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chr4	61650001	61750000	938	818	61700000	0.125115	0.038211792
chr4	62200001	62300000	942	809	62250000	0.147216	0.018618672
chr4	62250001	62350000	1031	836	62300000	0.230098	0.00059021
chr4	62300001	62400000	1075	901	62350000	0.182366	0.004986106
chr4	62350001	62450000	1137	935	62400000	0.209822	0.001533798
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chr4	62750001	62850000	922	803	62800000	0.126995	0.036062346
chr4	62900001	63000000	1036	903	62950000	0.125854	0.03735451

chr4	63350001	63450000	986	856	63400000	0.131605	0.031208879
chr4	63400001	63500000	933	798	63450000	0.153117	0.015149447
chr4	63450001	63550000	931	803	63500000	0.141009	0.022978126
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chr4	63850001	63950000	929	805	63900000	0.134318	0.028615238
chr4	64150001	64250000	953	793	64200000	0.192784	0.003237626
chr4	64200001	64300000	982	832	64250000	0.166768	0.009187238
chr4	64350001	64450000	961	801	64400000	0.190362	0.003585463
chr4	64400001	64500000	944	753	64450000	0.253765	0.000176839
chr4	64450001	64550000	1031	850	64500000	0.206138	0.001810481
chr4	64500001	64600000	1129	930	64550000	0.207371	0.001713166
chr4	64550001	64650000	1035	861	64600000	0.193174	0.0031845
chr4	64700001	64800000	909	753	64750000	0.199259	0.002451988
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chr4	64850001	64950000	947	812	64900000	0.149513	0.01719474
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chr4	65100001	65200000	1006	831	65150000	0.203338	0.002050387
chr4	65150001	65250000	959	836	65200000	0.125656	0.037582904
chr4	65200001	65300000	994	823	65250000	0.199982	0.002375981
chr4	65250001	65350000	1058	839	65300000	0.262225	0.00011227
chr4	65300001	65400000	969	850	65350000	0.116662	0.049209057
chr4	65350001	65450000	927	786	65400000	0.165668	0.009576345
chr4	65400001	65500000	938	787	65450000	0.180853	0.005300541
chr4	65500001	65600000	894	760	65550000	0.161904	0.011020255
chr4	65550001	65650000	1011	851	65600000	0.17618	0.006385904
chr4	65900001	66000000	966	822	65950000	0.160513	0.011599816
chr4	65950001	66050000	957	778	6.60E+07	0.226377	0.000707049
chr4	66200001	66300000	1110	920	66250000	0.198482	0.002536075
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chr4	66600001	66700000	985	830	66650000	0.174641	0.006784508
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chr4	67350001	67450000	1015	857	67400000	0.171741	0.007595554
chr4	67400001	67500000	1052	841	67450000	0.250585	0.000209103
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chr4	70550001	70650000	983	829	70600000	0.173448	0.007108414
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chr4	73150001	73250000	1046	905	73200000	0.136521	0.026643511
chr4	73700001	73800000	696	726	73750000	-0.13325	0.029317775
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chr4	80250001	80350000	1144	980	80300000	0.150862	0.016403101
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chr4	81300001	81400000	914	801	81350000	0.11802	0.04728812

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chr4	81700001	81800000	911	792	81750000	0.129579	0.033270838
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chr4	83950001	84050000	943	793	8.40E+07	0.177565	0.006045249
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chr4	84750001	84850000	1077	938	84800000	0.126987	0.03607166
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chr4	85450001	85550000	973	849	85500000	0.124303	0.039172013
chr4	86300001	86400000	1089	933	86350000	0.150683	0.016506002
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chr4	86800001	86900000	964	842	86850000	0.122841	0.040951337
chr4	87000001	87100000	951	827	87050000	0.129186	0.033683122
chr4	87100001	87200000	922	763	87150000	0.200712	0.002301387
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chr4	87300001	87400000	868	742	87350000	0.153904	0.014731522
chr4	87700001	87800000	861	719	87750000	0.18765	0.004014882
chr4	87900001	88000000	964	836	87950000	0.133158	0.029700954
chr4	87950001	88050000	1070	884	8.80E+07	0.203121	0.002070177
chr4	88000001	88100000	1030	847	88050000	0.209839	0.001532653
chr4	88250001	88350000	790	669	88300000	0.167475	0.008944446
chr4	88650001	88750000	863	747	88700000	0.135881	0.027204879
chr4	89850001	89950000	1011	872	89900000	0.141011	0.022976764
chr4	89900001	90000000	982	825	89950000	0.178957	0.005719241
chr4	90450001	90550000	1047	898	90500000	0.149102	0.017442165
chr4	90500001	90600000	969	830	90550000	0.151014	0.016315917
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chr4	90600001	90700000	1030	877	90650000	0.159624	0.011984173
chr4	90650001	90750000	1012	874	90700000	0.139132	0.02445574
chr4	90700001	90800000	991	851	90750000	0.147354	0.018530016
chr4	90750001	90850000	1013	865	90800000	0.15549	0.013919842
chr4	90800001	90900000	1016	842	90850000	0.198636	0.002519155
chr4	91150001	91250000	935	787	91200000	0.176231	0.006373121
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chr4	91250001	91350000	1009	885	91300000	0.116805	0.049003907
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chr4	91350001	91450000	962	800	91400000	0.193665	0.003118745
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chr4	92000001	92100000	770	629	92050000	0.219427	0.000984411

chr4	92050001	92150000	817	695	92100000	0.160951	0.011414343
chr4	92100001	92200000	946	828	92150000	0.119838	0.044812284
chr4	92300001	92400000	849	741	92350000	0.123919	0.039633312
chr4	92400001	92500000	919	790	92450000	0.14584	0.019518308
chr4	92450001	92550000	989	783	92500000	0.264586	9.87E-05
chr4	92500001	92600000	964	829	92550000	0.145289	0.019889149
chr4	92750001	92850000	972	828	92800000	0.158954	0.012281076
chr4	92800001	92900000	980	826	92850000	0.174268	0.006884182
chr4	92950001	93050000	969	806	9.30E+07	0.193345	0.003161444
chr4	93000001	93100000	1032	860	93050000	0.190663	0.003540577
chr4	93050001	93150000	954	818	93100000	0.149517	0.01719251
chr4	93300001	93400000	1000	849	93350000	0.163792	0.010273895
chr4	93450001	93550000	1009	856	93500000	0.164872	0.009867207
chr4	93800001	93900000	884	733	93850000	0.197861	0.002605164
chr4	93900001	94000000	989	851	93950000	0.14444	0.020472574
chr4	93950001	94050000	996	847	9.40E+07	0.161412	0.011222198
chr4	94200001	94300000	1060	930	94250000	0.11639	0.049601461
chr4	94250001	94350000	1131	963	94300000	0.159619	0.011986086
chr4	94450001	94550000	936	774	94500000	0.201803	0.00219388
chr4	94500001	94600000	863	704	94550000	0.221413	0.000896326
chr4	94550001	94650000	878	751	94600000	0.153036	0.015192631
chr4	95400001	95500000	998	836	95450000	0.183165	0.00482687
chr4	95650001	95750000	975	843	95700000	0.137498	0.025806857
chr4	95700001	95800000	889	771	95750000	0.133081	0.029774861
chr4	95800001	95900000	1036	900	95850000	0.130655	0.03216178
chr4	95850001	95950000	1019	870	95900000	0.155695	0.013818017
chr4	96200001	96300000	1046	916	96250000	0.119092	0.045815619
chr4	96250001	96350000	1068	904	96300000	0.168145	0.008719393
chr4	96550001	96650000	1022	877	96600000	0.148375	0.01788813
chr4	96950001	97050000	1051	916	9.70E+07	0.125971	0.037220182
chr4	97650001	97750000	1034	881	97700000	0.15865	0.012417553
chr4	97800001	97900000	1002	866	97850000	0.138072	0.025325414
chr4	97850001	97950000	1064	909	97900000	0.154774	0.014281385
chr4	98250001	98350000	900	766	98300000	0.160209	0.011730073
chr4	99250001	99350000	913	796	99300000	0.125475	0.037792953
chr4	99750001	99850000	917	786	99800000	0.150021	0.016892961
chr4	99800001	99900000	906	790	99850000	0.125287	0.038011642
chr4	1.01E+08	1.01E+08	1011	874	100750000	0.137706	0.025631324
chr4	1.01E+08	1.01E+08	1055	882	101150000	0.186021	0.004294439
chr4	1.01E+08	1.01E+08	1046	912	101200000	0.125405	0.03787344
chr4	1.02E+08	1.02E+08	1064	903	101600000	0.164328	0.010069976
chr4	1.02E+08	1.02E+08	1077	943	101650000	0.119317	0.045510837
chr4	1.02E+08	1.02E+08	1014	866	102050000	0.155247	0.014041823
chr4	1.02E+08	1.02E+08	831	713	102350000	0.148575	0.017764619
chr4	1.03E+08	1.03E+08	1006	859	102750000	0.155528	0.013900816
chr4	1.03E+08	1.03E+08	991	790	102800000	0.254661	0.000168635
chr4	1.03E+08	1.03E+08	989	843	102850000	0.158066	0.01268424

chr4	1.03E+08	1.03E+08	1019	877	102950000	0.144134	0.020686287
chr4	1.03E+08	1.04E+08	1106	933	103500000	0.173031	0.007224788
chr4	1.04E+08	1.04E+08	1130	965	103550000	0.15535	0.013989993
chr4	1.05E+08	1.05E+08	881	730	104600000	0.198874	0.002493343
chr4	1.05E+08	1.05E+08	913	755	104750000	0.201766	0.002197425
chr4	1.05E+08	1.05E+08	926	810	105150000	0.120719	0.043650603
chr4	1.05E+08	1.05E+08	941	808	105200000	0.147468	0.018457665
chr4	1.06E+08	1.06E+08	987	827	105650000	0.182791	0.004900834
chr4	1.06E+08	1.06E+08	938	819	105700000	0.123353	0.040321551
chr4	1.07E+08	1.07E+08	1034	889	107250000	0.145609	0.019673242
chr4	1.07E+08	1.07E+08	976	835	107300000	0.152733	0.015356576
chr4	1.07E+08	1.07E+08	979	828	107350000	0.169306	0.008341445
chr4	1.08E+08	1.08E+08	988	815	107550000	0.205339	0.00187616
chr4	1.08E+08	1.08E+08	888	722	107600000	0.226189	0.000713483
chr4	1.08E+08	1.08E+08	948	790	107650000	0.190663	0.003540577
chr4	1.08E+08	1.08E+08	1038	882	107700000	0.162584	0.010745987
chr4	1.08E+08	1.08E+08	918	775	107850000	0.171926	0.007541295
chr4	1.08E+08	1.08E+08	926	754	107900000	0.224076	0.000789658
chr4	1.08E+08	1.08E+08	1036	860	107950000	0.196244	0.002793311
chr4	1.08E+08	1.09E+08	1035	879	108450000	0.163324	0.010454584
chr4	1.09E+08	1.09E+08	826	857	108850000	-0.12553	0.03741718
chr4	1.1E+08	1.1E+08	919	784	109650000	0.156839	0.013260277
chr4	1.11E+08	1.11E+08	875	749	110550000	0.151946	0.015789785
chr4	1.11E+08	1.11E+08	966	815	1.11E+08	0.172851	0.007275345
chr4	1.11E+08	1.11E+08	997	813	111050000	0.221966	0.000873134
chr4	1.11E+08	1.11E+08	865	755	111200000	0.123852	0.039714833
chr4	1.11E+08	1.11E+08	881	763	111400000	0.135087	0.027913535
chr4	1.11E+08	1.12E+08	1022	847	111450000	0.19859	0.00252429
chr4	1.12E+08	1.12E+08	993	864	111700000	0.128391	0.034531537
chr4	1.12E+08	1.12E+08	1089	909	111900000	0.18828	0.003911182
chr4	1.12E+08	1.12E+08	1034	869	111950000	0.178436	0.005839333
chr4	1.12E+08	1.12E+08	877	768	1.12E+08	0.119099	0.045805872
chr4	1.12E+08	1.12E+08	831	726	112050000	0.122507	0.041366814
chr4	1.12E+08	1.12E+08	1013	866	112200000	0.153823	0.014773839
chr4	1.12E+08	1.12E+08	954	837	112250000	0.11639	0.049601461
chr4	1.13E+08	1.13E+08	968	816	112800000	0.174066	0.006938806
chr4	1.13E+08	1.13E+08	922	765	112850000	0.196935	0.002711424
chr4	1.13E+08	1.13E+08	1063	912	113200000	0.148664	0.017709593
chr4	1.14E+08	1.14E+08	967	1007	114100000	-0.13085	0.031666372
chr4	1.15E+08	1.15E+08	1044	907	114600000	0.130575	0.032242972
chr4	1.15E+08	1.15E+08	990	867	115050000	0.119025	0.045906353
chr4	1.15E+08	1.15E+08	984	862	115200000	0.118599	0.046488373
chr4	1.15E+08	1.16E+08	915	787	115450000	0.145036	0.020061332
chr4	1.16E+08	1.16E+08	1003	867	115550000	0.137846	0.025513958
chr4	1.16E+08	1.16E+08	1035	908	115600000	0.116495	0.049449899
chr4	1.16E+08	1.16E+08	931	794	116100000	0.15727	0.013055372
chr4	1.16E+08	1.16E+08	988	866	116250000	0.117772	0.047634193

chr4	1.16E+08	1.16E+08	964	832	116300000	0.140078	0.02370173
chr4	1.16E+08	1.17E+08	1010	838	116450000	0.196961	0.002708372
chr4	1.16E+08	1.17E+08	1037	907	116500000	0.12087	0.043453738
chr4	1.17E+08	1.17E+08	987	829	116600000	0.179306	0.005639982
chr4	1.17E+08	1.17E+08	989	815	116650000	0.206799	0.001757722
chr4	1.17E+08	1.17E+08	975	842	116700000	0.13921	0.024392879
chr4	1.17E+08	1.17E+08	957	839	116800000	0.117476	0.048049932
chr4	1.17E+08	1.17E+08	932	813	116850000	0.124703	0.03869723
chr4	1.17E+08	1.17E+08	936	763	117350000	0.222454	0.000853157
chr4	1.17E+08	1.17E+08	1072	838	117400000	0.282911	3.51E-05
chr4	1.17E+08	1.18E+08	1078	875	117450000	0.22863	0.000633964
chr4	1.17E+08	1.18E+08	1039	865	117500000	0.192052	0.003339394
chr4	1.18E+08	1.18E+08	950	790	117700000	0.193703	0.003113715
chr4	1.18E+08	1.18E+08	979	822	117750000	0.179799	0.005529829
chr4	1.18E+08	1.18E+08	1036	874	118050000	0.172947	0.007248321
chr4	1.18E+08	1.18E+08	1025	883	118100000	0.142767	0.021663841
chr4	1.18E+08	1.18E+08	894	779	118150000	0.12628	0.036868242
chr4	1.18E+08	1.18E+08	898	749	118200000	0.189378	0.003736271
chr4	1.18E+08	1.18E+08	1015	861	118250000	0.165023	0.009811441
chr4	1.18E+08	1.18E+08	1064	884	118300000	0.195008	0.002945206
chr4	1.18E+08	1.18E+08	1094	869	118350000	0.259813	0.000127959
chr4	1.19E+08	1.19E+08	1061	865	118700000	0.222281	0.000860194
chr4	1.19E+08	1.19E+08	1088	884	118750000	0.227189	0.000679876
chr4	1.19E+08	1.19E+08	982	828	118900000	0.17372	0.007033129
chr4	1.19E+08	1.19E+08	79	87	119400000	-0.21153	0.001369059
chr4	1.19E+08	1.2E+08	104	115	119450000	-0.21742	0.001040346
chr4	1.19E+08	1.2E+08	205	179	119500000	0.123293	0.040395189
chr4	1.2E+08	1.2E+08	249	210	119550000	0.173385	0.007125864
chr4	1.2E+08	1.2E+08	1021	883	120050000	0.137126	0.02612302
chr4	1.2E+08	1.2E+08	985	859	120100000	0.125094	0.038236956
chr4	1.2E+08	1.2E+08	581	608	120400000	-0.1379	0.025188642
chr4	1.2E+08	1.21E+08	938	970	120450000	-0.12077	0.043255038
chr4	1.21E+08	1.21E+08	1000	877	120650000	0.116979	0.048754566
chr4	1.21E+08	1.21E+08	1031	903	120700000	0.118875	0.0461107
chr4	1.21E+08	1.21E+08	923	791	120900000	0.150281	0.016739879
chr4	1.21E+08	1.21E+08	992	861	121050000	0.131955	0.030863649
chr4	1.21E+08	1.21E+08	1047	904	121100000	0.139495	0.024164178
chr4	1.21E+08	1.21E+08	1022	853	121150000	0.188406	0.003890775
chr4	1.21E+08	1.21E+08	1002	859	121200000	0.149781	0.01703501
chr4	1.21E+08	1.21E+08	994	865	121300000	0.128174	0.034765635
chr4	1.21E+08	1.22E+08	935	800	121450000	0.152595	0.015432047
chr4	1.23E+08	1.23E+08	965	1007	122600000	-0.13383	0.028773364
chr4	1.23E+08	1.23E+08	924	997	122650000	-0.18207	0.00492872
chr4	1.23E+08	1.23E+08	938	1002	122700000	-0.16759	0.008739507
chr4	1.23E+08	1.23E+08	952	827	123250000	0.130702	0.032113914
chr4	1.23E+08	1.23E+08	978	833	123300000	0.159146	0.012195163
chr4	1.23E+08	1.23E+08	884	752	123350000	0.160942	0.011418291

chr4	1.23E+08	1.23E+08	800	693	123400000	0.134773	0.02819853
chr4	1.24E+08	1.25E+08	1013	835	124500000	0.206414	0.001788235
chr4	1.25E+08	1.25E+08	980	796	124550000	0.227642	0.00066513
chr4	1.25E+08	1.25E+08	824	703	124600000	0.156748	0.013304167
chr4	1.25E+08	1.25E+08	877	747	124650000	0.159097	0.012217156
chr4	1.26E+08	1.26E+08	1007	858	125750000	0.158642	0.01242123
chr4	1.26E+08	1.26E+08	1017	843	125800000	0.198343	0.002551374
chr4	1.26E+08	1.26E+08	1025	833	125850000	0.226864	0.000690632
chr4	1.26E+08	1.26E+08	1062	904	1.26E+08	0.160017	0.011812738
chr4	1.26E+08	1.26E+08	1021	858	126050000	0.178562	0.005810258
chr4	1.26E+08	1.26E+08	1050	909	126350000	0.135665	0.027395588
chr4	1.27E+08	1.27E+08	1069	903	126600000	0.171092	0.007788298
chr4	1.27E+08	1.27E+08	1066	862	126650000	0.234076	0.000485264
chr4	1.27E+08	1.27E+08	988	809	126700000	0.216	0.001155313
chr4	1.27E+08	1.27E+08	970	847	126750000	0.123251	0.040446114
chr4	1.27E+08	1.27E+08	1057	924	126900000	0.121639	0.042463055
chr4	1.27E+08	1.27E+08	841	714	127100000	0.16381	0.010266927
chr4	1.27E+08	1.27E+08	977	841	127150000	0.143881	0.02086404
chr4	1.27E+08	1.27E+08	1055	904	127200000	0.150477	0.016625868
chr4	1.27E+08	1.27E+08	1047	843	127250000	0.240285	0.00035553
chr4	1.27E+08	1.27E+08	1031	812	127300000	0.272121	6.50E-05
chr4	1.27E+08	1.27E+08	1042	857	127350000	0.209616	0.001548171
chr4	1.28E+08	1.28E+08	1063	887	127650000	0.188764	0.003833218
chr4	1.28E+08	1.28E+08	1000	858	127700000	0.148579	0.017762127
chr4	1.28E+08	1.28E+08	924	805	127750000	0.126532	0.036582001
chr4	1.28E+08	1.28E+08	891	765	127900000	0.147594	0.01837747
chr4	1.28E+08	1.28E+08	915	778	127950000	0.16163	0.011132335
chr4	1.28E+08	1.28E+08	971	813	1.28E+08	0.183844	0.004695164
chr4	1.28E+08	1.28E+08	1026	880	128050000	0.149084	0.017453561
chr4	1.28E+08	1.28E+08	996	862	128100000	0.136086	0.027023744
chr4	1.28E+08	1.28E+08	1064	926	128300000	0.128042	0.034908519
chr4	1.28E+08	1.28E+08	913	787	128350000	0.141879	0.022319261
chr4	1.28E+08	1.28E+08	865	734	128400000	0.164548	0.009987491
chr4	1.29E+08	1.29E+08	896	783	128550000	0.122115	0.041859466
chr4	1.29E+08	1.29E+08	854	745	128900000	0.124624	0.038790727
chr4	1.29E+08	1.29E+08	790	687	128950000	0.129171	0.03369944
chr4	1.29E+08	1.29E+08	889	777	129150000	0.121897	0.04213464
chr4	1.29E+08	1.29E+08	1009	1051	129250000	-0.13121	0.031304797
chr4	1.3E+08	1.3E+08	938	805	129550000	0.148227	0.017979592
chr4	1.3E+08	1.3E+08	918	735	129600000	0.248378	0.000234653
chr4	1.3E+08	1.3E+08	909	758	129650000	0.189711	0.003684676
chr4	1.3E+08	1.3E+08	942	796	129700000	0.170587	0.007941434
chr4	1.3E+08	1.3E+08	964	832	129900000	0.140078	0.02370173
chr4	1.31E+08	1.31E+08	862	893	130750000	-0.12334	0.040008693
chr4	1.31E+08	1.31E+08	1017	866	131100000	0.159509	0.012034612
chr4	1.31E+08	1.31E+08	1047	886	131150000	0.168511	0.008598707
chr4	1.31E+08	1.31E+08	1017	874	131200000	0.146243	0.019251372

chr4	1.31E+08	1.32E+08	1008	857	131500000	0.161757	0.011080253
chr4	1.32E+08	1.32E+08	1003	813	131550000	0.230623	0.00057525
chr4	1.32E+08	1.32E+08	955	814	131800000	0.1581	0.012668566
chr4	1.32E+08	1.32E+08	972	804	131850000	0.201389	0.002234131
chr4	1.32E+08	1.32E+08	999	855	1.32E+08	0.152188	0.015655048
chr4	1.32E+08	1.32E+08	989	839	132050000	0.164928	0.009846421
chr4	1.32E+08	1.32E+08	966	798	132100000	0.203263	0.002057238
chr4	1.32E+08	1.32E+08	1005	845	132150000	0.1778	0.005988995
chr4	1.32E+08	1.32E+08	1041	904	132200000	0.131204	0.03160877
chr4	1.32E+08	1.32E+08	863	752	132350000	0.126256	0.036895089
chr4	1.32E+08	1.32E+08	939	798	132400000	0.162365	0.010833787
chr4	1.33E+08	1.33E+08	140	146	132650000	-0.13291	0.029641217
chr4	1.33E+08	1.33E+08	143	119	132800000	0.192682	0.003251611
chr4	1.33E+08	1.33E+08	166	126	132850000	0.325388	2.57E-06
chr4	1.33E+08	1.33E+08	618	471	132900000	0.319508	3.75E-06
chr4	1.33E+08	1.33E+08	1034	833	132950000	0.239476	0.000370379
chr4	1.33E+08	1.33E+08	957	826	1.33E+08	0.140005	0.023758823
chr4	1.33E+08	1.33E+08	957	806	133100000	0.175367	0.006593692
chr4	1.33E+08	1.33E+08	988	783	133150000	0.263127	0.000106884
chr4	1.33E+08	1.33E+08	981	852	133200000	0.131028	0.031785101
chr4	1.33E+08	1.33E+08	971	851	133250000	0.11794	0.047399241
chr4	1.33E+08	1.33E+08	990	836	133300000	0.171554	0.007650693
chr4	1.33E+08	1.33E+08	940	764	133350000	0.226716	0.000695566
chr4	1.33E+08	1.33E+08	936	816	133400000	0.125568	0.037685231
chr4	1.34E+08	1.34E+08	971	852	133900000	0.116246	0.049809757
chr4	1.34E+08	1.34E+08	984	846	134200000	0.145629	0.019659947
chr4	1.34E+08	1.34E+08	1044	884	134250000	0.167632	0.0088913
chr4	1.34E+08	1.34E+08	1024	886	134300000	0.136465	0.026692214
chr4	1.34E+08	1.34E+08	1083	933	134350000	0.142712	0.021703482
chr4	1.34E+08	1.34E+08	1047	862	134400000	0.20813	0.001655689
chr4	1.35E+08	1.35E+08	995	849	134550000	0.15656	0.013394527
chr4	1.35E+08	1.35E+08	1005	864	134600000	0.145721	0.019598492
chr4	1.35E+08	1.35E+08	934	791	134650000	0.167373	0.008978984
chr4	1.35E+08	1.35E+08	931	813	134700000	0.123154	0.040565175
chr4	1.35E+08	1.35E+08	1011	881	134750000	0.126197	0.03696206
chr4	1.35E+08	1.35E+08	1023	867	134800000	0.16633	0.009340287
chr4	1.35E+08	1.35E+08	1046	880	134850000	0.176936	0.006198027
chr4	1.35E+08	1.35E+08	1013	864	1.35E+08	0.157159	0.013107982
chr4	1.35E+08	1.35E+08	1035	882	135050000	0.158408	0.012527421
chr4	1.35E+08	1.35E+08	1022	882	135250000	0.140173	0.023627054
chr4	1.35E+08	1.36E+08	994	854	135450000	0.146638	0.018992119
chr4	1.35E+08	1.36E+08	1014	834	135500000	0.209567	0.001551667
chr4	1.36E+08	1.36E+08	975	838	135550000	0.14608	0.019358834
chr4	1.36E+08	1.36E+08	990	863	135650000	0.125696	0.03753662
chr4	1.36E+08	1.36E+08	991	824	135700000	0.193869	0.003091826
chr4	1.36E+08	1.36E+08	952	787	135750000	0.202226	0.002153454
chr4	1.36E+08	1.36E+08	953	826	135900000	0.133963	0.028944396

chr4	1.36E+08	1.36E+08	954	824	136400000	0.138973	0.024584644
chr4	1.37E+08	1.37E+08	999	873	136550000	0.122131	0.041838535
chr4	1.37E+08	1.37E+08	1003	866	136600000	0.139511	0.024151453
chr4	1.37E+08	1.37E+08	968	828	136650000	0.153005	0.015209735
chr4	1.37E+08	1.37E+08	1033	866	136700000	0.18203	0.005054508
chr4	1.37E+08	1.37E+08	1036	850	136750000	0.213117	0.001319708
chr4	1.37E+08	1.37E+08	1026	899	136800000	0.118266	0.046947003
chr4	1.37E+08	1.37E+08	1072	932	136850000	0.129531	0.033320576
chr4	1.37E+08	1.37E+08	1047	838	136900000	0.248868	0.000228748
chr4	1.37E+08	1.37E+08	1004	875	136950000	0.126033	0.03715013
chr4	1.37E+08	1.37E+08	1031	887	137050000	0.144667	0.02031534
chr4	1.37E+08	1.37E+08	1050	895	137100000	0.158058	0.012687994
chr4	1.37E+08	1.37E+08	1040	907	137150000	0.125037	0.038303213
chr4	1.38E+08	1.38E+08	1017	880	137600000	0.136372	0.026773076
chr4	1.38E+08	1.38E+08	1097	962	1.38E+08	0.117083	0.048607143
chr4	1.38E+08	1.38E+08	1047	852	138150000	0.224964	0.000756759
chr4	1.38E+08	1.38E+08	1042	862	138200000	0.201224	0.002250384
chr4	1.38E+08	1.38E+08	1018	810	138350000	0.257372	0.000145919
chr4	1.38E+08	1.38E+08	877	743	138400000	0.166843	0.009161162
chr4	1.39E+08	1.39E+08	982	829	138700000	0.171979	0.00752581
chr4	1.39E+08	1.39E+08	932	811	138750000	0.128256	0.034676545
chr4	1.39E+08	1.39E+08	982	851	138850000	0.134192	0.028731508
chr4	1.39E+08	1.39E+08	1068	895	138900000	0.18258	0.004942933
chr4	1.39E+08	1.39E+08	981	849	139250000	0.136117	0.02699677
chr4	1.39E+08	1.39E+08	876	906	139400000	-0.12095	0.043017082
chr4	1.4E+08	1.4E+08	765	790	139900000	-0.11876	0.045925744
chr4	1.4E+08	1.4E+08	819	708	140200000	0.137742	0.025600844
chr4	1.41E+08	1.41E+08	934	963	140650000	-0.11649	0.049123718
chr4	1.42E+08	1.42E+08	968	1023	141550000	-0.1521	0.015482366
chr4	1.42E+08	1.42E+08	998	870	141800000	0.125653	0.037586899
chr4	1.42E+08	1.42E+08	1070	864	141950000	0.236136	0.000438007
chr4	1.42E+08	1.42E+08	1020	854	1.42E+08	0.183889	0.004686506
chr4	1.42E+08	1.43E+08	990	855	142450000	0.139132	0.02445574
chr4	1.43E+08	1.43E+08	959	818	143150000	0.157058	0.013155915
chr4	1.43E+08	1.44E+08	1043	892	143450000	0.153252	0.015076975
chr4	1.45E+08	1.45E+08	306	259	144750000	0.168208	0.008698643
chr4	1.45E+08	1.45E+08	206	172	144800000	0.187864	0.003979348
chr4	1.45E+08	1.46E+08	979	852	145450000	0.128084	0.034863565
chr4	1.45E+08	1.46E+08	1021	887	145500000	0.130605	0.032212851
chr4	1.46E+08	1.46E+08	939	803	145650000	0.153353	0.0150227
chr4	1.46E+08	1.46E+08	847	718	145700000	0.166006	0.009455179
chr4	1.46E+08	1.46E+08	891	746	145750000	0.183878	0.004688682
chr4	1.46E+08	1.46E+08	869	750	146150000	0.140094	0.02368917
chr4	1.46E+08	1.46E+08	943	810	146350000	0.146964	0.018780504
chr4	1.46E+08	1.46E+08	1013	821	146400000	0.230808	0.000570042
chr4	1.46E+08	1.47E+08	1035	894	146450000	0.138912	0.024634111
chr4	1.47E+08	1.47E+08	1014	886	146700000	0.122307	0.041617102

chr4	1.47E+08	1.48E+08	840	889	147450000	-0.15417	0.014380549
chr4	1.48E+08	1.48E+08	976	826	147650000	0.168368	0.008645857
chr4	1.48E+08	1.48E+08	879	768	147700000	0.122385	0.041519528
chr4	1.48E+08	1.48E+08	1099	934	147850000	0.162325	0.010849648
chr4	1.48E+08	1.48E+08	1134	964	147900000	0.161944	0.011003894
chr4	1.48E+08	1.48E+08	1106	957	147950000	0.136389	0.026758863
chr4	1.48E+08	1.48E+08	1041	885	148100000	0.161849	0.011042567
chr4	1.48E+08	1.48E+08	957	833	148150000	0.127831	0.035139186
chr4	1.48E+08	1.48E+08	1021	861	148200000	0.173526	0.007086714
chr4	1.48E+08	1.48E+08	1054	914	148250000	0.133237	0.029626301
chr4	1.49E+08	1.49E+08	883	758	148600000	0.147844	0.018219613
chr4	1.5E+08	1.5E+08	957	833	149550000	0.127831	0.035139186
chr4	1.5E+08	1.5E+08	1044	908	149650000	0.128986	0.033895293
chr4	1.5E+08	1.5E+08	989	866	150100000	0.119232	0.045625774
chr4	1.5E+08	1.5E+08	980	828	150150000	0.170779	0.007882833
chr4	1.5E+08	1.5E+08	1016	879	150200000	0.136594	0.026580898
chr4	1.5E+08	1.5E+08	978	845	150400000	0.138511	0.024961864
chr4	1.5E+08	1.51E+08	1039	855	150450000	0.208828	0.001604405
chr4	1.5E+08	1.51E+08	982	854	150500000	0.129115	0.033758189
chr4	1.51E+08	1.51E+08	896	754	150800000	0.176562	0.006290219
chr4	1.51E+08	1.51E+08	1010	874	151100000	0.136278	0.026855263
chr4	1.51E+08	1.51E+08	970	851	151400000	0.116454	0.049509008
chr4	1.51E+08	1.52E+08	932	804	151450000	0.140763	0.023167933
chr4	1.51E+08	1.52E+08	1023	859	151500000	0.179704	0.005550784
chr4	1.52E+08	1.52E+08	1067	856	151550000	0.245506	0.000272294
chr4	1.52E+08	1.52E+08	1052	852	151600000	0.231838	0.000541958
chr4	1.52E+08	1.52E+08	1057	925	151650000	0.120078	0.044492411
chr4	1.52E+08	1.52E+08	730	757	1.52E+08	-0.12477	0.038300104
chr4	1.52E+08	1.52E+08	915	773	152100000	0.170932	0.007836691
chr4	1.52E+08	1.52E+08	876	925	152300000	-0.15089	0.016157487
chr4	1.53E+08	1.53E+08	975	854	152700000	0.118794	0.046220315
chr4	1.53E+08	1.53E+08	1151	920	153250000	0.25081	0.000206649
chr4	1.53E+08	1.53E+08	1110	934	153300000	0.176693	0.006257718
chr4	1.54E+08	1.54E+08	916	765	154350000	0.187516	0.00403718
chr4	1.55E+08	1.55E+08	1105	949	154850000	0.147195	0.018632127
chr4	1.55E+08	1.55E+08	949	829	155100000	0.122664	0.04117101
chr4	1.56E+08	1.56E+08	870	914	155700000	-0.14355	0.020843617
chr4	1.56E+08	1.56E+08	972	798	155850000	0.212196	0.001376647
chr4	1.56E+08	1.56E+08	1019	850	155900000	0.189248	0.003756673
chr4	1.56E+08	1.56E+08	976	849	155950000	0.128745	0.034151688
chr4	1.56E+08	1.57E+08	998	873	156500000	0.120686	0.043692535
chr4	1.57E+08	1.57E+08	943	814	156800000	0.139857	0.023875905
chr4	1.57E+08	1.57E+08	1045	905	157050000	0.135141	0.02786456
chr4	1.57E+08	1.57E+08	921	793	157250000	0.143509	0.021128573
chr4	1.57E+08	1.57E+08	979	847	157300000	0.136575	0.026596884
chr4	1.57E+08	1.57E+08	994	860	157400000	0.136537	0.026629588
chr4	1.57E+08	1.58E+08	1020	881	157450000	0.138983	0.024576286

chr4	1.58E+08	1.58E+08	1071	909	157600000	0.164235	0.010105424
chr4	1.58E+08	1.58E+08	1057	901	157650000	0.158005	0.012712605
chr4	1.58E+08	1.58E+08	1041	856	1.58E+08	0.209916	0.001527318
chr4	1.58E+08	1.58E+08	961	842	158050000	0.118344	0.046838492
chr4	1.58E+08	1.58E+08	1066	924	158250000	0.133871	0.029029888
chr4	1.58E+08	1.58E+08	1000	873	158400000	0.123575	0.040050748
chr4	1.61E+08	1.61E+08	976	837	160600000	0.149282	0.017333669
chr4	1.61E+08	1.61E+08	981	851	161150000	0.132722	0.03011814
chr4	1.61E+08	1.61E+08	972	811	161200000	0.188883	0.003814288
chr4	1.61E+08	1.61E+08	971	805	161250000	0.198111	0.002577209
chr4	1.61E+08	1.61E+08	980	841	161300000	0.148304	0.017931852
chr4	1.61E+08	1.62E+08	923	807	161450000	0.12139	0.042781278
chr4	1.61E+08	1.62E+08	891	771	161500000	0.136323	0.02681642
chr4	1.62E+08	1.62E+08	968	827	161650000	0.154748	0.014294781
chr4	1.62E+08	1.62E+08	959	825	161700000	0.144765	0.020247502
chr4	1.62E+08	1.62E+08	1045	912	161750000	0.124025	0.03950537
chr4	1.62E+08	1.62E+08	996	833	161950000	0.185457	0.004395076
chr4	1.62E+08	1.62E+08	913	771	1.62E+08	0.171512	0.007663
chr4	1.62E+08	1.62E+08	950	827	162050000	0.127668	0.035316879
chr4	1.62E+08	1.62E+08	1010	869	162200000	0.144555	0.020392197
chr4	1.62E+08	1.62E+08	1051	920	162250000	0.119685	0.045015931
chr4	1.62E+08	1.62E+08	1012	830	162400000	0.213654	0.00128755
chr4	1.62E+08	1.63E+08	1045	844	162450000	0.235816	0.000445046
chr4	1.62E+08	1.63E+08	1019	851	162500000	0.187551	0.004031301
chr4	1.63E+08	1.63E+08	975	834	162550000	0.152983	0.015221297
chr4	1.63E+08	1.63E+08	945	825	162800000	0.123548	0.040082672
chr4	1.63E+08	1.63E+08	987	854	162850000	0.136442	0.026712307
chr4	1.63E+08	1.63E+08	1081	930	1.63E+08	0.144692	0.020297683
chr4	1.63E+08	1.63E+08	1082	922	163050000	0.15849	0.012490273
chr4	1.63E+08	1.63E+08	1032	873	163100000	0.169018	0.008434037
chr4	1.63E+08	1.63E+08	1027	859	163150000	0.185334	0.004417353
chr4	1.63E+08	1.63E+08	983	841	163200000	0.152714	0.015367086
chr4	1.63E+08	1.63E+08	989	851	163250000	0.14444	0.020472574
chr4	1.63E+08	1.63E+08	998	844	163400000	0.169425	0.008303625
chr4	1.63E+08	1.64E+08	962	826	163500000	0.147523	0.01842226
chr4	1.64E+08	1.64E+08	996	856	163550000	0.146163	0.019303908
chr4	1.65E+08	1.65E+08	1007	849	164700000	0.173855	0.006996163
chr4	1.65E+08	1.65E+08	921	756	1.65E+08	0.212443	0.001361149
chr4	1.65E+08	1.65E+08	958	779	165050000	0.226031	0.000718952
chr4	1.65E+08	1.65E+08	830	709	165200000	0.154954	0.014189885
chr4	1.65E+08	1.65E+08	1049	850	165250000	0.231108	0.000561724
chr4	1.65E+08	1.65E+08	1025	859	165300000	0.182522	0.004954616
chr4	1.66E+08	1.66E+08	875	759	165750000	0.132811	0.030032504
chr4	1.66E+08	1.66E+08	812	678	165800000	0.187823	0.003986177
chr4	1.66E+08	1.66E+08	499	524	166200000	-0.1429	0.021310334
chr4	1.67E+08	1.67E+08	990	852	166700000	0.144203	0.020637392
chr4	1.67E+08	1.67E+08	962	837	166750000	0.128438	0.034481077

chr4	1.67E+08	1.67E+08	963	828	166800000	0.145533	0.019724254
chr4	1.67E+08	1.67E+08	983	769	166850000	0.281836	3.74E-05
chr4	1.67E+08	1.67E+08	1021	814	166900000	0.25451	0.000169986
chr4	1.67E+08	1.67E+08	1011	881	166950000	0.126197	0.03696206
chr4	1.67E+08	1.67E+08	962	844	167200000	0.116422	0.049554834
chr4	1.67E+08	1.67E+08	974	841	167250000	0.139444	0.024204835
chr4	1.67E+08	1.67E+08	993	849	167300000	0.153657	0.014861354
chr4	1.67E+08	1.67E+08	961	813	167350000	0.168909	0.008469017
chr4	1.67E+08	1.68E+08	988	823	167500000	0.191247	0.003454679
chr4	1.68E+08	1.68E+08	1055	810	167550000	0.308877	7.35E-06
chr4	1.68E+08	1.68E+08	948	793	167600000	0.185194	0.004442802
chr4	1.68E+08	1.68E+08	852	709	167700000	0.192696	0.003249653
chr4	1.68E+08	1.68E+08	1000	870	167750000	0.128541	0.034369937
chr4	1.68E+08	1.68E+08	910	771	168200000	0.166764	0.009188563
chr4	1.68E+08	1.68E+08	967	844	168350000	0.123901	0.039655175
chr4	1.68E+08	1.68E+08	948	779	168400000	0.210892	0.001461044
chr4	1.68E+08	1.69E+08	968	818	168450000	0.170534	0.007957471
chr4	1.68E+08	1.69E+08	1026	885	168500000	0.14091	0.023054751
chr4	1.69E+08	1.69E+08	1036	887	168700000	0.151646	0.015957139
chr4	1.69E+08	1.69E+08	1046	873	168750000	0.188458	0.003882409
chr4	1.7E+08	1.7E+08	1084	939	169600000	0.134796	0.028177551
chr4	1.7E+08	1.7E+08	895	943	1.70E+08	-0.14774	0.018044899
chr4	1.7E+08	1.7E+08	1067	911	170100000	0.155665	0.013832672
chr4	1.71E+08	1.71E+08	763	804	170700000	-0.14788	0.017955774
chr4	1.71E+08	1.71E+08	848	736	171150000	0.131987	0.030832624
chr4	1.71E+08	1.71E+08	922	783	171350000	0.163383	0.010431744
chr4	1.71E+08	1.71E+08	946	758	171400000	0.247271	0.00024855
chr4	1.72E+08	1.72E+08	912	776	171600000	0.160605	0.011560509
chr4	1.72E+08	1.72E+08	1008	823	171650000	0.22016	0.000951029
chr4	1.72E+08	1.72E+08	966	813	171700000	0.176396	0.006331708
chr4	1.72E+08	1.72E+08	935	803	171750000	0.147195	0.018632127
chr4	1.72E+08	1.72E+08	1017	864	171900000	0.162845	0.010642549
chr4	1.72E+08	1.72E+08	956	815	172150000	0.157839	0.012789322
chr4	1.72E+08	1.72E+08	984	843	172400000	0.150754	0.016465154
chr4	1.73E+08	1.73E+08	1033	902	172550000	0.123269	0.040423874
chr4	1.73E+08	1.73E+08	989	865	172650000	0.120899	0.043416115
chr4	1.73E+08	1.73E+08	968	830	172850000	0.149524	0.017188146
chr4	1.73E+08	1.73E+08	1010	855	172900000	0.167987	0.00877197
chr4	1.74E+08	1.74E+08	1121	961	173600000	0.149806	0.017019884
chr4	1.74E+08	1.74E+08	1121	915	173650000	0.220571	0.000932753
chr4	1.74E+08	1.74E+08	1036	880	174100000	0.163077	0.010551144
chr4	1.74E+08	1.74E+08	1056	917	174150000	0.131244	0.031567931
chr4	1.75E+08	1.75E+08	965	835	174700000	0.136381	0.026765671
chr4	1.75E+08	1.75E+08	1057	917	174950000	0.13261	0.030226299
chr4	1.75E+08	1.75E+08	1035	895	175150000	0.137299	0.025975052
chr4	1.75E+08	1.76E+08	1041	889	175500000	0.155343	0.013993594
chr4	1.76E+08	1.76E+08	1053	880	175550000	0.186558	0.004200314

chr4	1.76E+08	1.76E+08	988	837	175650000	0.166912	0.009137346
chr4	1.76E+08	1.76E+08	994	836	175700000	0.177371	0.006091971
chr4	1.76E+08	1.76E+08	984	1025	175850000	-0.13127	0.031247765
chr4	1.76E+08	1.76E+08	919	755	175950000	0.211216	0.001439608
chr4	1.76E+08	1.76E+08	1017	861	1.76E+08	0.167863	0.008813573
chr4	1.76E+08	1.76E+08	1031	874	176050000	0.165967	0.009469078
chr4	1.76E+08	1.76E+08	980	808	176100000	0.206055	0.001817218
chr4	1.76E+08	1.76E+08	978	805	176150000	0.208474	0.001630217
chr4	1.76E+08	1.76E+08	897	785	176350000	0.120044	0.044538511
chr4	1.76E+08	1.76E+08	942	818	176400000	0.131254	0.031557909
chr4	1.77E+08	1.77E+08	942	762	176550000	0.233564	0.000497714
chr4	1.77E+08	1.77E+08	1011	840	176600000	0.19495	0.00295253
chr4	1.77E+08	1.77E+08	1028	881	176650000	0.150255	0.016755461
chr4	1.77E+08	1.77E+08	1016	874	176700000	0.144823	0.020207236
chr4	1.77E+08	1.77E+08	1013	883	176850000	0.125777	0.037443409
chr4	1.77E+08	1.77E+08	1022	871	176900000	0.158279	0.012586609
chr4	1.77E+08	1.77E+08	1060	873	176950000	0.207639	0.001692673
chr4	1.77E+08	1.77E+08	969	834	177100000	0.144078	0.020725606
chr4	1.78E+08	1.78E+08	1017	843	177650000	0.198343	0.002551374
chr4	1.78E+08	1.78E+08	1085	879	177700000	0.231388	0.000554058
chr4	1.78E+08	1.78E+08	1052	888	177750000	0.172131	0.007481562
chr4	1.79E+08	1.79E+08	1013	874	178850000	0.140557	0.023327005
chr4	1.79E+08	1.79E+08	925	784	178900000	0.166228	0.0093765
chr4	1.79E+08	1.79E+08	940	807	178950000	0.14772	0.018297482
chr4	1.79E+08	1.79E+08	1066	880	1.79E+08	0.20426	0.001968351
chr4	1.79E+08	1.79E+08	1031	896	179050000	0.130102	0.032728046
chr4	1.79E+08	1.79E+08	1011	861	179100000	0.159326	0.012115322
chr4	1.79E+08	1.79E+08	984	822	179150000	0.187148	0.004099158
chr4	1.79E+08	1.79E+08	1056	905	179250000	0.150248	0.016759095
chr4	1.79E+08	1.8E+08	1029	862	179500000	0.183111	0.004837418
chr4	1.8E+08	1.8E+08	998	828	179550000	0.197037	0.002699527
chr4	1.8E+08	1.8E+08	980	833	179600000	0.162093	0.01094313
chr4	1.8E+08	1.8E+08	1042	886	179650000	0.161605	0.011142582
chr4	1.8E+08	1.8E+08	928	777	179950000	0.183838	0.004696263
chr4	1.8E+08	1.8E+08	1005	763	1.80E+08	0.325069	2.62E-06
chr4	1.8E+08	1.8E+08	1047	814	180050000	0.290789	2.21E-05
chr4	1.81E+08	1.81E+08	930	780	180650000	0.181385	0.00518798
chr4	1.81E+08	1.81E+08	1079	923	180700000	0.152921	0.015255048
chr4	1.81E+08	1.81E+08	1045	904	180950000	0.136736	0.026457267
chr4	1.81E+08	1.81E+08	1032	899	1.81E+08	0.126678	0.036417501
chr4	1.81E+08	1.81E+08	1040	867	181050000	0.190108	0.003623924
chr4	1.81E+08	1.81E+08	1019	859	181100000	0.174052	0.006942572
chr4	1.81E+08	1.81E+08	982	816	181150000	0.194782	0.002973785
chr4	1.81E+08	1.81E+08	1013	880	181200000	0.130687	0.032129643
chr4	1.84E+08	1.84E+08	1013	861	183600000	0.162177	0.010909245
chr4	1.84E+08	1.84E+08	847	899	183750000	-0.15833	0.012364382
chr4	1.84E+08	1.84E+08	954	1038	183800000	-0.19412	0.002974657

chr4	1.84E+08	1.84E+08	933	1022	183850000	-0.20382	0.001943727
chr4	1.84E+08	1.84E+08	819	847	183900000	-0.12087	0.043122931
chr4	1.84E+08	1.84E+08	867	902	184400000	-0.12947	0.033082633
chr4	1.84E+08	1.85E+08	895	966	184450000	-0.18251	0.004841859
chr4	1.85E+08	1.85E+08	985	860	184550000	0.123415	0.040245036
chr4	1.85E+08	1.85E+08	940	987	185050000	-0.14276	0.02141004
chr4	1.85E+08	1.85E+08	1049	1088	185350000	-0.12504	0.037986546
chr4	1.85E+08	1.86E+08	821	712	185500000	0.133133	0.029724946
chr4	1.86E+08	1.86E+08	994	845	186350000	0.161923	0.011012475
chr4	1.86E+08	1.86E+08	999	837	186400000	0.182885	0.004882095
chr4	1.87E+08	1.87E+08	916	988	187100000	-0.18154	0.005037946
chr4	1.87E+08	1.87E+08	855	897	187150000	-0.14156	0.022300328
chr4	1.87E+08	1.87E+08	855	882	187400000	-0.11723	0.04806524
chr4	1.88E+08	1.88E+08	993	1028	187650000	-0.12235	0.04124187
chr4	1.88E+08	1.88E+08	968	1000	187700000	-0.11929	0.0452093
chr4	1.88E+08	1.88E+08	896	778	187900000	0.131357	0.031455683
chr4	1.88E+08	1.88E+08	1064	932	188200000	0.118725	0.046315858
chr4	1.89E+08	1.89E+08	867	747	189400000	0.142552	0.021820995
chr4	1.9E+08	1.9E+08	911	1000	189600000	-0.20685	0.001695905
chr4	1.9E+08	1.9E+08	965	845	189800000	0.119206	0.045660803
chr4	1.9E+08	1.9E+08	980	851	189950000	0.131251	0.031561508
chr4	1.9E+08	1.9E+08	978	844	1.90E+08	0.14022	0.023590321
chr4	1.91E+08	1.91E+08	1509	1567	190700000	-0.12678	0.035984983
chr4	1.91E+08	1.91E+08	348	389	190950000	-0.23305	0.000486981
chrM	1	100000	8503	9746	50000	-0.26921	7.12E-05
chr2	300001	400000	928	972	350000	-0.1392	0.024127259
chr2	350001	450000	960	1007	4.00E+05	-0.14133	0.022470781
chr2	450001	550000	1072	1112	5.00E+05	-0.12522	0.037767055
chr2	700001	800000	965	1015	750000	-0.14525	0.019666846
chr2	750001	850000	914	992	8.00E+05	-0.19052	0.003468544
chr2	900001	1000000	927	1012	950000	-0.19894	0.002412549
chr2	950001	1050000	942	995	1.00E+06	-0.15134	0.015904108
chr2	1400001	1500000	934	980	1450000	-0.14173	0.022168731
chr2	1450001	1550000	929	1066	1500000	-0.27083	6.50E-05
chr2	1500001	1600000	959	1125	1550000	-0.30269	9.77E-06
chr2	1550001	1650000	1038	1152	1600000	-0.22271	0.000808851
chr2	1600001	1700000	1077	1157	1650000	-0.17574	0.006360407
chr2	1650001	1750000	960	1056	1700000	-0.20988	0.001477547
chr2	1700001	1800000	871	950	1750000	-0.19763	0.002555193
chr2	1750001	1850000	968	1021	1800000	-0.14928	0.017104249
chr2	1900001	2000000	1073	1108	1950000	-0.11868	0.046042037
chr2	1950001	2050000	1006	1083	2.00E+06	-0.17877	0.005634011
chr2	2000001	2100000	965	1004	2050000	-0.12953	0.033016897
chr2	2100001	2200000	985	1084	2150000	-0.21054	0.001433115
chr2	2150001	2250000	955	1010	2200000	-0.15315	0.014910967
chr2	2700001	2800000	1045	1188	2750000	-0.2574	0.000136874
chr2	2750001	2850000	1015	1156	2800000	-0.26003	0.000118591

chr2	2800001	2900000	1067	1209	2850000	-0.25263	0.000177048
chr2	2850001	2950000	1067	1149	2900000	-0.17919	0.005540417
chr2	2950001	3050000	1059	1104	3.00E+06	-0.13241	0.030125085
chr2	3000001	3100000	984	1055	3050000	-0.17288	0.00711986
chr2	3050001	3150000	993	1049	3100000	-0.15152	0.015803268
chr2	3100001	3200000	1012	1154	3150000	-0.26181	0.000107593
chr2	3150001	3250000	982	1102	3200000	-0.2387	0.000366251
chr2	3200001	3300000	992	1077	3250000	-0.19098	0.003401516
chr2	3250001	3350000	1004	1087	3300000	-0.18696	0.004027354
chr2	3350001	3450000	919	968	3400000	-0.14731	0.018315078
chr2	3400001	3500000	1051	1165	3450000	-0.22094	0.000880366
chr2	3450001	3550000	830	880	3500000	-0.15676	0.013092103
chr2	3600001	3700000	915	977	3650000	-0.16696	0.008954498
chr2	3650001	3750000	971	1009	3700000	-0.12775	0.034911807
chr2	3750001	3850000	1000	1043	3800000	-0.13311	0.029453252
chr2	4000001	4100000	1036	1088	4050000	-0.14303	0.021218302
chr2	4300001	4400000	1011	872	4350000	0.141011	0.022976764
chr2	5050001	5150000	235	249	5100000	-0.15586	0.013530158
chr2	6350001	6450000	1100	921	6400000	0.183859	0.004692384
chr2	6500001	6600000	963	995	6550000	-0.11953	0.044887152
chr2	7050001	7150000	1057	1109	7100000	-0.14166	0.022225003
chr2	7100001	7200000	1034	1139	7150000	-0.2119	0.001345957
chr2	7150001	7250000	1077	1146	7200000	-0.16196	0.010812269
chr2	7450001	7550000	986	1022	7500000	-0.12411	0.039085578
chr2	8500001	8600000	1027	1090	8550000	-0.15826	0.012394852
chr2	8550001	8650000	1031	1120	8600000	-0.19183	0.003281047
chr2	8700001	8800000	1073	1204	8750000	-0.23856	0.000368948
chr2	8750001	8850000	1016	1116	8800000	-0.20781	0.001623675
chr2	9900001	10000000	993	1035	9950000	-0.13214	0.030389383
chr2	10100001	10200000	1029	1102	10150000	-0.17125	0.007588486
chr2	10150001	10250000	938	1030	10200000	-0.20736	0.001657349
chr2	10200001	10300000	850	877	10250000	-0.11749	0.047698533
chr2	10250001	10350000	916	972	10300000	-0.15798	0.012524006
chr2	10300001	10400000	1059	1109	10350000	-0.13893	0.024348652
chr2	10400001	10500000	1018	1082	10450000	-0.16033	0.011485155
chr2	10450001	10550000	1019	1156	10500000	-0.25436	0.000161342
chr2	10500001	10600000	1052	1169	10550000	-0.22451	0.000741331
chr2	10550001	10650000	1022	1075	10600000	-0.14531	0.019624629
chr2	10700001	10800000	1046	910	10750000	0.128573	0.034335923
chr2	11000001	11100000	1082	1128	11050000	-0.13244	0.030097078
chr2	11050001	11150000	987	1071	11100000	-0.19021	0.003514278
chr2	11100001	11200000	972	1002	11150000	-0.11623	0.049498002
chr2	11300001	11400000	1003	849	11350000	0.168113	0.00872996
chr2	11350001	11450000	1030	798	11400000	0.295812	1.64E-05
chr2	11400001	11500000	1006	788	11450000	0.279991	4.15E-05
chr2	11500001	11600000	896	999	11550000	-0.22936	0.000585039
chr2	11550001	11650000	903	959	11600000	-0.15918	0.011986426

chr2	11700001	11800000	1015	1066	11750000	-0.1431	0.021165672
chr2	11750001	11850000	1057	1105	11800000	-0.13644	0.026430626
chr2	11800001	11900000	1041	1086	11850000	-0.13343	0.029155803
chr2	11850001	11950000	1000	1055	11900000	-0.14961	0.016902064
chr2	13100001	13200000	1027	891	13150000	0.132567	0.030267707
chr2	13300001	13400000	976	847	13350000	0.132147	0.030675346
chr2	13450001	13550000	799	695	13500000	0.128811	0.034081362
chr2	13550001	13650000	829	719	13600000	0.133009	0.029843748
chr2	13600001	13700000	987	859	13650000	0.12802	0.034932549
chr2	13750001	13850000	976	843	13800000	0.138977	0.024581732
chr2	13900001	14000000	995	846	13950000	0.161667	0.011117102
chr2	13950001	14050000	1022	857	1.40E+07	0.181656	0.005131396
chr2	14000001	14100000	966	830	14050000	0.14654	0.019056067
chr2	14300001	14400000	1011	881	14350000	0.126197	0.03696206
chr2	14450001	14550000	1079	896	14500000	0.195752	0.002852828
chr2	14750001	14850000	1005	1076	14800000	-0.17085	0.007707055
chr2	14800001	14900000	981	1043	14850000	-0.16079	0.011294867
chr2	15550001	15650000	907	955	15600000	-0.14677	0.018663544
chr2	15800001	15900000	1049	1084	15850000	-0.11972	0.044633961
chr2	15850001	15950000	1092	1159	15900000	-0.15828	0.012387701
chr2	16050001	16150000	921	975	16100000	-0.15457	0.014171766
chr2	16100001	16200000	940	991	16150000	-0.1486	0.017515723
chr2	17250001	17350000	1067	935	17300000	0.11815	0.047107474
chr2	17650001	17750000	1065	918	17700000	0.141916	0.022292237
chr2	17700001	17800000	1111	916	17750000	0.206068	0.001816175
chr2	17750001	17850000	1127	956	17800000	0.165033	0.00980761
chr2	18100001	18200000	949	799	18150000	0.175841	0.006471938
chr2	18850001	18950000	1020	891	18900000	0.1227	0.041126447
chr2	18900001	19000000	1095	959	18950000	0.118956	0.045999363
chr2	19050001	19150000	1012	842	19100000	0.192945	0.003215505
chr2	19150001	19250000	653	683	19200000	-0.13717	0.025802933
chr2	19950001	20050000	1108	1142	2.00E+07	-0.11598	0.0498608
chr2	20250001	20350000	949	1110	20300000	-0.29845	1.27E-05
chr2	20300001	20400000	1082	1242	20350000	-0.27134	6.31E-05
chr2	20350001	20450000	1086	1184	20400000	-0.19702	0.002623993
chr2	20400001	20500000	995	1052	20450000	-0.15274	0.015134176
chr2	20650001	20750000	982	1026	20700000	-0.13561	0.027162789
chr2	20750001	20850000	1146	1204	20800000	-0.1436	0.020808469
chr2	20800001	20900000	1093	1212	20850000	-0.22147	0.000858367
chr2	20850001	20950000	987	1044	20900000	-0.15337	0.014795733
chr2	21000001	21100000	1039	911	21050000	0.117301	0.048297766
chr2	21200001	21300000	1077	1116	21250000	-0.12369	0.039587523
chr2	21500001	21600000	958	1008	21550000	-0.14577	0.019318939
chr2	21750001	21850000	1010	861	21800000	0.157898	0.012761703
chr2	22250001	22350000	1018	873	22300000	0.149312	0.017315298
chr2	22400001	22500000	996	869	22450000	0.124418	0.039035623
chr2	23250001	23350000	1033	1065	23300000	-0.11638	0.049268087

chr2	23550001	23650000	1090	1150	23600000	-0.14968	0.016864887
chr2	23600001	23700000	1070	1159	23650000	-0.18764	0.003915014
chr2	23650001	23750000	1054	1149	23700000	-0.19688	0.002640143
chr2	23700001	23800000	1118	1278	23750000	-0.26534	8.85E-05
chr2	23750001	23850000	1109	1192	23800000	-0.1765	0.006172355
chr2	23800001	23900000	1084	1153	23850000	-0.1614	0.011040471
chr2	23850001	23950000	1088	1180	23900000	-0.18948	0.003624039
chr2	23900001	24000000	959	1006	23950000	-0.1414	0.022417753
chr2	24000001	24100000	934	800	24050000	0.151051	0.016294619
chr2	24050001	24150000	861	741	24100000	0.144168	0.02066218
chr2	24650001	24750000	919	771	24700000	0.180962	0.005277164
chr2	24700001	24800000	972	798	24750000	0.212196	0.001376647
chr2	24800001	24900000	1025	897	24850000	0.120072	0.044500477
chr2	24850001	24950000	1012	844	24900000	0.189523	0.003713759
chr2	24900001	25000000	1038	808	24950000	0.289007	2.46E-05
chr2	24950001	25050000	939	796	2.50E+07	0.165985	0.009462807
chr2	25450001	25550000	1033	1105	25500000	-0.16958	0.00809776
chr2	25500001	25600000	1017	1140	25550000	-0.23709	0.00039758
chr2	26100001	26200000	807	843	26150000	-0.13534	0.027404727
chr2	26650001	26750000	1150	1233	26700000	-0.17291	0.007112559
chr2	26850001	26950000	1100	1156	26900000	-0.14401	0.02052009
chr2	27300001	27400000	984	1027	27350000	-0.13408	0.028547906
chr2	27850001	27950000	985	858	27900000	0.126774	0.036309438
chr2	28300001	28400000	1051	896	28350000	0.15782	0.012797919
chr2	28350001	28450000	1065	908	28400000	0.157717	0.012845715
chr2	28550001	28650000	969	1106	28600000	-0.26315	9.99E-05
chr2	28600001	28700000	1017	1075	28650000	-0.15239	0.015323636
chr2	28750001	28850000	1023	1057	28800000	-0.11954	0.044875756
chr2	28900001	29000000	864	970	28950000	-0.23933	0.000354773
chr2	28950001	29050000	837	914	2.90E+07	-0.19934	0.002370716
chr2	29200001	29300000	1128	1168	29250000	-0.12264	0.040869628
chr2	29500001	29600000	1091	1155	29550000	-0.15461	0.014151037
chr2	29550001	29650000	1053	1139	29600000	-0.18563	0.004256539
chr2	29600001	29700000	1018	1083	29650000	-0.16167	0.010930974
chr2	30350001	30450000	983	1057	30400000	-0.17708	0.006029393
chr2	30850001	30950000	1022	1061	30900000	-0.1264	0.036415748
chr2	30900001	31000000	1040	1139	30950000	-0.20356	0.001966628
chr2	30950001	31050000	1059	1099	3.10E+07	-0.12586	0.03703117
chr2	31050001	31150000	948	1012	31100000	-0.16662	0.009070138
chr2	31100001	31200000	1107	1175	31150000	-0.15838	0.012343385
chr2	31150001	31250000	1166	1238	31200000	-0.15882	0.012146654
chr2	31300001	31400000	1087	1161	31350000	-0.16739	0.008808874
chr2	31350001	31450000	1078	1125	31400000	-0.13394	0.028675824
chr2	31400001	31500000	1008	1132	31450000	-0.23975	0.000347152
chr2	31450001	31550000	1005	1091	31500000	-0.19083	0.003423322
chr2	32250001	32350000	744	649	32300000	0.124712	0.038685945
chr2	32550001	32650000	878	731	32600000	0.191978	0.003349857

chr2	32600001	32700000	929	815	32650000	0.116507	0.049432629
chr2	32700001	32800000	965	828	32750000	0.148526	0.017794341
chr2	32900001	33000000	991	856	32950000	0.138902	0.024642055
chr2	33550001	33650000	1000	872	33600000	0.125228	0.038079817
chr2	33600001	33700000	986	805	33650000	0.220227	0.000948004
chr2	33950001	34050000	957	825	3.40E+07	0.141753	0.02241399
chr2	34250001	34350000	1071	885	34300000	0.202837	0.002096236
chr2	34400001	34500000	1072	903	34450000	0.175135	0.006654106
chr2	34600001	34700000	1011	853	34650000	0.172794	0.007291706
chr2	34650001	34750000	905	792	34700000	0.120046	0.044535818
chr2	34950001	35050000	938	808	3.50E+07	0.142861	0.02159533
chr2	35000001	35100000	942	810	35050000	0.145433	0.019791615
chr2	35050001	35150000	1027	895	35100000	0.126105	0.037067549
chr2	35250001	35350000	989	866	35300000	0.119232	0.045625774
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chr2	35400001	35500000	974	833	35450000	0.153234	0.015086748
chr2	35600001	35700000	991	860	35650000	0.132177	0.030646817
chr2	35650001	35750000	965	805	35700000	0.189168	0.003769102
chr2	35800001	35900000	1102	940	35850000	0.15702	0.013174187
chr2	35850001	35950000	1088	913	35900000	0.18062	0.005350384
chr2	36250001	36350000	787	839	36300000	-0.16468	0.009763913
chr2	37050001	37150000	908	785	37100000	0.137628	0.025697103
chr2	38550001	38650000	865	753	38600000	0.127678	0.035305814
chr2	38650001	38750000	901	951	38700000	-0.15029	0.016505539
chr2	38700001	38800000	900	973	38750000	-0.18489	0.004390383
chr2	38800001	38900000	945	816	38850000	0.139373	0.0242616
chr2	38850001	38950000	845	738	38900000	0.122959	0.040805839
chr2	39050001	39150000	944	820	39100000	0.130791	0.032024017
chr2	39100001	39200000	1010	879	39150000	0.128048	0.034901813
chr2	39350001	39450000	925	787	39400000	0.160718	0.011512772
chr2	39400001	39500000	972	831	39450000	0.153736	0.014819842
chr2	39450001	39550000	984	834	39500000	0.166239	0.009372531
chr2	39500001	39600000	1008	866	39550000	0.146685	0.01896154
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chr2	40300001	40400000	984	1025	40350000	-0.13127	0.031247765
chr2	40750001	40850000	1091	952	40800000	0.124246	0.039240917
chr2	40800001	40900000	1093	942	40850000	0.142123	0.022137968
chr2	40850001	40950000	1027	869	40900000	0.168636	0.008557728
chr2	40900001	41000000	1000	865	40950000	0.136856	0.026354106
chr2	41050001	41150000	1076	903	41100000	0.180508	0.005374459
chr2	41100001	41200000	1078	903	41150000	0.183188	0.004822471
chr2	41300001	41400000	943	806	41350000	0.154106	0.014625901
chr2	41700001	41800000	1009	881	41750000	0.12334	0.040336504
chr2	42500001	42600000	910	959	42550000	-0.14804	0.017861135
chr2	42550001	42650000	909	965	42600000	-0.15862	0.012233848
chr2	42600001	42700000	907	788	42650000	0.130535	0.032284055

chr2	42650001	42750000	879	711	42700000	0.233642	0.000495808
chr2	43300001	43400000	1062	1108	43350000	-0.13355	0.029043029
chr2	43350001	43450000	1010	1075	43400000	-0.16235	0.010655049
chr2	43600001	43700000	1083	926	43650000	0.153577	0.014903679
chr2	43650001	43750000	1032	875	43700000	0.165716	0.009559052
chr2	43800001	43900000	937	803	43850000	0.150277	0.016742157
chr2	44250001	44350000	909	786	44300000	0.137379	0.025907292
chr2	44300001	44400000	962	829	44350000	0.142293	0.022011726
chr2	44350001	44450000	964	843	44400000	0.121129	0.043117984
chr2	44700001	44800000	997	867	44750000	0.12919	0.033679429
chr2	45000001	45100000	990	1039	45050000	-0.14207	0.021918787
chr2	45100001	45200000	1077	1113	45150000	-0.11981	0.044520328
chr2	45150001	45250000	1056	1150	45200000	-0.1954	0.002815104
chr2	46550001	46650000	1099	1187	46600000	-0.1835	0.004648611
chr2	46650001	46750000	954	1027	46700000	-0.17875	0.005640349
chr2	46700001	46800000	960	1014	46750000	-0.15132	0.015914315
chr2	47050001	47150000	1088	1133	47100000	-0.13084	0.031673005
chr2	47100001	47200000	994	1078	47150000	-0.18941	0.00363458
chr2	47150001	47250000	1024	1069	47200000	-0.13442	0.028234923
chr2	47750001	47850000	985	1035	47800000	-0.14381	0.020662425
chr2	48100001	48200000	927	790	48150000	0.158345	0.012556393
chr2	48150001	48250000	876	755	48200000	0.142082	0.022167855
chr2	48400001	48500000	1073	898	48450000	0.184491	0.004572721
chr2	49000001	49100000	973	1016	49050000	-0.13476	0.02792265
chr2	49150001	49250000	948	1016	49200000	-0.17231	0.00728097
chr2	49550001	49650000	1044	907	49600000	0.130575	0.032242972
chr2	49600001	49700000	1016	831	49650000	0.217608	0.001071954
chr2	49650001	49750000	922	807	49700000	0.119826	0.044827398
chr2	50200001	50300000	1049	860	50250000	0.214234	0.00125361
chr2	50250001	50350000	1032	901	50300000	0.123472	0.04017559
chr2	50350001	50450000	1055	925	50400000	0.117346	0.048234045
chr2	50400001	50500000	1064	928	50450000	0.12493	0.038429648
chr2	50900001	51000000	1087	952	50950000	0.118947	0.046012552
chr2	51250001	51350000	1114	975	51300000	0.119903	0.044724795
chr2	51350001	51450000	1021	858	51400000	0.178562	0.005810258
chr2	51400001	51500000	1025	888	51450000	0.134621	0.028337513
chr2	51600001	51700000	985	829	51650000	0.17638	0.006335764
chr2	51750001	51850000	948	824	51800000	0.129871	0.032966817
chr2	52050001	52150000	961	842	52100000	0.118344	0.046838492
chr2	52100001	52200000	997	873	52150000	0.11924	0.045614476
chr2	52650001	52750000	1033	903	52700000	0.121671	0.04242257
chr2	52700001	52800000	855	724	52750000	0.167563	0.008914527
chr2	53250001	53350000	975	840	53300000	0.142641	0.021755666
chr2	53300001	53400000	988	849	53350000	0.146375	0.019164469
chr2	53950001	54050000	914	961	5.40E+07	-0.14471	0.020032013
chr2	54200001	54300000	892	775	54250000	0.130476	0.032344758
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chr2	54750001	54850000	1061	1095	54800000	-0.11788	0.047149111
chr2	55500001	55600000	996	825	55550000	0.19938	0.002439095
chr2	55550001	55650000	1005	816	55600000	0.228183	0.000647905
chr2	56150001	56250000	1076	925	56200000	0.145781	0.01955799
chr2	56200001	56300000	1016	885	56250000	0.126779	0.036303864
chr2	56700001	56800000	983	852	56750000	0.133966	0.028941089
chr2	56750001	56850000	961	780	56800000	0.228691	0.000632116
chr2	56800001	56900000	898	742	56850000	0.202924	0.002088192
chr2	57000001	57100000	955	825	57050000	0.138735	0.024778705
chr2	57400001	57500000	919	739	57450000	0.242119	0.000323911
chr2	57450001	57550000	844	695	57500000	0.207858	0.00167606
chr2	57550001	57650000	971	829	57600000	0.155727	0.013801928
chr2	57600001	57700000	978	849	57650000	0.131698	0.031116783
chr2	58250001	58350000	1008	858	58300000	0.160074	0.011788083
chr2	58300001	58400000	960	825	58350000	0.146269	0.019234364
chr2	58500001	58600000	950	805	58550000	0.166567	0.009257236
chr2	58600001	58700000	959	993	58650000	-0.12263	0.040882429
chr2	58900001	59000000	1019	889	58950000	0.124527	0.038905742
chr2	59050001	59150000	1090	955	59100000	0.118384	0.046784236
chr2	59850001	59950000	1064	925	59900000	0.129601	0.033247591
chr2	60600001	60700000	941	1000	60650000	-0.16011	0.011583043
chr2	60650001	60750000	1045	1098	60700000	-0.14375	0.020704728
chr2	60900001	61000000	913	798	60950000	0.121854	0.042188818
chr2	61050001	61150000	954	830	61100000	0.128506	0.034407262
chr2	61100001	61200000	920	785	61150000	0.156569	0.013390068
chr2	61150001	61250000	942	809	61200000	0.147216	0.018618672
chr2	61200001	61300000	912	787	61250000	0.140298	0.023528683
chr2	61250001	61350000	896	766	61300000	0.153783	0.014795352
chr2	61350001	61450000	897	928	61400000	-0.12139	0.042454685
chr2	61500001	61600000	969	845	61550000	0.125174	0.038143648
chr2	61550001	61650000	952	777	61600000	0.220675	0.000928169
chr2	61800001	61900000	838	730	61850000	0.126682	0.03641319
chr2	62550001	62650000	876	904	62600000	-0.11776	0.047308713
chr2	63800001	63900000	1019	893	63850000	0.11805	0.04724631
chr2	64200001	64300000	964	815	64250000	0.169861	0.008165947
chr2	64350001	64450000	1038	906	64400000	0.123852	0.039714833
chr2	64400001	64500000	983	854	64450000	0.130584	0.032234737
chr2	64850001	64950000	964	1018	64900000	-0.151	0.016094803
chr2	65400001	65500000	849	741	65450000	0.123919	0.039633312
chr2	66750001	66850000	851	890	66800000	-0.13702	0.025936045
chr2	66850001	66950000	962	823	66900000	0.152773	0.015335116
chr2	67000001	67100000	1074	925	67050000	0.143097	0.021424179
chr2	67050001	67150000	1061	905	67100000	0.157063	0.013153545
chr2	67150001	67250000	1120	950	67200000	0.165128	0.009772954
chr2	67200001	67300000	1124	909	67250000	0.233918	0.000489074
chr2	67250001	67350000	1094	874	67300000	0.251536	0.000198922
chr2	67300001	67400000	1037	853	67350000	0.209426	0.001561542

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chr2	67500001	67600000	922	797	67550000	0.137815	0.025539659
chr2	67600001	67700000	1052	920	67650000	0.121057	0.043210534
chr2	68550001	68650000	970	814	68600000	0.180584	0.005358105
chr2	68600001	68700000	986	852	68650000	0.138362	0.025084531
chr2	69100001	69200000	985	1058	69150000	-0.17552	0.006417892
chr2	69250001	69350000	1066	1101	69300000	-0.11898	0.045634181
chr2	69300001	69400000	1059	1094	69350000	-0.11928	0.045223993
chr2	69900001	70000000	989	858	69950000	0.132621	0.030215556
chr2	70250001	70350000	926	809	70300000	0.122501	0.041374857
chr2	70800001	70900000	1079	940	70850000	0.12659	0.036516374
chr2	71150001	71250000	977	1027	71200000	-0.14438	0.020263966
chr2	71200001	71300000	653	763	71250000	-0.29697	1.39E-05
chr2	71250001	71350000	621	668	71300000	-0.17763	0.005899867
chr2	71500001	71600000	876	911	71550000	-0.12889	0.033688058
chr2	71700001	71800000	1042	1117	71750000	-0.17265	0.00718683
chr2	71750001	71850000	1119	1270	71800000	-0.25499	0.000155955
chr2	71800001	71900000	1129	1286	71850000	-0.26022	0.000117405
chr2	71850001	71950000	1101	1196	71900000	-0.19177	0.003288248
chr2	71900001	72000000	1079	1124	71950000	-0.13132	0.031194513
chr2	71950001	72050000	1096	1167	7.20E+07	-0.16293	0.010428217
chr2	72000001	72100000	1168	1206	72050000	-0.11856	0.046203916
chr2	72150001	72250000	1087	950	72200000	0.121981	0.042028621
chr2	72550001	72650000	993	851	72600000	0.150263	0.016750632
chr2	72700001	72800000	1038	902	72750000	0.130235	0.032590786
chr2	73050001	73150000	984	1044	73100000	-0.15776	0.012623848
chr2	73100001	73200000	1082	1205	73150000	-0.2277	0.000634561
chr2	73250001	73350000	991	1099	73300000	-0.22161	0.000852707
chr2	73300001	73400000	938	993	73350000	-0.15458	0.014169353
chr2	73400001	73500000	950	996	73450000	-0.14059	0.023035478
chr2	73650001	73750000	844	877	73700000	-0.12771	0.03496549
chr2	73850001	73950000	595	630	73900000	-0.15483	0.014039201
chr2	74600001	74700000	981	1040	74650000	-0.15663	0.01315588
chr2	74650001	74750000	938	1053	74700000	-0.23922	0.000356732
chr2	74700001	74800000	997	1128	74750000	-0.25047	0.000198549
chr2	74750001	74850000	1048	1086	74800000	-0.12376	0.039506969
chr2	75450001	75550000	1122	958	75500000	0.155603	0.013863537
chr2	75500001	75600000	1055	920	75550000	0.125165	0.038153109
chr2	76650001	76750000	1034	856	76700000	0.200182	0.002355331
chr2	76700001	76800000	1021	852	76750000	0.188686	0.0038457
chr2	76750001	76850000	967	838	76800000	0.134194	0.028729887
chr2	76850001	76950000	974	852	76900000	0.120697	0.043679243
chr2	76900001	77000000	978	851	76950000	0.128304	0.034625449
chr2	77050001	77150000	967	836	77100000	0.137641	0.025685898
chr2	77300001	77400000	872	734	77350000	0.176176	0.006386884
chr2	77350001	77450000	867	760	77400000	0.117661	0.047790426
chr2	77400001	77500000	982	828	77450000	0.17372	0.007033129

chr2	77450001	77550000	1026	860	77500000	0.18225	0.005009499
chr2	77600001	77700000	1059	925	77650000	0.122806	0.040995454
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chr2	77800001	77900000	904	771	77850000	0.15722	0.013079121
chr2	77850001	77950000	829	713	77900000	0.145098	0.020019066
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chr2	78150001	78250000	1024	861	78200000	0.177759	0.005998924
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chr2	78400001	78500000	1051	880	78450000	0.183815	0.004700665
chr2	78450001	78550000	962	842	78500000	0.119845	0.044802628
chr2	78500001	78600000	980	855	78550000	0.124486	0.038954956
chr2	78700001	78800000	1000	846	78750000	0.168899	0.008472462
chr2	78750001	78850000	1045	866	78800000	0.198692	0.002513069
chr2	80350001	80450000	1027	863	80400000	0.178632	0.005793965
chr2	80450001	80550000	1007	1133	80500000	-0.24246	0.000302085
chr2	80500001	80600000	1003	1104	80550000	-0.21079	0.001416781
chr2	80750001	80850000	1057	923	80800000	0.123201	0.040507417
chr2	80900001	81000000	1033	891	80950000	0.140971	0.023007475
chr2	81200001	81300000	1033	893	81250000	0.137736	0.025605814
chr2	81250001	81350000	1048	904	81300000	0.140872	0.023083466
chr2	81500001	81600000	939	783	81550000	0.189741	0.003679993
chr2	81550001	81650000	996	769	81600000	0.30079	1.21E-05
chr2	81600001	81700000	1078	909	81650000	0.173633	0.007057125
chr2	82100001	82200000	948	797	82150000	0.177936	0.005956918
chr2	82150001	82250000	977	810	82200000	0.198065	0.00258233
chr2	82200001	82300000	1026	883	82250000	0.144174	0.020658192
chr2	82800001	82900000	1096	929	82850000	0.166126	0.009412793
chr2	82850001	82950000	1104	893	82900000	0.233636	0.000495944
chr2	82900001	83000000	1021	875	82950000	0.150256	0.016754522
chr2	83400001	83500000	1015	860	83450000	0.166699	0.009211011
chr2	83500001	83600000	915	799	83550000	0.123204	0.040503222
chr2	84000001	84100000	888	768	84050000	0.137082	0.026160758
chr2	84050001	84150000	988	842	84100000	0.158319	0.012568212
chr2	85000001	85100000	964	1050	85050000	-0.19566	0.002783596
chr2	85050001	85150000	936	1004	85100000	-0.17355	0.006936028
chr2	85400001	85500000	996	1033	85450000	-0.12499	0.038034869
chr2	85450001	85550000	951	993	85500000	-0.13472	0.027959251
chr2	85700001	85800000	900	789	85750000	0.117528	0.047977244
chr2	85900001	86000000	1038	1185	85950000	-0.26345	9.82E-05
chr2	85950001	86050000	1128	1220	8.60E+07	-0.18549	0.004282786
chr2	86050001	86150000	958	998	86100000	-0.13139	0.031127918
chr2	86250001	86350000	1022	1067	86300000	-0.13454	0.028126258
chr2	87100001	87200000	69	35	87150000	0.90687	1.13E-32
chr2	87150001	87250000	9	12	87200000	-0.48741	5.63E-12
chr2	87200001	87300000	7	14	87250000	-1.07237	8.26E-44

chr2	87250001	87350000	25	42	87300000	-0.82083	1.71E-28
chr2	87300001	87400000	39	55	87350000	-0.56833	1.96E-15
chr2	87350001	87450000	34	39	87400000	-0.27031	6.69E-05
chr2	87400001	87500000	30	33	87450000	-0.20988	0.001477547
chr2	87450001	87550000	35	38	87500000	-0.19102	0.003395995
chr2	87500001	87600000	40	53	87550000	-0.47836	1.29E-11
chr2	87550001	87650000	108	130	87600000	-0.33985	8.57E-07
chr2	87600001	87700000	93	105	87650000	-0.24746	0.000232804
chr2	87650001	87750000	14	17	87700000	-0.35248	3.55E-07
chr2	87700001	87800000	27	22	87750000	0.223084	0.00082794
chr2	87750001	87850000	30	19	87800000	0.586591	5.41E-16
chr2	87800001	87900000	24	12	87850000	0.927628	7.06E-34
chr2	87850001	87950000	20	16	87900000	0.249556	0.000220671
chr2	87900001	88000000	17	19	87950000	-0.23284	0.000492315
chr2	87950001	88050000	20	15	8.80E+07	0.342666	8.12E-07
chr2	88000001	88100000	11	7	88050000	0.579705	1.10E-15
chr2	88050001	88150000	12	17	88100000	-0.57487	9.89E-16
chr2	88100001	88200000	22	37	88150000	-0.82239	1.40E-28
chr2	88150001	88250000	20	30	88200000	-0.65733	1.11E-19
chr2	88200001	88300000	52	60	88250000	-0.27882	4.11E-05
chr2	89150001	89250000	915	944	89200000	-0.11739	0.047837862
chr2	89200001	89300000	643	701	89250000	-0.19697	0.002629625
chr2	89300001	89400000	100	85	89350000	0.162093	0.01094313
chr2	89500001	89600000	39	34	89550000	0.125568	0.037685231
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chr2	89600001	89700000	2	6	89650000	-1.65733	2.87E-81
chr2	89750001	89850000	446	492	89800000	-0.21399	0.001222053
chr2	89800001	89900000	2123	2489	89850000	-0.30183	1.03E-05
chr2	89850001	89950000	1686	2004	89900000	-0.32165	2.91E-06
chr2	89950001	90050000	58	63	9.00E+07	-0.19167	0.003302837
chr2	90000001	90100000	89	74	90050000	0.193908	0.003086654
chr2	90100001	90200000	213	240	90150000	-0.24455	0.000270984
chr2	90150001	90250000	222	177	90200000	0.254439	0.000170636
chr2	90200001	90300000	240	182	90250000	0.326724	2.35E-06
chr2	90250001	90350000	31	23	90300000	0.358263	2.76E-07
chr2	90300001	90400000	26	30	90350000	-0.27882	4.11E-05
chr2	90350001	90450000	57	73	90400000	-0.42931	9.39E-10
chr2	90400001	90500000	152	184	90450000	-0.34801	4.86E-07
chr2	90450001	90550000	121	141	90500000	-0.29306	1.77E-05
chr2	91500001	91600000	5	7	91550000	-0.5578	5.82E-15
chr2	91550001	91650000	24	46	91600000	-1.01097	6.19E-40
chr2	91600001	91700000	86	150	91650000	-0.87493	1.22E-31
chr2	91650001	91750000	94	146	91700000	-0.70761	2.91E-22
chr2	91900001	92000000	263	300	91950000	-0.26227	0.000104866
chr2	91950001	92050000	127	158	9.20E+07	-0.38747	2.68E-08
chr2	92100001	92200000	136	115	92150000	0.169601	0.008247847
chr2	92150001	92250000	86	68	92200000	0.26643	8.92E-05

chr2	95250001	95350000	24	11	95300000	1.053159	2.42E-41
chr2	95350001	95450000	249	281	95400000	-0.2468	0.000241035
chr2	95400001	95500000	285	299	95450000	-0.14156	0.022300328
chr2	95600001	95700000	994	1053	95650000	-0.15556	0.01367645
chr2	95650001	95750000	1113	1157	95700000	-0.12831	0.034312988
chr2	95900001	96000000	931	1139	95950000	-0.36329	1.63E-07
chr2	95950001	96050000	1058	1282	9.60E+07	-0.34943	4.40E-07
chr2	96000001	96100000	752	847	96050000	-0.244	0.000278863
chr2	96050001	96150000	220	261	96100000	-0.31892	3.48E-06
chr2	96200001	96300000	392	339	96250000	0.137197	0.026062559
chr2	96300001	96400000	359	390	96350000	-0.19186	0.003276037
chr2	96350001	96450000	364	408	96400000	-0.237	0.000399265
chr2	96400001	96500000	195	227	96450000	-0.29159	1.93E-05
chr2	96500001	96600000	140	112	96550000	0.249556	0.000220671
chr2	96550001	96650000	129	98	96600000	0.324146	2.78E-06
chr2	96700001	96800000	710	806	96750000	-0.25533	0.000153104
chr2	96750001	96850000	1029	1166	96800000	-0.2527	0.00017638
chr2	97000001	97100000	838	892	97050000	-0.16247	0.010610522
chr2	97050001	97150000	755	816	97100000	-0.18446	0.004467652
chr2	97100001	97200000	866	942	97150000	-0.19373	0.0030243
chr2	97150001	97250000	998	1134	97200000	-0.25668	0.000142347
chr2	97200001	97300000	982	1013	97250000	-0.11721	0.048086472
chr2	97500001	97600000	997	1092	97550000	-0.20368	0.001955826
chr2	97550001	97650000	967	1092	97600000	-0.24776	0.000229183
chr2	97600001	97700000	720	801	97650000	-0.22618	0.000683728
chr2	97650001	97750000	312	354	97700000	-0.25458	0.000159479
chr2	97750001	97850000	150	128	97800000	0.156447	0.013449326
chr2	97800001	97900000	154	103	97850000	0.507914	1.25E-12
chr2	97850001	97950000	69	40	97900000	0.714225	3.85E-22
chr2	97900001	98000000	5	4	97950000	0.249556	0.000220671
chr2	98050001	98150000	14	5	98100000	1.413055	1.74E-63
chr2	98150001	98250000	78	83	98200000	-0.16201	0.01079277
chr2	99000001	99100000	998	1045	99050000	-0.13876	0.024482887
chr2	99050001	99150000	1036	1078	99100000	-0.1297	0.032835067
chr2	99100001	99200000	1098	1134	99150000	-0.11891	0.045721775
chr2	99150001	99250000	1050	1094	99200000	-0.1316	0.030920656
chr2	99550001	99650000	760	786	99600000	-0.1209	0.043082237
chr2	99600001	99700000	741	765	99650000	-0.11836	0.046483656
chr2	99850001	99950000	864	709	99900000	0.212874	0.001334541
chr2	1E+08	1E+08	985	857	100150000	0.128457	0.034460369
chr2	1E+08	1.01E+08	1122	981	100450000	0.121376	0.042799689
chr2	1.01E+08	1.01E+08	1121	978	101400000	0.124508	0.038928108
chr2	1.01E+08	1.02E+08	1073	1121	101500000	-0.13551	0.027251224
chr2	1.02E+08	1.02E+08	1017	1079	101550000	-0.15775	0.012631371
chr2	1.02E+08	1.02E+08	997	1051	101600000	-0.14847	0.017593573
chr2	1.02E+08	1.02E+08	913	942	102050000	-0.11748	0.047701068
chr2	1.04E+08	1.04E+08	976	855	104050000	0.118585	0.046507211

chr2	1.04E+08	1.04E+08	989	864	104200000	0.122567	0.041291573
chr2	1.04E+08	1.04E+08	1083	928	104250000	0.150465	0.016632729
chr2	1.04E+08	1.04E+08	1062	871	104300000	0.213667	0.001286775
chr2	1.04E+08	1.04E+08	1046	892	104350000	0.157395	0.01299642
chr2	1.05E+08	1.05E+08	1071	927	104750000	0.135945	0.027147562
chr2	1.05E+08	1.06E+08	1028	1069	105450000	-0.12879	0.033792737
chr2	1.05E+08	1.06E+08	1043	1096	105500000	-0.14388	0.020610725
chr2	1.06E+08	1.06E+08	934	979	105800000	-0.14026	0.023292931
chr2	1.06E+08	1.06E+08	913	961	105850000	-0.14629	0.018973475
chr2	1.06E+08	1.06E+08	1018	1092	106200000	-0.17361	0.00692064
chr2	1.06E+08	1.06E+08	983	1072	106250000	-0.19741	0.002579059
chr2	1.06E+08	1.06E+08	1013	1046	106300000	-0.11862	0.046122976
chr2	1.06E+08	1.07E+08	1007	1052	106500000	-0.13544	0.027309228
chr2	1.07E+08	1.07E+08	37	31	107050000	0.182885	0.004882095
chr2	1.07E+08	1.07E+08	219	192	107100000	0.117453	0.048083151
chr2	1.07E+08	1.07E+08	1035	1073	107200000	-0.12439	0.038747
chr2	1.07E+08	1.07E+08	996	1053	107350000	-0.15266	0.01517657
chr2	1.07E+08	1.08E+08	971	1039	107500000	-0.17002	0.007959202
chr2	1.08E+08	1.08E+08	921	953	107550000	-0.12165	0.042124887
chr2	1.08E+08	1.08E+08	1013	885	107900000	0.122513	0.041359464
chr2	1.08E+08	1.08E+08	1082	917	1.08E+08	0.166335	0.009338661
chr2	1.08E+08	1.08E+08	929	801	108400000	0.141505	0.022601154
chr2	1.08E+08	1.09E+08	436	361	108450000	0.199958	0.002378483
chr2	1.09E+08	1.09E+08	378	390	109300000	-0.11746	0.047735293
chr2	1.09E+08	1.09E+08	635	557	109400000	0.116707	0.049143789
chr2	1.1E+08	1.1E+08	921	969	109750000	-0.14567	0.01938725
chr2	1.1E+08	1.1E+08	1075	1139	109800000	-0.1558	0.013556578
chr2	1.1E+08	1.1E+08	1086	1157	110050000	-0.16374	0.010116815
chr2	1.1E+08	1.1E+08	630	725	110100000	-0.275	5.12E-05
chr2	1.1E+08	1.1E+08	107	144	110150000	-0.50083	1.60E-12
chr2	1.1E+08	1.11E+08	405	343	110500000	0.167342	0.008989726
chr2	1.11E+08	1.11E+08	5	4	110550000	0.249556	0.000220671
chr2	1.11E+08	1.11E+08	4	5	110750000	-0.3943	1.58E-08
chr2	1.11E+08	1.11E+08	10	7	110800000	0.442201	4.22E-10
chr2	1.11E+08	1.11E+08	284	310	1.11E+08	-0.19875	0.00243281
chr2	1.11E+08	1.11E+08	11	13	111050000	-0.31338	4.97E-06
chr2	1.11E+08	1.11E+08	9	11	111100000	-0.36188	1.81E-07
chr2	1.11E+08	1.11E+08	12	4	111150000	1.512591	1.57E-69
chr2	1.11E+08	1.11E+08	7	2	111200000	1.734983	1.52E-82
chr2	1.11E+08	1.11E+08	0	1	111300000	#NAME?	1.59E-189
chr2	1.11E+08	1.11E+08	557	587	111400000	-0.14805	0.01784938
chr2	1.11E+08	1.12E+08	1003	1063	111450000	-0.15619	0.013366941
chr2	1.12E+08	1.12E+08	1007	1056	111650000	-0.14092	0.022783487
chr2	1.12E+08	1.12E+08	155	134	112050000	0.137663	0.025667152
chr2	1.12E+08	1.12E+08	36	22	112100000	0.638122	2.22E-18
chr2	1.12E+08	1.12E+08	45	26	112150000	0.719042	2.18E-22
chr2	1.12E+08	1.12E+08	36	28	112200000	0.290198	2.29E-05

chr2	1.13E+08	1.13E+08	56	46	112550000	0.211421	0.001426231
chr2	1.13E+08	1.13E+08	144	169	112600000	-0.30333	9.39E-06
chr2	1.13E+08	1.13E+08	993	862	112750000	0.131734	0.031081279
chr2	1.14E+08	1.14E+08	997	1088	113950000	-0.19838	0.002471916
chr2	1.14E+08	1.14E+08	1013	1156	1.14E+08	-0.26288	0.000101407
chr2	1.14E+08	1.14E+08	698	817	114050000	-0.29948	1.19E-05
chr2	1.14E+08	1.14E+08	435	479	114100000	-0.21138	0.001378716
chr2	1.14E+08	1.14E+08	39	34	114250000	0.125568	0.037685231
chr2	1.14E+08	1.14E+08	67	79	114350000	-0.31006	6.14E-06
chr2	1.14E+08	1.14E+08	236	255	114400000	-0.18408	0.004538617
chr2	1.15E+08	1.15E+08	941	816	114600000	0.133254	0.029610388
chr2	1.15E+08	1.15E+08	976	842	114650000	0.140689	0.023224762
chr2	1.15E+08	1.15E+08	949	813	115100000	0.150781	0.016449551
chr2	1.15E+08	1.15E+08	964	833	115150000	0.138345	0.025099034
chr2	1.15E+08	1.15E+08	1034	904	115250000	0.12147	0.042679279
chr2	1.16E+08	1.16E+08	1056	925	115850000	0.118713	0.046331912
chr2	1.16E+08	1.16E+08	983	819	116100000	0.190956	0.003497176
chr2	1.17E+08	1.17E+08	969	824	116550000	0.161481	0.011193847
chr2	1.17E+08	1.17E+08	948	808	116900000	0.15816	0.012641066
chr2	1.17E+08	1.17E+08	989	863	117300000	0.124238	0.039250085
chr2	1.17E+08	1.17E+08	936	766	117350000	0.216792	0.001113514
chr2	1.18E+08	1.18E+08	970	821	117600000	0.168231	0.008691039
chr2	1.18E+08	1.18E+08	976	803	117650000	0.209109	0.001584103
chr2	1.18E+08	1.18E+08	1001	863	117700000	0.141638	0.022500681
chr2	1.18E+08	1.18E+08	884	918	118400000	-0.12682	0.03594536
chr2	1.19E+08	1.19E+08	799	887	118600000	-0.22311	0.000793259
chr2	1.19E+08	1.19E+08	747	814	118650000	-0.19629	0.002707902
chr2	1.19E+08	1.19E+08	857	909	118700000	-0.15736	0.012812498
chr2	1.19E+08	1.2E+08	1065	1136	119500000	-0.16548	0.009472046
chr2	1.2E+08	1.2E+08	981	1021	119650000	-0.13003	0.032499467
chr2	1.2E+08	1.2E+08	935	982	119700000	-0.14313	0.021144876
chr2	1.2E+08	1.2E+08	927	958	119750000	-0.11983	0.04449241
chr2	1.2E+08	1.2E+08	932	971	119800000	-0.13151	0.031001809
chr2	1.2E+08	1.2E+08	979	1018	119850000	-0.12873	0.033861672
chr2	1.2E+08	1.2E+08	1054	1087	119950000	-0.11685	0.048601696
chr2	1.2E+08	1.2E+08	1026	1087	120200000	-0.15569	0.013610577
chr2	1.2E+08	1.2E+08	1033	1085	120250000	-0.14323	0.021074513
chr2	1.21E+08	1.21E+08	1084	885	120650000	0.220244	0.000947266
chr2	1.21E+08	1.21E+08	1044	897	120700000	0.14657	0.019036478
chr2	1.21E+08	1.21E+08	996	1036	121050000	-0.12918	0.033385746
chr2	1.21E+08	1.21E+08	1102	1170	121100000	-0.15876	0.012173094
chr2	1.21E+08	1.21E+08	1092	1202	121200000	-0.21084	0.001413822
chr2	1.21E+08	1.21E+08	1104	1249	121250000	-0.25041	0.000199271
chr2	1.21E+08	1.21E+08	1110	1241	121300000	-0.23332	0.00048068
chr2	1.21E+08	1.21E+08	1109	1220	121350000	-0.20999	0.001469562
chr2	1.21E+08	1.21E+08	1093	1151	121400000	-0.14697	0.018537188
chr2	1.21E+08	1.22E+08	1075	1116	121500000	-0.12637	0.036448649

chr2	1.22E+08	1.22E+08	1111	1194	121550000	-0.17632	0.006216989
chr2	1.22E+08	1.22E+08	1126	1195	121700000	-0.15818	0.012434929
chr2	1.22E+08	1.22E+08	1113	1213	121750000	-0.1965	0.002683867
chr2	1.22E+08	1.22E+08	1075	1164	121800000	-0.18713	0.004000261
chr2	1.22E+08	1.22E+08	1032	1147	121850000	-0.22479	0.000731263
chr2	1.22E+08	1.22E+08	991	1041	121900000	-0.14338	0.020961411
chr2	1.22E+08	1.22E+08	1026	1060	121950000	-0.11941	0.045057878
chr2	1.23E+08	1.23E+08	978	1025	122900000	-0.14009	0.023424766
chr2	1.23E+08	1.23E+08	1069	1128	122950000	-0.14988	0.016747121
chr2	1.23E+08	1.23E+08	982	1040	1.23E+08	-0.15516	0.013874969
chr2	1.24E+08	1.24E+08	1049	917	123850000	0.121649	0.042449763
chr2	1.24E+08	1.24E+08	971	832	124150000	0.150516	0.01660293
chr2	1.24E+08	1.24E+08	1016	875	124350000	0.143174	0.021368784
chr2	1.24E+08	1.24E+08	976	834	124400000	0.154462	0.014441506
chr2	1.24E+08	1.25E+08	1020	891	124450000	0.1227	0.041126447
chr2	1.25E+08	1.25E+08	943	980	124950000	-0.1279	0.034758114
chr2	1.26E+08	1.26E+08	989	860	125900000	0.129262	0.033603145
chr2	1.26E+08	1.26E+08	990	860	126100000	0.13072	0.03209604
chr2	1.26E+08	1.26E+08	984	858	126200000	0.125309	0.037985686
chr2	1.27E+08	1.27E+08	920	767	126600000	0.190036	0.003634922
chr2	1.27E+08	1.27E+08	968	822	126650000	0.163497	0.010387464
chr2	1.27E+08	1.27E+08	1061	930	127300000	0.11775	0.047664977
chr2	1.27E+08	1.28E+08	970	1012	127450000	-0.13352	0.029063173
chr2	1.27E+08	1.28E+08	993	1082	127500000	-0.19621	0.002717985
chr2	1.28E+08	1.28E+08	1073	1139	127550000	-0.15849	0.012292756
chr2	1.28E+08	1.28E+08	960	994	127750000	-0.12258	0.040946405
chr2	1.28E+08	1.28E+08	1041	1227	127800000	-0.30954	6.35E-06
chr2	1.28E+08	1.28E+08	1044	1266	127850000	-0.35053	4.07E-07
chr2	1.28E+08	1.28E+08	1006	1046	127900000	-0.12862	0.033972832
chr2	1.28E+08	1.28E+08	1009	1042	128300000	-0.1188	0.045876351
chr2	1.28E+08	1.28E+08	998	1153	128350000	-0.28065	3.69E-05
chr2	1.28E+08	1.28E+08	1058	1200	128400000	-0.25407	0.000163898
chr2	1.28E+08	1.29E+08	1057	1091	128450000	-0.11805	0.046913233
chr2	1.29E+08	1.29E+08	941	810	128900000	0.143901	0.020849878
chr2	1.29E+08	1.29E+08	894	927	1.29E+08	-0.12467	0.038420817
chr2	1.29E+08	1.29E+08	984	1074	129050000	-0.19864	0.00244494
chr2	1.29E+08	1.29E+08	1068	1140	129100000	-0.16649	0.009114522
chr2	1.29E+08	1.29E+08	1082	1138	129150000	-0.14517	0.019720127
chr2	1.3E+08	1.3E+08	969	1032	129950000	-0.16325	0.010304815
chr2	1.3E+08	1.31E+08	1052	1111	130500000	-0.1511	0.016042769
chr2	1.31E+08	1.31E+08	942	974	130650000	-0.12057	0.043518569
chr2	1.31E+08	1.31E+08	590	634	130700000	-0.17614	0.006260734
chr2	1.31E+08	1.31E+08	125	97	130800000	0.2935	1.88E-05
chr2	1.31E+08	1.31E+08	33	44	130850000	-0.48741	5.63E-12
chr2	1.31E+08	1.31E+08	178	192	130900000	-0.1816	0.005024487
chr2	1.31E+08	1.31E+08	245	254	130950000	-0.12442	0.038714376
chr2	1.31E+08	1.31E+08	381	405	1.31E+08	-0.1605	0.011413987

chr2	1.31E+08	1.31E+08	547	568	131150000	-0.12672	0.036054757
chr2	1.31E+08	1.31E+08	41	48	131200000	-0.29978	1.17E-05
chr2	1.31E+08	1.31E+08	15	10	131250000	0.512591	8.10E-13
chr2	1.31E+08	1.31E+08	11	5	131300000	1.065132	4.55E-42
chr2	1.31E+08	1.31E+08	15	16	131350000	-0.16548	0.009472046
chr2	1.31E+08	1.31E+08	11	16	131400000	-0.61294	1.65E-17
chr2	1.31E+08	1.32E+08	223	240	131450000	-0.17836	0.005728217
chr2	1.32E+08	1.32E+08	907	971	131600000	-0.17074	0.007741209
chr2	1.32E+08	1.32E+08	960	1017	131750000	-0.15559	0.013663756
chr2	1.32E+08	1.32E+08	999	1071	131800000	-0.17277	0.007150878
chr2	1.32E+08	1.32E+08	698	747	131900000	-0.17025	0.007889003
chr2	1.32E+08	1.32E+08	311	364	131950000	-0.2994	1.20E-05
chr2	1.32E+08	1.32E+08	71	78	1.32E+08	-0.20803	0.001607627
chr2	1.32E+08	1.32E+08	419	447	132200000	-0.1657	0.009395071
chr2	1.32E+08	1.32E+08	247	308	132250000	-0.39079	2.08E-08
chr2	1.32E+08	1.32E+08	442	468	132300000	-0.15483	0.014039201
chr2	1.32E+08	1.32E+08	270	327	132400000	-0.3487	4.63E-07
chr2	1.32E+08	1.33E+08	315	357	132450000	-0.25294	0.000174062
chr2	1.33E+08	1.33E+08	124	138	132600000	-0.2267	0.000666514
chr2	1.33E+08	1.33E+08	122	100	132700000	0.214509	0.001237806
chr2	1.33E+08	1.33E+08	94	101	132850000	-0.17599	0.006297016
chr2	1.33E+08	1.33E+08	79	89	132900000	-0.24432	0.000274219
chr2	1.33E+08	1.33E+08	2277	2521	1.33E+08	-0.21923	0.000954877
chr2	1.33E+08	1.33E+08	2561	2798	133050000	-0.20006	0.002296579
chr2	1.33E+08	1.33E+08	942	974	133300000	-0.12057	0.043518569
chr2	1.34E+08	1.34E+08	911	970	134100000	-0.16291	0.010437229
chr2	1.34E+08	1.34E+08	990	1028	134150000	-0.12671	0.036066265
chr2	1.34E+08	1.35E+08	1007	1038	134450000	-0.11611	0.049659902
chr2	1.35E+08	1.35E+08	1044	1096	135250000	-0.1425	0.021601794
chr2	1.35E+08	1.35E+08	990	860	135400000	0.13072	0.03209604
chr2	1.36E+08	1.36E+08	788	670	136150000	0.161663	0.011118797
chr2	1.36E+08	1.36E+08	821	677	136200000	0.205855	0.001833528
chr2	1.36E+08	1.36E+08	908	759	136250000	0.186221	0.004259206
chr2	1.36E+08	1.36E+08	994	853	136300000	0.148328	0.017916857
chr2	1.37E+08	1.37E+08	878	766	136650000	0.124505	0.038932103
chr2	1.37E+08	1.37E+08	924	974	136800000	-0.1484	0.017635573
chr2	1.37E+08	1.37E+08	930	987	137200000	-0.15819	0.012427839
chr2	1.37E+08	1.37E+08	880	979	137400000	-0.22618	0.000683728
chr2	1.38E+08	1.38E+08	996	1036	137550000	-0.12918	0.033385746
chr2	1.38E+08	1.38E+08	928	787	138100000	0.165389	0.009677303
chr2	1.38E+08	1.38E+08	968	825	138150000	0.158241	0.012603842
chr2	1.38E+08	1.38E+08	884	773	138350000	0.121206	0.043018034
chr2	1.38E+08	1.38E+08	994	834	138400000	0.180827	0.005306056
chr2	1.38E+08	1.39E+08	976	836	138450000	0.151006	0.016319996
chr2	1.39E+08	1.39E+08	886	777	138650000	0.11702	0.048696326
chr2	1.4E+08	1.4E+08	954	1003	139550000	-0.14463	0.020088203
chr2	1.4E+08	1.4E+08	937	973	139650000	-0.12676	0.03600919

chr2	1.4E+08	1.4E+08	1019	883	140200000	0.134297	0.028634698
chr2	1.4E+08	1.4E+08	1002	851	140250000	0.16328	0.010471808
chr2	1.4E+08	1.4E+08	1016	882	140300000	0.131678	0.031136626
chr2	1.41E+08	1.41E+08	1044	855	141100000	0.215754	0.00116857
chr2	1.41E+08	1.41E+08	946	805	141150000	0.16048	0.011614054
chr2	1.41E+08	1.41E+08	1004	860	141300000	0.150979	0.016335751
chr2	1.41E+08	1.41E+08	1055	876	141350000	0.195868	0.002838671
chr2	1.41E+08	1.41E+08	1053	844	141400000	0.246819	0.000254437
chr2	1.41E+08	1.42E+08	1031	886	141450000	0.146294	0.0192176
chr2	1.42E+08	1.42E+08	1000	860	141550000	0.14522	0.019936409
chr2	1.42E+08	1.42E+08	971	822	141600000	0.167961	0.008780671
chr2	1.42E+08	1.42E+08	976	843	141700000	0.138977	0.024581732
chr2	1.42E+08	1.42E+08	975	842	141750000	0.13921	0.024392879
chr2	1.42E+08	1.42E+08	1072	935	142050000	0.124895	0.038470605
chr2	1.42E+08	1.42E+08	1049	910	142100000	0.132704	0.030135245
chr2	1.42E+08	1.42E+08	961	838	142250000	0.125214	0.0380959
chr2	1.43E+08	1.43E+08	1068	934	142650000	0.121045	0.043225738
chr2	1.43E+08	1.43E+08	1007	869	142750000	0.140264	0.023555748
chr2	1.43E+08	1.43E+08	1125	895	142850000	0.257594	0.000144195
chr2	1.43E+08	1.43E+08	1124	808	142900000	0.403843	9.35E-09
chr2	1.43E+08	1.43E+08	1068	855	142950000	0.248544	0.000232641
chr2	1.43E+08	1.43E+08	958	815	143400000	0.160854	0.011455378
chr2	1.43E+08	1.44E+08	940	822	143450000	0.121151	0.043089767
chr2	1.44E+08	1.44E+08	1006	860	143550000	0.15385	0.014759918
chr2	1.44E+08	1.44E+08	1027	879	143600000	0.152129	0.015687758
chr2	1.44E+08	1.44E+08	1043	881	144200000	0.171153	0.007769908
chr2	1.44E+08	1.45E+08	1011	1059	144500000	-0.13929	0.024056636
chr2	1.45E+08	1.45E+08	1015	1052	145250000	-0.12403	0.039182301
chr2	1.45E+08	1.45E+08	1010	1053	145300000	-0.13252	0.030016446
chr2	1.46E+08	1.46E+08	1073	896	145950000	0.187708	0.004005242
chr2	1.46E+08	1.46E+08	1110	915	1.46E+08	0.206344	0.001793847
chr2	1.46E+08	1.46E+08	1139	998	146050000	0.118284	0.046921662
chr2	1.46E+08	1.46E+08	1054	916	146350000	0.130084	0.032746944
chr2	1.46E+08	1.46E+08	1068	847	146400000	0.262106	0.000113
chr2	1.46E+08	1.47E+08	1027	871	146450000	0.16532	0.00970265
chr2	1.47E+08	1.47E+08	1027	877	146700000	0.155416	0.013957179
chr2	1.47E+08	1.47E+08	1038	856	146750000	0.205752	0.001841947
chr2	1.47E+08	1.47E+08	1056	844	146800000	0.250923	0.000205429
chr2	1.47E+08	1.47E+08	926	786	146850000	0.164111	0.010152135
chr2	1.47E+08	1.47E+08	1030	871	1.47E+08	0.169528	0.00827097
chr2	1.47E+08	1.47E+08	983	857	147050000	0.125524	0.037735226
chr2	1.47E+08	1.47E+08	1013	854	147300000	0.173954	0.006969164
chr2	1.47E+08	1.47E+08	1008	810	147350000	0.24313	0.000307614
chr2	1.47E+08	1.47E+08	972	780	147400000	0.24511	0.000277895
chr2	1.47E+08	1.48E+08	980	821	147450000	0.183028	0.004853907
chr2	1.47E+08	1.48E+08	980	856	147500000	0.122799	0.041003349
chr2	1.48E+08	1.48E+08	964	827	147950000	0.148774	0.017642168

chr2	1.49E+08	1.49E+08	1072	929	148850000	0.134183	0.028740286
chr2	1.49E+08	1.5E+08	999	859	149450000	0.145455	0.019777169
chr2	1.49E+08	1.5E+08	961	841	149500000	0.120059	0.044518224
chr2	1.5E+08	1.5E+08	102	116	149750000	-0.25793	0.000133034
chr2	1.5E+08	1.5E+08	1094	952	149950000	0.128207	0.034729314
chr2	1.5E+08	1.5E+08	968	1007	150250000	-0.12936	0.033198445
chr2	1.51E+08	1.51E+08	1038	883	150900000	0.160949	0.011415184
chr2	1.51E+08	1.51E+08	1006	844	150950000	0.180944	0.005281121
chr2	1.51E+08	1.51E+08	1032	886	151100000	0.147693	0.018314996
chr2	1.52E+08	1.52E+08	1094	952	151600000	0.128207	0.034729314
chr2	1.52E+08	1.52E+08	1012	866	151650000	0.152399	0.015539333
chr2	1.53E+08	1.53E+08	959	821	152650000	0.151777	0.015883928
chr2	1.53E+08	1.53E+08	1030	883	152700000	0.149787	0.017031135
chr2	1.53E+08	1.54E+08	1070	918	153500000	0.148673	0.017704145
chr2	1.54E+08	1.54E+08	1004	878	153550000	0.121095	0.043162044
chr2	1.54E+08	1.54E+08	926	958	153650000	-0.12139	0.042458987
chr2	1.54E+08	1.54E+08	906	790	153900000	0.125287	0.038011642
chr2	1.54E+08	1.54E+08	1041	899	153950000	0.139205	0.02439686
chr2	1.55E+08	1.55E+08	993	855	154700000	0.143498	0.021136423
chr2	1.55E+08	1.55E+08	1016	875	154950000	0.143174	0.021368784
chr2	1.55E+08	1.55E+08	991	852	155100000	0.14566	0.019639155
chr2	1.55E+08	1.55E+08	1069	848	155150000	0.261754	0.000115185
chr2	1.55E+08	1.55E+08	1078	878	155200000	0.223693	0.000804256
chr2	1.56E+08	1.56E+08	843	718	156300000	0.159177	0.012181453
chr2	1.56E+08	1.56E+08	965	838	156400000	0.131207	0.031605458
chr2	1.56E+08	1.57E+08	964	811	156450000	0.176959	0.006192186
chr2	1.56E+08	1.57E+08	1022	879	156500000	0.145088	0.020025819
chr2	1.57E+08	1.57E+08	1052	895	156550000	0.160803	0.011476673
chr2	1.57E+08	1.57E+08	1000	825	156600000	0.205162	0.001891009
chr2	1.57E+08	1.57E+08	1034	869	156650000	0.178436	0.005839333
chr2	1.57E+08	1.57E+08	1020	887	156700000	0.129191	0.033677707
chr2	1.57E+08	1.57E+08	973	842	156750000	0.136248	0.026881967
chr2	1.57E+08	1.57E+08	1008	832	156800000	0.204468	0.001950247
chr2	1.57E+08	1.57E+08	1039	884	157350000	0.160706	0.011518001
chr2	1.57E+08	1.58E+08	1072	916	157450000	0.154514	0.014414914
chr2	1.57E+08	1.58E+08	1083	893	157500000	0.205929	0.001827417
chr2	1.58E+08	1.58E+08	1048	875	157550000	0.187912	0.003971425
chr2	1.58E+08	1.58E+08	944	802	157600000	0.162813	0.01065514
chr2	1.58E+08	1.58E+08	966	1013	158300000	-0.14091	0.022788897
chr2	1.59E+08	1.59E+08	822	688	159250000	0.184358	0.004597644
chr2	1.59E+08	1.59E+08	924	797	159300000	0.140941	0.023030347
chr2	1.6E+08	1.6E+08	1007	857	160300000	0.160325	0.011680266
chr2	1.6E+08	1.6E+08	1021	892	160350000	0.122495	0.041381403
chr2	1.6E+08	1.61E+08	918	789	160450000	0.146097	0.01934765
chr2	1.6E+08	1.61E+08	949	789	160500000	0.194011	0.003073188
chr2	1.61E+08	1.61E+08	948	763	160550000	0.240832	0.000345807
chr2	1.61E+08	1.61E+08	969	803	160600000	0.198725	0.002509509

chr2	1.62E+08	1.62E+08	795	820	161850000	-0.11704	0.048328043
chr2	1.62E+08	1.62E+08	954	999	162050000	-0.13887	0.024398335
chr2	1.62E+08	1.62E+08	1007	857	162200000	0.160325	0.011680266
chr2	1.62E+08	1.62E+08	827	720	162400000	0.127519	0.035481556
chr2	1.63E+08	1.63E+08	1052	872	162650000	0.198363	0.002549216
chr2	1.63E+08	1.63E+08	983	822	162700000	0.185681	0.004354839
chr2	1.63E+08	1.64E+08	1069	920	163500000	0.144184	0.020650699
chr2	1.64E+08	1.64E+08	1020	854	163950000	0.183889	0.004686506
chr2	1.64E+08	1.64E+08	1060	879	1.64E+08	0.197757	0.002616902
chr2	1.64E+08	1.64E+08	1049	912	164050000	0.129537	0.033314402
chr2	1.65E+08	1.65E+08	1024	855	1.65E+08	0.187848	0.003982055
chr2	1.65E+08	1.65E+08	1042	901	165050000	0.137384	0.02590281
chr2	1.65E+08	1.65E+08	949	830	165100000	0.120925	0.043381878
chr2	1.65E+08	1.65E+08	901	764	165150000	0.165583	0.009607222
chr2	1.65E+08	1.65E+08	1040	874	165200000	0.178507	0.005823006
chr2	1.65E+08	1.65E+08	1095	958	165250000	0.120462	0.043986953
chr2	1.65E+08	1.66E+08	1020	888	165450000	0.127566	0.035429645
chr2	1.66E+08	1.66E+08	1054	882	165600000	0.184653	0.004542582
chr2	1.66E+08	1.66E+08	1043	903	166200000	0.135569	0.027480906
chr2	1.66E+08	1.66E+08	1019	856	166350000	0.1791	0.005686779
chr2	1.67E+08	1.67E+08	1012	861	167050000	0.160752	0.011498209
chr2	1.67E+08	1.67E+08	1017	811	167100000	0.254174	0.000173048
chr2	1.67E+08	1.67E+08	1010	840	167150000	0.193522	0.003137736
chr2	1.67E+08	1.67E+08	1015	886	167250000	0.123729	0.039862913
chr2	1.68E+08	1.68E+08	879	906	167600000	-0.11602	0.049797959
chr2	1.68E+08	1.68E+08	1017	856	167700000	0.176265	0.006364511
chr2	1.68E+08	1.68E+08	899	761	167750000	0.168053	0.008750076
chr2	1.68E+08	1.68E+08	881	771	167800000	0.120039	0.044544045
chr2	1.68E+08	1.68E+08	997	852	168350000	0.154368	0.014489861
chr2	1.69E+08	1.69E+08	950	989	168900000	-0.13041	0.032104976
chr2	1.69E+08	1.69E+08	941	999	168950000	-0.15866	0.012215321
chr2	1.69E+08	1.69E+08	1102	938	169350000	0.160093	0.011780173
chr2	1.71E+08	1.71E+08	948	812	170600000	0.151036	0.016303324
chr2	1.71E+08	1.71E+08	910	739	170650000	0.22792	0.000656201
chr2	1.71E+08	1.71E+08	937	760	170750000	0.229678	0.000602435
chr2	1.71E+08	1.71E+08	963	777	170800000	0.237249	0.000414278
chr2	1.71E+08	1.71E+08	975	824	170850000	0.170386	0.008003002
chr2	1.71E+08	1.71E+08	1004	847	170900000	0.172954	0.007246467
chr2	1.71E+08	1.71E+08	966	843	1.71E+08	0.124119	0.039393196
chr2	1.71E+08	1.71E+08	1062	913	171050000	0.145725	0.019595332
chr2	1.71E+08	1.71E+08	1036	906	171250000	0.121069	0.043194865
chr2	1.71E+08	1.71E+08	972	824	171300000	0.16594	0.009478778
chr2	1.72E+08	1.72E+08	926	964	171550000	-0.13039	0.032127456
chr2	1.72E+08	1.72E+08	941	819	171850000	0.12796	0.034998601
chr2	1.72E+08	1.72E+08	980	827	171900000	0.172523	0.007368858
chr2	1.72E+08	1.72E+08	1016	870	172050000	0.151441	0.016072584
chr2	1.72E+08	1.72E+08	975	825	172150000	0.168636	0.008557728

chr2	1.72E+08	1.72E+08	850	703	172200000	0.201566	0.002216814
chr2	1.73E+08	1.73E+08	923	805	172550000	0.12497	0.038382122
chr2	1.73E+08	1.73E+08	897	770	172650000	0.147878	0.018198257
chr2	1.73E+08	1.73E+08	950	812	172700000	0.154076	0.014641617
chr2	1.74E+08	1.74E+08	941	795	174200000	0.170868	0.007855884
chr2	1.74E+08	1.74E+08	1054	889	174250000	0.173248	0.007163968
chr2	1.75E+08	1.75E+08	1052	915	1.75E+08	0.128919	0.033965857
chr2	1.75E+08	1.75E+08	1064	877	175050000	0.206478	0.001783175
chr2	1.75E+08	1.75E+08	1017	850	175100000	0.186413	0.004225531
chr2	1.75E+08	1.75E+08	888	777	175250000	0.120273	0.044234652
chr2	1.75E+08	1.76E+08	991	1042	175500000	-0.14477	0.019993604
chr2	1.76E+08	1.76E+08	925	996	175550000	-0.17906	0.005568694
chr2	1.76E+08	1.76E+08	1063	878	175700000	0.203477	0.00203784
chr2	1.76E+08	1.76E+08	1014	875	176100000	0.140331	0.023503244
chr2	1.77E+08	1.77E+08	926	787	176800000	0.162277	0.010869109
chr2	1.77E+08	1.77E+08	971	851	177100000	0.11794	0.047399241
chr2	1.78E+08	1.78E+08	1100	934	177650000	0.163637	0.01033325
chr2	1.78E+08	1.78E+08	1115	964	177700000	0.137567	0.025748519
chr2	1.78E+08	1.78E+08	969	1010	177850000	-0.13216	0.030368381
chr2	1.78E+08	1.78E+08	978	819	178350000	0.183599	0.004742293
chr2	1.8E+08	1.8E+08	977	810	179550000	0.198065	0.00258233
chr2	1.8E+08	1.8E+08	957	835	180250000	0.124371	0.039091459
chr2	1.81E+08	1.81E+08	1150	956	180700000	0.19418	0.003051206
chr2	1.81E+08	1.81E+08	1127	897	180750000	0.256936	0.000149368
chr2	1.81E+08	1.81E+08	1020	870	180800000	0.15711	0.013131274
chr2	1.81E+08	1.81E+08	1033	895	181200000	0.134509	0.028439761
chr2	1.81E+08	1.81E+08	1021	842	181250000	0.205719	0.001844663
chr2	1.81E+08	1.81E+08	1007	864	181400000	0.148589	0.017755959
chr2	1.82E+08	1.82E+08	940	823	181650000	0.119397	0.045403306
chr2	1.82E+08	1.82E+08	1051	879	182050000	0.185456	0.004395373
chr2	1.82E+08	1.82E+08	1040	894	182200000	0.145865	0.019501906
chr2	1.82E+08	1.83E+08	1097	941	182450000	0.148925	0.017549879
chr2	1.83E+08	1.83E+08	1083	930	182700000	0.147359	0.018527018
chr2	1.83E+08	1.83E+08	1063	932	182750000	0.117368	0.048202927
chr2	1.83E+08	1.83E+08	921	785	183400000	0.158137	0.012651753
chr2	1.83E+08	1.84E+08	970	838	183450000	0.138663	0.024837678
chr2	1.85E+08	1.85E+08	928	778	185100000	0.181983	0.005064066
chr2	1.85E+08	1.85E+08	1020	850	185150000	0.190663	0.003540577
chr2	1.85E+08	1.85E+08	1119	908	185200000	0.229074	0.000620429
chr2	1.85E+08	1.85E+08	1028	899	185300000	0.121075	0.04318685
chr2	1.85E+08	1.85E+08	1097	907	185350000	0.202017	0.002173331
chr2	1.85E+08	1.85E+08	1090	884	185400000	0.229838	0.000597742
chr2	1.85E+08	1.86E+08	1114	885	185450000	0.259628	0.000129243
chr2	1.85E+08	1.86E+08	1107	930	185500000	0.178981	0.005713829
chr2	1.86E+08	1.86E+08	1060	909	185550000	0.14934	0.017298397
chr2	1.86E+08	1.86E+08	1099	894	185700000	0.225473	0.000738503
chr2	1.86E+08	1.86E+08	1100	910	185750000	0.201193	0.002253387

chr2	1.86E+08	1.86E+08	965	829	185850000	0.146785	0.018896433
chr2	1.86E+08	1.86E+08	1011	859	185900000	0.162681	0.010707349
chr2	1.86E+08	1.86E+08	966	837	185950000	0.134424	0.028517894
chr2	1.86E+08	1.86E+08	1011	844	1.86E+08	0.188096	0.003941148
chr2	1.86E+08	1.86E+08	1033	892	186050000	0.139353	0.024278089
chr2	1.86E+08	1.86E+08	1040	877	186150000	0.173563	0.007076479
chr2	1.86E+08	1.86E+08	940	799	186200000	0.162093	0.01094313
chr2	1.86E+08	1.86E+08	903	783	186250000	0.133342	0.029526919
chr2	1.86E+08	1.86E+08	997	831	186350000	0.190373	0.003583834
chr2	1.86E+08	1.86E+08	1002	767	186400000	0.313212	5.60E-06
chr2	1.86E+08	1.87E+08	897	758	186450000	0.170538	0.007956267
chr2	1.87E+08	1.87E+08	1024	886	186650000	0.136465	0.026692214
chr2	1.87E+08	1.87E+08	914	774	186700000	0.167489	0.008939642
chr2	1.87E+08	1.87E+08	1025	875	186950000	0.155897	0.013718004
chr2	1.88E+08	1.88E+08	1071	936	187600000	0.122006	0.041996336
chr2	1.88E+08	1.88E+08	983	848	187900000	0.140755	0.02317357
chr2	1.88E+08	1.88E+08	999	841	188200000	0.176007	0.006429654
chr2	1.88E+08	1.88E+08	1050	879	188250000	0.184082	0.004649711
chr2	1.88E+08	1.88E+08	1085	906	188300000	0.18774	0.003999822
chr2	1.88E+08	1.89E+08	936	805	188500000	0.145148	0.01998518
chr2	1.89E+08	1.89E+08	957	789	188550000	0.206122	0.001811773
chr2	1.89E+08	1.89E+08	1027	850	188600000	0.20053	0.002319802
chr2	1.89E+08	1.89E+08	1037	856	188900000	0.204361	0.001959533
chr2	1.89E+08	1.89E+08	957	837	188950000	0.12092	0.043388953
chr2	1.89E+08	1.89E+08	942	811	189050000	0.143653	0.021025359
chr2	1.89E+08	1.89E+08	1031	864	189100000	0.182569	0.004945129
chr2	1.89E+08	1.89E+08	1029	877	189150000	0.158222	0.012612407
chr2	1.89E+08	1.89E+08	1058	906	189200000	0.151385	0.016104501
chr2	1.89E+08	1.89E+08	1103	960	189250000	0.127955	0.03500382
chr2	1.89E+08	1.89E+08	1118	955	189300000	0.154976	0.014178803
chr2	1.89E+08	1.89E+08	1125	940	189350000	0.186821	0.004155057
chr2	1.89E+08	1.89E+08	1111	913	189400000	0.2108	0.001467153
chr2	1.89E+08	1.9E+08	1093	893	189450000	0.21919	0.00099544
chr2	1.89E+08	1.9E+08	1036	908	189500000	0.117888	0.047472308
chr2	1.9E+08	1.9E+08	1027	796	189650000	0.295224	1.70E-05
chr2	1.9E+08	1.9E+08	1033	842	189700000	0.222576	0.000848196
chr2	1.9E+08	1.9E+08	1020	883	189750000	0.135712	0.027354123
chr2	1.9E+08	1.9E+08	980	859	189900000	0.117752	0.04766276
chr2	1.92E+08	1.92E+08	1016	824	191750000	0.229812	0.000598493
chr2	1.92E+08	1.92E+08	970	769	191800000	0.262629	0.000109825
chr2	1.92E+08	1.92E+08	1092	932	192250000	0.156199	0.013569822
chr2	1.92E+08	1.92E+08	1014	874	192300000	0.141981	0.022243641
chr2	1.93E+08	1.93E+08	1116	970	192750000	0.129909	0.032927795
chr2	1.93E+08	1.93E+08	1103	889	192800000	0.238806	0.000383116
chr2	1.93E+08	1.93E+08	1132	915	192850000	0.234659	0.000471438
chr2	1.93E+08	1.93E+08	964	803	193150000	0.191261	0.003452564
chr2	1.93E+08	1.93E+08	1029	855	193200000	0.194875	0.002962022

chr2	1.93E+08	1.93E+08	1016	850	193250000	0.184994	0.004479496
chr2	1.93E+08	1.93E+08	1024	890	193300000	0.129967	0.032867658
chr2	1.93E+08	1.93E+08	934	801	193400000	0.149249	0.017353711
chr2	1.93E+08	1.94E+08	1030	894	193450000	0.131926	0.030892407
chr2	1.94E+08	1.94E+08	950	988	193550000	-0.12896	0.033620948
chr2	1.94E+08	1.94E+08	1081	933	193650000	0.140046	0.023726988
chr2	1.94E+08	1.94E+08	1029	885	193700000	0.145122	0.020002978
chr2	1.94E+08	1.94E+08	979	787	193900000	0.242573	0.000316486
chr2	1.94E+08	1.94E+08	1092	926	193950000	0.165517	0.009630995
chr2	1.94E+08	1.94E+08	997	861	194200000	0.139208	0.024394265
chr2	1.94E+08	1.94E+08	1010	841	194300000	0.191806	0.003374254
chr2	1.94E+08	1.94E+08	1017	824	194350000	0.231232	0.000558331
chr2	1.94E+08	1.95E+08	959	833	194500000	0.130843	0.031972052
chr2	1.95E+08	1.95E+08	876	753	194700000	0.145909	0.019472436
chr2	1.95E+08	1.95E+08	1021	857	194750000	0.180244	0.005431886
chr2	1.95E+08	1.95E+08	1026	848	194800000	0.202523	0.00212551
chr2	1.95E+08	1.95E+08	1004	824	194850000	0.212671	0.001346999
chr2	1.95E+08	1.95E+08	952	791	194900000	0.194912	0.002957314
chr2	1.95E+08	1.95E+08	963	789	194950000	0.215139	0.001202328
chr2	1.95E+08	1.95E+08	999	823	1.95E+08	0.20722	0.001724789
chr2	1.95E+08	1.95E+08	1027	876	195050000	0.157062	0.013154282
chr2	1.95E+08	1.95E+08	1080	908	195200000	0.177895	0.005966454
chr2	1.95E+08	1.95E+08	1034	829	195250000	0.24642	0.000259735
chr2	1.95E+08	1.95E+08	864	695	195300000	0.241647	0.000331792
chr2	1.95E+08	1.95E+08	834	713	195350000	0.153774	0.014800106
chr2	1.95E+08	1.96E+08	958	840	195450000	0.117265	0.048349274
chr2	1.95E+08	1.96E+08	931	800	195500000	0.146409	0.019141692
chr2	1.96E+08	1.96E+08	981	846	195550000	0.141224	0.022814339
chr2	1.96E+08	1.96E+08	925	803	195800000	0.131682	0.031133128
chr2	1.96E+08	1.96E+08	1022	851	195850000	0.191792	0.003376166
chr2	1.96E+08	1.96E+08	1006	850	195900000	0.170724	0.007899678
chr2	1.96E+08	1.96E+08	838	715	196100000	0.156635	0.013358339
chr2	1.96E+08	1.96E+08	1017	876	196300000	0.142945	0.021534104
chr2	1.96E+08	1.96E+08	955	828	196350000	0.133498	0.029379346
chr2	1.97E+08	1.97E+08	1051	902	196700000	0.148192	0.018001885
chr2	1.97E+08	1.97E+08	999	868	196750000	0.130418	0.032403759
chr2	1.97E+08	1.97E+08	962	997	197150000	-0.12393	0.039300511
chr2	1.98E+08	1.98E+08	1007	853	197550000	0.167074	0.009081259
chr2	1.98E+08	1.98E+08	948	783	197750000	0.203503	0.002035498
chr2	1.99E+08	1.99E+08	947	982	198850000	-0.12473	0.038345175
chr2	1.99E+08	1.99E+08	1106	959	198950000	0.133377	0.029493831
chr2	1.99E+08	1.99E+08	1100	877	199250000	0.254483	0.000170234
chr2	1.99E+08	1.99E+08	1091	855	199300000	0.279283	4.33E-05
chr2	1.99E+08	2E+08	993	833	199450000	0.181105	0.005246787
chr2	1.99E+08	2E+08	1055	895	199500000	0.164912	0.009852441
chr2	2E+08	2E+08	967	801	199900000	0.199342	0.002443129
chr2	2E+08	2E+08	1019	891	200350000	0.121285	0.042916574

chr2	2.01E+08	2.01E+08	1023	1059	200900000	-0.12227	0.041339819
chr2	2.02E+08	2.02E+08	936	987	201550000	-0.14891	0.017322598
chr2	2.02E+08	2.02E+08	1000	1079	201600000	-0.18207	0.004929885
chr2	2.02E+08	2.02E+08	982	1022	201650000	-0.12997	0.032558759
chr2	2.02E+08	2.02E+08	952	770	201850000	0.233731	0.000493616
chr2	2.02E+08	2.02E+08	844	690	201900000	0.218275	0.001039062
chr2	2.02E+08	2.03E+08	817	866	202500000	-0.1564	0.013265039
chr2	2.03E+08	2.03E+08	1025	848	202600000	0.201116	0.002261037
chr2	2.03E+08	2.03E+08	1034	860	202650000	0.193456	0.003146604
chr2	2.03E+08	2.03E+08	803	703	203300000	0.119504	0.045259398
chr2	2.03E+08	2.03E+08	742	639	203350000	0.143231	0.021327168
chr2	2.04E+08	2.04E+08	974	796	203600000	0.218782	0.001014684
chr2	2.04E+08	2.04E+08	987	795	203650000	0.239723	0.000365778
chr2	2.04E+08	2.04E+08	862	739	203700000	0.149742	0.017058175
chr2	2.04E+08	2.04E+08	921	799	203950000	0.132634	0.030203231
chr2	2.04E+08	2.04E+08	888	748	2.04E+08	0.17515	0.006650344
chr2	2.04E+08	2.04E+08	886	744	204050000	0.179632	0.005566828
chr2	2.04E+08	2.04E+08	854	712	204100000	0.189987	0.003642305
chr2	2.04E+08	2.04E+08	959	823	204250000	0.148267	0.017955186
chr2	2.04E+08	2.04E+08	1037	847	204300000	0.21961	0.000975948
chr2	2.04E+08	2.04E+08	966	820	204350000	0.164028	0.010183888
chr2	2.04E+08	2.04E+08	900	782	204400000	0.130385	0.032437753
chr2	2.04E+08	2.05E+08	924	796	204450000	0.142753	0.02167416
chr2	2.05E+08	2.05E+08	1003	1040	204700000	-0.12463	0.038459321
chr2	2.05E+08	2.05E+08	1007	1041	204750000	-0.12028	0.043896761
chr2	2.05E+08	2.06E+08	1063	913	205500000	0.147083	0.018703801
chr2	2.06E+08	2.06E+08	1100	959	205550000	0.125529	0.037729906
chr2	2.06E+08	2.06E+08	1011	866	205650000	0.150972	0.016339555
chr2	2.06E+08	2.06E+08	1016	880	205700000	0.134953	0.028034729
chr2	2.06E+08	2.06E+08	1032	902	205850000	0.121872	0.042166587
chr2	2.06E+08	2.06E+08	1013	886	2.06E+08	0.120884	0.043435369
chr2	2.06E+08	2.06E+08	957	823	206050000	0.145255	0.019912595
chr2	2.06E+08	2.06E+08	1010	858	206100000	0.162934	0.01060731
chr2	2.06E+08	2.06E+08	1077	936	206150000	0.130066	0.032765044
chr2	2.06E+08	2.06E+08	1033	905	206400000	0.118479	0.046653206
chr2	2.06E+08	2.07E+08	1119	938	206450000	0.182178	0.005024125
chr2	2.08E+08	2.08E+08	1065	930	207600000	0.123179	0.040534457
chr2	2.08E+08	2.08E+08	1006	861	208250000	0.152173	0.015663391
chr2	2.08E+08	2.08E+08	1035	890	208300000	0.145382	0.019826509
chr2	2.09E+08	2.09E+08	787	817	208550000	-0.12634	0.036480251
chr2	2.09E+08	2.09E+08	927	956	209250000	-0.11681	0.048652856
chr2	2.1E+08	2.1E+08	931	788	209800000	0.168214	0.008696662
chr2	2.1E+08	2.1E+08	896	764	210200000	0.157554	0.012921877
chr2	2.1E+08	2.11E+08	1023	870	210450000	0.161347	0.01124911
chr2	2.1E+08	2.11E+08	1002	876	210500000	0.121508	0.042630326
chr2	2.11E+08	2.11E+08	937	989	210600000	-0.15029	0.016503656
chr2	2.11E+08	2.11E+08	976	855	210700000	0.118585	0.046507211

chr2	2.11E+08	2.11E+08	1005	880	210850000	0.119248	0.045603361
chr2	2.11E+08	2.11E+08	962	843	210900000	0.118132	0.047131961
chr2	2.11E+08	2.11E+08	931	810	2.11E+08	0.128487	0.034427321
chr2	2.11E+08	2.11E+08	966	840	211050000	0.129262	0.033603145
chr2	2.12E+08	2.12E+08	913	793	211850000	0.130922	0.031891594
chr2	2.12E+08	2.12E+08	1002	866	211900000	0.138072	0.025325414
chr2	2.12E+08	2.12E+08	1039	911	211950000	0.117301	0.048297766
chr2	2.12E+08	2.12E+08	1021	883	2.12E+08	0.137126	0.02612302
chr2	2.12E+08	2.12E+08	970	768	212050000	0.264507	9.91E-05
chr2	2.12E+08	2.12E+08	922	768	212100000	0.191289	0.003448602
chr2	2.12E+08	2.13E+08	993	855	212450000	0.143498	0.021136423
chr2	2.13E+08	2.13E+08	1017	867	212550000	0.157844	0.0127869
chr2	2.13E+08	2.13E+08	997	864	212850000	0.13419	0.028733081
chr2	2.13E+08	2.13E+08	990	865	213100000	0.122357	0.0415552
chr2	2.13E+08	2.13E+08	1091	916	213200000	0.17986	0.00551629
chr2	2.13E+08	2.13E+08	1100	911	213250000	0.199609	0.002414908
chr2	2.13E+08	2.14E+08	1011	887	213450000	0.116405	0.049579273
chr2	2.13E+08	2.14E+08	1030	866	213500000	0.177834	0.005981108
chr2	2.14E+08	2.14E+08	978	834	213750000	0.157415	0.012987087
chr2	2.14E+08	2.14E+08	1068	859	213900000	0.24181	0.000329047
chr2	2.14E+08	2.14E+08	1128	901	213950000	0.251796	0.000196215
chr2	2.14E+08	2.14E+08	1085	929	2.14E+08	0.151573	0.015998442
chr2	2.14E+08	2.14E+08	904	759	214250000	0.179851	0.005518217
chr2	2.14E+08	2.14E+08	977	800	214400000	0.215987	0.001155998
chr2	2.14E+08	2.15E+08	987	795	214450000	0.239723	0.000365778
chr2	2.14E+08	2.15E+08	1013	866	214500000	0.153823	0.014773839
chr2	2.15E+08	2.15E+08	1011	862	214550000	0.157651	0.012876484
chr2	2.15E+08	2.15E+08	1010	871	214600000	0.141239	0.022802762
chr2	2.15E+08	2.15E+08	1030	884	214650000	0.148154	0.018025113
chr2	2.15E+08	2.15E+08	1092	869	214700000	0.257173	0.000147483
chr2	2.15E+08	2.15E+08	1043	835	214750000	0.248519	0.000232935
chr2	2.15E+08	2.15E+08	1039	858	214800000	0.203774	0.002011201
chr2	2.15E+08	2.15E+08	1017	889	2.15E+08	0.121693	0.042394537
chr2	2.15E+08	2.15E+08	1097	860	215050000	0.278783	4.45E-05
chr2	2.15E+08	2.15E+08	1013	807	215100000	0.255622	0.000160227
chr2	2.15E+08	2.15E+08	1028	900	215250000	0.119472	0.045302328
chr2	2.15E+08	2.15E+08	1033	879	215300000	0.160533	0.01159113
chr2	2.16E+08	2.16E+08	948	830	215550000	0.119404	0.045393344
chr2	2.16E+08	2.16E+08	970	845	215600000	0.126662	0.036436126
chr2	2.16E+08	2.16E+08	1067	896	216400000	0.179618	0.005570072
chr2	2.17E+08	2.17E+08	925	967	217300000	-0.13643	0.026437966
chr2	2.17E+08	2.18E+08	1001	1108	217450000	-0.21889	0.000970681
chr2	2.17E+08	2.18E+08	978	1081	217500000	-0.21683	0.001069676
chr2	2.18E+08	2.18E+08	1020	1090	217550000	-0.16813	0.008561719
chr2	2.18E+08	2.18E+08	1013	1053	217600000	-0.12824	0.034381953
chr2	2.18E+08	2.18E+08	987	1027	218400000	-0.12969	0.032854779
chr2	2.18E+08	2.19E+08	1077	1164	218450000	-0.18444	0.004471286

chr2	2.18E+08	2.19E+08	1082	1118	218500000	-0.11959	0.044808188
chr2	2.19E+08	2.19E+08	1052	1130	218650000	-0.17556	0.006406677
chr2	2.19E+08	2.19E+08	1144	1300	218700000	-0.2568	0.000141458
chr2	2.19E+08	2.19E+08	1172	1303	218750000	-0.22524	0.000715745
chr2	2.19E+08	2.19E+08	1191	1262	218800000	-0.15591	0.013503972
chr2	2.19E+08	2.19E+08	1230	1296	218850000	-0.14778	0.018021501
chr2	2.19E+08	2.19E+08	1129	1187	218900000	-0.14465	0.02007857
chr2	2.19E+08	2.19E+08	814	889	219200000	-0.19953	0.002351201
chr2	2.19E+08	2.19E+08	829	894	219250000	-0.18127	0.005091729
chr2	2.19E+08	2.19E+08	834	907	219300000	-0.19343	0.003064116
chr2	2.2E+08	2.2E+08	874	924	219650000	-0.15263	0.015191837
chr2	2.2E+08	2.2E+08	958	1056	219700000	-0.21288	0.001286255
chr2	2.2E+08	2.2E+08	948	1042	219750000	-0.20877	0.001554258
chr2	2.2E+08	2.2E+08	1098	1142	219900000	-0.12906	0.033514098
chr2	2.2E+08	2.2E+08	904	1003	220100000	-0.2223	0.000824845
chr2	2.2E+08	2.2E+08	982	1103	220150000	-0.24001	0.000342572
chr2	2.2E+08	2.2E+08	955	1042	220200000	-0.19815	0.002496965
chr2	2.2E+08	2.2E+08	971	1015	220250000	-0.13631	0.026547376
chr2	2.2E+08	2.2E+08	1147	1188	220300000	-0.12304	0.040379833
chr2	2.2E+08	2.2E+08	1167	1360	220350000	-0.29317	1.75E-05
chr2	2.2E+08	2.2E+08	1069	1386	220400000	-0.44704	2.08E-10
chr2	2.2E+08	2.21E+08	1047	1217	220450000	-0.28944	2.20E-05
chr2	2.21E+08	2.21E+08	954	988	220600000	-0.12289	0.040561808
chr2	2.21E+08	2.21E+08	1050	905	221150000	0.142028	0.022208488
chr2	2.21E+08	2.21E+08	1041	859	221200000	0.204868	0.001915904
chr2	2.22E+08	2.22E+08	971	807	222050000	0.194531	0.00300585
chr2	2.22E+08	2.23E+08	991	1035	222450000	-0.13505	0.027664945
chr2	2.23E+08	2.23E+08	1100	922	222550000	0.182293	0.005000838
chr2	2.23E+08	2.23E+08	956	1016	223100000	-0.16019	0.011546925
chr2	2.24E+08	2.24E+08	1060	892	224300000	0.176577	0.006286629
chr2	2.24E+08	2.24E+08	1110	852	224350000	0.309263	7.18E-06
chr2	2.24E+08	2.24E+08	1079	908	224400000	0.176559	0.006291101
chr2	2.25E+08	2.25E+08	958	992	224850000	-0.12269	0.040818404
chr2	2.25E+08	2.25E+08	1025	1070	224900000	-0.13436	0.02828923
chr2	2.26E+08	2.26E+08	959	992	226100000	-0.12118	0.042721219
chr2	2.26E+08	2.26E+08	1056	885	226200000	0.182489	0.004961333
chr2	2.26E+08	2.26E+08	1100	889	226250000	0.234876	0.000466362
chr2	2.26E+08	2.27E+08	1008	878	226450000	0.126831	0.036245802
chr2	2.27E+08	2.27E+08	1048	880	226600000	0.179692	0.005553637
chr2	2.27E+08	2.27E+08	1034	862	226650000	0.190105	0.003624412
chr2	2.27E+08	2.27E+08	1014	871	226700000	0.146941	0.018795257
chr2	2.27E+08	2.27E+08	1041	899	226900000	0.139205	0.02439686
chr2	2.27E+08	2.27E+08	1039	877	226950000	0.172175	0.007468876
chr2	2.27E+08	2.27E+08	1044	909	227050000	0.127398	0.03561497
chr2	2.27E+08	2.27E+08	1023	877	227100000	0.149786	0.017032084
chr2	2.27E+08	2.27E+08	1026	885	227200000	0.14091	0.023054751
chr2	2.28E+08	2.28E+08	1135	982	227550000	0.136526	0.026639853

chr2	2.28E+08	2.28E+08	946	997	228050000	-0.14813	0.017805824
chr2	2.28E+08	2.28E+08	963	1011	228100000	-0.14255	0.021565839
chr2	2.28E+08	2.28E+08	921	954	228150000	-0.12316	0.040234083
chr2	2.29E+08	2.29E+08	831	718	228600000	0.138493	0.024977069
chr2	2.29E+08	2.29E+08	918	745	228650000	0.228882	0.000626258
chr2	2.29E+08	2.29E+08	973	830	228700000	0.156957	0.013204248
chr2	2.29E+08	2.29E+08	947	976	228800000	-0.11589	0.049989325
chr2	2.29E+08	2.29E+08	891	773	228900000	0.132585	0.030250158
chr2	2.29E+08	2.29E+08	945	826	229250000	0.121801	0.042256851
chr2	2.29E+08	2.3E+08	975	797	229450000	0.218451	0.001030541
chr2	2.3E+08	2.3E+08	1009	874	230200000	0.134849	0.028129087
chr2	2.3E+08	2.31E+08	951	1014	230450000	-0.16491	0.009678257
chr2	2.32E+08	2.32E+08	962	1003	231700000	-0.13258	0.029956107
chr2	2.32E+08	2.32E+08	1040	1100	231750000	-0.15329	0.014837967
chr2	2.32E+08	2.32E+08	983	1063	231900000	-0.18525	0.004324839
chr2	2.32E+08	2.32E+08	920	984	232200000	-0.1694	0.008154759
chr2	2.32E+08	2.32E+08	836	883	232400000	-0.15128	0.01593734
chr2	2.32E+08	2.33E+08	821	863	232450000	-0.14435	0.020282934
chr2	2.32E+08	2.33E+08	850	902	232500000	-0.15804	0.012498435
chr2	2.33E+08	2.33E+08	889	918	232550000	-0.11868	0.04603803
chr2	2.33E+08	2.33E+08	701	738	232700000	-0.14658	0.018787751
chr2	2.33E+08	2.33E+08	775	852	232750000	-0.20903	0.001535867
chr2	2.33E+08	2.33E+08	925	960	232800000	-0.12595	0.036925573
chr2	2.33E+08	2.33E+08	863	920	233200000	-0.16465	0.009776408
chr2	2.33E+08	2.33E+08	778	873	233250000	-0.23858	0.000368456
chr2	2.33E+08	2.33E+08	897	942	233300000	-0.14299	0.021243866
chr2	2.33E+08	2.33E+08	1005	1166	233350000	-0.28674	2.58E-05
chr2	2.33E+08	2.33E+08	1028	1225	233400000	-0.32531	2.28E-06
chr2	2.33E+08	2.34E+08	904	988	233450000	-0.20056	0.002246533
chr2	2.34E+08	2.34E+08	992	1080	233750000	-0.19499	0.002864746
chr2	2.34E+08	2.34E+08	492	511	2.34E+08	-0.12704	0.035703112
chr2	2.34E+08	2.34E+08	494	520	234050000	-0.14637	0.018921795
chr2	2.34E+08	2.34E+08	910	948	234100000	-0.13139	0.031121607
chr2	2.34E+08	2.34E+08	1062	1113	234350000	-0.14004	0.023462151
chr2	2.34E+08	2.34E+08	1006	1075	234400000	-0.16808	0.008579024
chr2	2.35E+08	2.35E+08	972	1130	234700000	-0.28967	2.17E-05
chr2	2.35E+08	2.35E+08	996	1110	234750000	-0.22871	0.000603885
chr2	2.35E+08	2.35E+08	892	939	235250000	-0.14645	0.018869025
chr2	2.35E+08	2.35E+08	906	936	235300000	-0.11937	0.045106368
chr2	2.35E+08	2.35E+08	1039	1085	235400000	-0.13487	0.027822358
chr2	2.35E+08	2.36E+08	1030	1095	235450000	-0.16066	0.011348396
chr2	2.36E+08	2.36E+08	1028	1099	236100000	-0.16872	0.008369122
chr2	2.36E+08	2.36E+08	1028	1071	236250000	-0.13149	0.031024707
chr2	2.37E+08	2.37E+08	996	1086	236600000	-0.19718	0.002605614
chr2	2.37E+08	2.37E+08	1036	1100	236650000	-0.15885	0.012130609
chr2	2.37E+08	2.37E+08	964	994	2.37E+08	-0.11658	0.048980571
chr2	2.37E+08	2.37E+08	979	1043	237050000	-0.16373	0.010119238

chr2	2.37E+08	2.37E+08	1016	1070	237100000	-0.14708	0.018462869
chr2	2.37E+08	2.37E+08	1037	1078	237150000	-0.12831	0.034306516
chr2	2.37E+08	2.38E+08	1031	1065	237450000	-0.11918	0.045360407
chr2	2.37E+08	2.38E+08	1118	1183	237500000	-0.1539	0.014517508
chr2	2.38E+08	2.38E+08	1150	1201	237550000	-0.13497	0.027729398
chr2	2.38E+08	2.38E+08	1107	1148	237600000	-0.12484	0.038217021
chr2	2.38E+08	2.38E+08	1089	1147	237900000	-0.14723	0.018366448
chr2	2.38E+08	2.38E+08	1055	1099	237950000	-0.13132	0.031193303
chr2	2.38E+08	2.38E+08	1093	1165	238050000	-0.16441	0.009864131
chr2	2.38E+08	2.38E+08	1104	1153	238300000	-0.13502	0.027684276
chr2	2.38E+08	2.38E+08	1038	1169	238350000	-0.24384	0.0002812
chr2	2.38E+08	2.38E+08	1034	1175	238400000	-0.2568	0.000141458
chr2	2.38E+08	2.39E+08	1033	1159	238450000	-0.23841	0.000371682
chr2	2.38E+08	2.39E+08	997	1085	238500000	-0.1944	0.002938486
chr2	2.39E+08	2.39E+08	955	1039	238550000	-0.19399	0.002990331
chr2	2.39E+08	2.39E+08	988	1049	238600000	-0.1588	0.012151916
chr2	2.39E+08	2.39E+08	966	1024	238650000	-0.15649	0.013221926
chr2	2.39E+08	2.39E+08	1018	1094	2.39E+08	-0.17625	0.006234055
chr2	2.39E+08	2.39E+08	1089	1273	239050000	-0.2976	1.34E-05
chr2	2.39E+08	2.39E+08	1025	1121	239100000	-0.20153	0.002151787
chr2	2.39E+08	2.39E+08	979	1066	239150000	-0.1952	0.002839212
chr2	2.39E+08	2.39E+08	969	1085	239200000	-0.2355	0.000430791
chr2	2.39E+08	2.39E+08	928	1033	239250000	-0.22702	0.000656325
chr2	2.39E+08	2.39E+08	992	1030	239300000	-0.1266	0.036187023
chr2	2.39E+08	2.39E+08	1055	1101	239350000	-0.13394	0.028672441
chr2	2.39E+08	2.39E+08	1064	1167	239400000	-0.20568	0.001787988
chr2	2.39E+08	2.4E+08	1064	1099	239450000	-0.11907	0.045517222
chr2	2.4E+08	2.4E+08	1106	1147	239650000	-0.12489	0.038162266
chr2	2.4E+08	2.4E+08	1057	1104	239750000	-0.13514	0.027583121
chr2	2.4E+08	2.4E+08	737	804	239800000	-0.1979	0.002524585
chr2	2.4E+08	2.4E+08	1024	1091	239900000	-0.16381	0.010089987
chr2	2.4E+08	2.4E+08	1063	1158	239950000	-0.19587	0.002758478
chr2	2.4E+08	2.4E+08	1134	1233	2.40E+08	-0.19312	0.003104157
chr2	2.4E+08	2.4E+08	1102	1263	240050000	-0.2691	7.17E-05
chr2	2.4E+08	2.4E+08	1078	1183	240100000	-0.20646	0.001725634
chr2	2.4E+08	2.4E+08	1079	1165	240250000	-0.18301	0.00474376
chr2	2.4E+08	2.41E+08	1145	1191	240450000	-0.1292	0.03336527
chr2	2.41E+08	2.41E+08	1076	1160	240550000	-0.18082	0.005187032
chr2	2.41E+08	2.41E+08	1082	1175	240600000	-0.19133	0.003350755
chr2	2.41E+08	2.41E+08	1130	1239	240650000	-0.20523	0.001824828
chr2	2.41E+08	2.41E+08	1073	1186	240700000	-0.21683	0.001069989
chr2	2.41E+08	2.41E+08	953	1046	240850000	-0.20671	0.001706863
chr2	2.41E+08	2.41E+08	1107	1223	240900000	-0.21614	0.00110498
chr2	2.41E+08	2.41E+08	1030	1069	240950000	-0.12599	0.036883885
chr2	2.41E+08	2.41E+08	954	989	2.41E+08	-0.12435	0.03879228
chr2	2.41E+08	2.41E+08	1023	1055	241050000	-0.11681	0.048659184
chr2	2.41E+08	2.41E+08	1127	1186	241100000	-0.14599	0.019174156

chr2	2.41E+08	2.41E+08	1101	1227	241150000	-0.22869	0.000604516
chr2	2.41E+08	2.41E+08	1053	1164	241200000	-0.21696	0.001063378
chr2	2.41E+08	2.41E+08	1055	1103	241250000	-0.13656	0.026327837
chr2	2.41E+08	2.41E+08	1129	1171	241300000	-0.12507	0.037949451
chr2	2.41E+08	2.41E+08	1148	1308	241350000	-0.26061	0.000114891
chr2	2.41E+08	2.41E+08	1074	1246	241400000	-0.28668	2.59E-05
chr2	2.41E+08	2.42E+08	989	1040	241450000	-0.14491	0.019896038
chr2	2.41E+08	2.42E+08	1005	1122	241500000	-0.23125	0.000532794
chr2	2.42E+08	2.42E+08	1076	1188	241550000	-0.21523	0.00115324
chr2	2.42E+08	2.42E+08	812	886	241600000	-0.1982	0.002492129
chr2	2.42E+08	2.42E+08	855	1049	241650000	-0.36739	1.21E-07
chr2	2.42E+08	2.42E+08	1159	1295	241700000	-0.23244	0.000502065
chr2	2.42E+08	2.42E+08	1134	1223	241750000	-0.18138	0.005070826
chr2	2.42E+08	2.42E+08	1075	1226	241800000	-0.26199	0.000106482
chr2	2.42E+08	2.42E+08	1057	1264	241850000	-0.33039	1.63E-06
chr2	2.42E+08	2.42E+08	1030	1260	241900000	-0.36315	1.65E-07
chr2	2.42E+08	2.42E+08	983	1155	241950000	-0.305	8.46E-06
chr2	2.42E+08	2.42E+08	989	1126	2.42E+08	-0.25954	0.000121861
chr2	2.42E+08	2.42E+08	1045	1134	242050000	-0.19029	0.003502224
chr2	2.42E+08	2.42E+08	1041	1084	242100000	-0.13077	0.031748265
chr2	2.42E+08	2.42E+08	1005	1038	242200000	-0.11898	0.045628869
chr2	2.42E+08	2.42E+08	959	1034	242400000	-0.18101	0.005147814
chr2	2.42E+08	2.43E+08	1023	1125	242450000	-0.20949	0.001503796
chr2	2.42E+08	2.43E+08	937	1026	242500000	-0.20328	0.001990879
chr2	2.43E+08	2.43E+08	915	951	242550000	-0.12805	0.03459564
chr2	2.43E+08	2.43E+08	879	1007	242650000	-0.2685	7.41E-05
chr2	2.43E+08	2.43E+08	854	1055	242700000	-0.37731	5.80E-08
chr2	2.43E+08	2.43E+08	840	1004	242750000	-0.32967	1.71E-06
chr2	2.43E+08	2.43E+08	976	1141	242800000	-0.29772	1.33E-05
chr2	2.43E+08	2.43E+08	1079	1192	242850000	-0.21606	0.001109126
chr2	2.43E+08	2.43E+08	3	4	243150000	-0.48741	5.63E-12
chr2	2.43E+08	2.43E+08	3	4	243200000	-0.48741	5.63E-12
chr9	1	100000	17	25	50000	-0.62877	2.85E-18
chr9	50001	150000	34	37	1.00E+05	-0.19436	0.002943437
chr9	100001	200000	36	30	150000	0.190663	0.003540577
chr9	350001	450000	1069	909	4.00E+05	0.161538	0.011170187
chr9	800001	900000	925	805	850000	0.128093	0.034853627
chr9	850001	950000	1024	874	9.00E+05	0.156139	0.013599378
chr9	1100001	1200000	937	806	1150000	0.144897	0.020156424
chr9	1650001	1750000	1093	951	1700000	0.128404	0.034516727
chr9	1850001	1950000	898	935	1900000	-0.13062	0.031893691
chr9	1950001	2050000	978	1052	2.00E+06	-0.1776	0.005906133
chr9	2350001	2450000	959	839	2400000	0.120488	0.043951914
chr9	3050001	3150000	1001	839	3100000	0.182327	0.004993872
chr9	3200001	3300000	1104	936	3250000	0.165788	0.009533289
chr9	3250001	3350000	1035	904	3300000	0.122864	0.040922632
chr9	3450001	3550000	983	828	3500000	0.175189	0.0066401

chr9	3500001	3600000	962	820	3550000	0.158041	0.012695716
chr9	3800001	3900000	980	1017	3850000	-0.12584	0.037057276
chr9	3850001	3950000	983	1041	3900000	-0.15508	0.013915992
chr9	5450001	5550000	898	927	5500000	-0.11823	0.046666333
chr9	5500001	5600000	962	1015	5550000	-0.14974	0.016826318
chr9	5900001	6000000	1004	798	5950000	0.258927	0.000134224
chr9	5950001	6050000	949	819	6.00E+06	0.140173	0.023627054
chr9	6250001	6350000	701	760	6300000	-0.18896	0.003704816
chr9	6300001	6400000	739	779	6350000	-0.14842	0.017623246
chr9	6400001	6500000	977	843	6450000	0.140454	0.023407141
chr9	6450001	6550000	923	800	6500000	0.133959	0.028947918
chr9	6500001	6600000	933	811	6550000	0.129803	0.033036925
chr9	6650001	6750000	635	669	6700000	-0.14762	0.018120617
chr9	6850001	6950000	982	1014	6900000	-0.11863	0.04610374
chr9	6900001	7000000	961	1023	6950000	-0.16257	0.010569222
chr9	8100001	8200000	949	1029	8150000	-0.18913	0.003677159
chr9	8500001	8600000	982	1055	8550000	-0.17582	0.006340864
chr9	8550001	8650000	963	1067	8600000	-0.22032	0.000906586
chr9	8600001	8700000	979	1027	8650000	-0.14143	0.022396763
chr9	9600001	9700000	1060	912	9650000	0.144587	0.020370505
chr9	10250001	10350000	996	819	10300000	0.209911	0.001527669
chr9	10300001	10400000	991	860	10350000	0.132177	0.030646817
chr9	10450001	10550000	967	844	10500000	0.123901	0.039655175
chr9	10500001	10600000	980	858	10550000	0.119432	0.045355137
chr9	10900001	11000000	918	784	10950000	0.155269	0.014030872
chr9	11100001	11200000	1038	897	11150000	0.138255	0.025173537
chr9	11650001	11750000	987	843	11700000	0.155146	0.014092843
chr9	11700001	11800000	947	812	11750000	0.149513	0.01719474
chr9	12000001	12100000	1002	874	12050000	0.124806	0.03857587
chr9	12200001	12300000	1030	835	12250000	0.230424	0.000580855
chr9	12250001	12350000	994	853	12300000	0.148328	0.017916857
chr9	12850001	12950000	991	829	12900000	0.185141	0.004452517
chr9	12900001	13000000	985	833	12950000	0.169435	0.008300316
chr9	13000001	13100000	1038	906	13050000	0.123852	0.039714833
chr9	13200001	13300000	1062	921	13250000	0.133139	0.0297195
chr9	13250001	13350000	939	817	13300000	0.128417	0.03450281
chr9	14100001	14200000	1064	920	14150000	0.137421	0.025872195
chr9	14250001	14350000	1077	1112	14300000	-0.11851	0.046274051
chr9	14400001	14500000	993	1034	14450000	-0.13074	0.03177263
chr9	15000001	15100000	769	665	15050000	0.137257	0.026010709
chr9	15500001	15600000	836	710	15550000	0.163312	0.010459169
chr9	16750001	16850000	985	822	16800000	0.188614	0.003857279
chr9	16800001	16900000	989	848	16850000	0.149534	0.017181833
chr9	17350001	17450000	968	1004	17400000	-0.12505	0.037967313
chr9	17950001	18050000	1131	936	1.80E+07	0.200647	0.00230796
chr9	18000001	18100000	1095	950	18050000	0.13256	0.03027485
chr9	18400001	18500000	1083	949	18450000	0.118181	0.047063996

chr9	18450001	18550000	1067	897	18500000	0.178009	0.005939658
chr9	18500001	18600000	990	838	18550000	0.168107	0.008732241
chr9	19550001	19650000	995	1073	19600000	-0.18125	0.005096101
chr9	19850001	19950000	896	976	19900000	-0.19575	0.002771797
chr9	19900001	20000000	969	1030	19950000	-0.16045	0.011437308
chr9	20700001	20800000	963	808	20750000	0.180809	0.005309895
chr9	20750001	20850000	945	778	20800000	0.208172	0.001652522
chr9	20800001	20900000	1064	915	20850000	0.145283	0.019893587
chr9	21450001	21550000	885	920	21500000	-0.12833	0.034290243
chr9	22500001	22600000	938	815	22550000	0.130416	0.032405571
chr9	22550001	22650000	975	847	22600000	0.130668	0.032148421
chr9	22650001	22750000	854	749	22700000	0.116899	0.048870079
chr9	22700001	22800000	852	695	22750000	0.221469	0.000893981
chr9	23450001	23550000	1025	885	23500000	0.139503	0.024157951
chr9	23500001	23600000	1097	962	23550000	0.117083	0.048607143
chr9	23700001	23800000	996	1031	23750000	-0.1222	0.041427356
chr9	24050001	24150000	1029	882	24100000	0.150021	0.016892961
chr9	24300001	24400000	979	851	24350000	0.129778	0.033063356
chr9	24350001	24450000	1028	846	24400000	0.208739	0.001610839
chr9	24400001	24500000	1028	859	24450000	0.186738	0.004169175
chr9	24650001	24750000	938	818	24700000	0.125115	0.038211792
chr9	24950001	25050000	940	820	2.50E+07	0.124665	0.038741914
chr9	25500001	25600000	1071	905	25550000	0.170597	0.007938331
chr9	25550001	25650000	1046	906	25600000	0.134928	0.028057461
chr9	25650001	25750000	949	828	25700000	0.124406	0.039050215
chr9	26100001	26200000	1047	885	26150000	0.17014	0.00807896
chr9	26150001	26250000	1100	845	26200000	0.308109	7.71E-06
chr9	26200001	26300000	983	774	26250000	0.272486	6.36E-05
chr9	26600001	26700000	928	965	26650000	-0.12878	0.033811293
chr9	26650001	26750000	925	964	26700000	-0.13195	0.030570308
chr9	26750001	26850000	902	782	26800000	0.133587	0.029295714
chr9	26800001	26900000	893	776	26850000	0.130232	0.032594465
chr9	27000001	27100000	956	826	27050000	0.138497	0.024973611
chr9	27250001	27350000	949	794	27300000	0.184897	0.004497265
chr9	27450001	27550000	1085	912	27500000	0.178218	0.00589045
chr9	28150001	28250000	1004	867	28200000	0.139284	0.024333771
chr9	28200001	28300000	1025	863	28250000	0.17582	0.006477331
chr9	28250001	28350000	1006	881	28300000	0.119045	0.045879383
chr9	28800001	28900000	1052	831	28850000	0.267843	8.25E-05
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chr9	28950001	29050000	985	839	2.90E+07	0.159081	0.01222415
chr9	29000001	29100000	988	827	29050000	0.184252	0.004617632
chr9	29150001	29250000	1091	932	29200000	0.154877	0.014228746
chr9	29200001	29300000	1019	872	29250000	0.152382	0.015548311
chr9	29250001	29350000	961	826	29300000	0.146023	0.019396861
chr9	29300001	29400000	987	829	29350000	0.179306	0.005639982
chr9	29800001	29900000	973	848	29850000	0.126004	0.0371831

chr9	29850001	29950000	1003	842	29900000	0.180058	0.005472671
chr9	30050001	30150000	990	862	30100000	0.127369	0.035646871
chr9	30100001	30200000	989	829	30150000	0.182227	0.005014322
chr9	30300001	30400000	1023	893	30350000	0.123702	0.03989572
chr9	30350001	30450000	1025	866	30400000	0.170813	0.007872515
chr9	30400001	30500000	962	820	30450000	0.158041	0.012695716
chr9	30450001	30550000	949	829	30500000	0.122664	0.04117101
chr9	30500001	30600000	911	784	30550000	0.144226	0.020621786
chr9	30550001	30650000	929	777	30600000	0.185392	0.004406871
chr9	30750001	30850000	974	852	30800000	0.120697	0.043679243
chr9	30900001	31000000	993	862	30950000	0.131734	0.031081279
chr9	30950001	31050000	929	804	3.10E+07	0.136111	0.027001588
chr9	31700001	31800000	1045	901	31750000	0.141532	0.022580315
chr9	31750001	31850000	1045	889	31800000	0.160876	0.011446099
chr9	31800001	31900000	1011	866	31850000	0.150972	0.016339555
chr9	32100001	32200000	883	743	32150000	0.176679	0.006261183
chr9	32150001	32250000	851	730	32200000	0.148891	0.017570752
chr9	32200001	32300000	832	892	32250000	-0.17283	0.007134558
chr9	33050001	33150000	869	913	33100000	-0.14363	0.02078699
chr9	33100001	33200000	942	1053	33150000	-0.23308	0.000486407
chr9	33150001	33250000	925	1001	33200000	-0.18629	0.004142383
chr9	34350001	34450000	996	1064	34400000	-0.16765	0.008720184
chr9	34400001	34500000	1013	1072	34450000	-0.15404	0.014444357
chr9	34500001	34600000	1059	1238	34550000	-0.29768	1.33E-05
chr9	34550001	34650000	1073	1266	34600000	-0.311	5.79E-06
chr9	35300001	35400000	1031	1114	35350000	-0.18408	0.004539644
chr9	35450001	35550000	964	845	35500000	0.11771	0.047721359
chr9	35600001	35700000	970	1045	35650000	-0.17982	0.005401716
chr9	35650001	35750000	1064	1110	35700000	-0.13343	0.029148757
chr9	36600001	36700000	898	784	36650000	0.12349	0.040153846
chr9	36700001	36800000	1068	1106	36750000	-0.12281	0.040663191
chr9	36750001	36850000	1107	1161	36800000	-0.14108	0.02265636
chr9	37250001	37350000	1003	878	37300000	0.119657	0.04505359
chr9	37350001	37450000	928	1024	37400000	-0.21439	0.001199247
chr9	38000001	38100000	1053	1153	38050000	-0.20326	0.001992898
chr9	38300001	38400000	1047	1099	38350000	-0.1423	0.021745614
chr9	38750001	38850000	244	261	38800000	-0.16954	0.008109484
chr9	38800001	38900000	15	16	38850000	-0.16548	0.009472046
chr9	38850001	38950000	8	13	38900000	-0.77281	8.72E-26
chr9	38900001	39000000	6	13	38950000	-1.18785	3.12E-51
chr9	39050001	39150000	80	69	39100000	0.141032	0.022960915
chr9	39150001	39250000	38	44	39200000	-0.28388	3.06E-05
chr9	39700001	39800000	4	6	39750000	-0.65733	1.11E-19
chr9	39750001	39850000	4	9	39800000	-1.2423	9.13E-55
chr9	39800001	39900000	2	5	39850000	-1.3943	1.23E-64
chr9	40100001	40200000	1	3	40150000	-1.65733	2.87E-81
chr9	40150001	40250000	0	1	40200000	#NAME?	1.59E-189

chr9	40200001	40300000	0	1	40250000	#NAME?	1.59E-189
chr9	40250001	40350000	8	5	40300000	0.6057	7.32E-17
chr9	40300001	40400000	9	6	40350000	0.512591	8.10E-13
chr9	40400001	40500000	5	1	40450000	2.249556	7.16E-109
chr9	40450001	40550000	13	5	40500000	1.30614	6.62E-57
chr9	40500001	40600000	14	8	40550000	0.734983	3.27E-23
chr9	40550001	40650000	17	12	40600000	0.430129	1.15E-09
chr9	40600001	40700000	15	9	40650000	0.664594	1.17E-19
chr9	40650001	40750000	11	6	40700000	0.802097	8.67E-27
chr9	40750001	40850000	19	23	40800000	-0.34801	4.86E-07
chr9	40850001	40950000	5	4	40900000	0.249556	0.000220671
chr9	40900001	41000000	0	1	40950000	#NAME?	1.59E-189
chr9	41000001	41100000	0	1	41050000	#NAME?	1.59E-189
chr9	41050001	41150000	0	3	41100000	#NAME?	1.59E-189
chr9	41100001	41200000	0	2	41150000	#NAME?	1.59E-189
chr9	41150001	41250000	3	1	41200000	1.512591	1.57E-69
chr9	41200001	41300000	5	2	41250000	1.249556	2.09E-53
chr9	41600001	41700000	0	1	41650000	#NAME?	1.59E-189
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chr9	42050001	42150000	1	2	42100000	-1.07237	8.26E-44
chr9	42100001	42200000	11	9	42150000	0.217135	0.001095891
chr9	42150001	42250000	16	9	42200000	0.757703	2.10E-24
chr9	42200001	42300000	7	2	42250000	1.734983	1.52E-82
chr9	42250001	42350000	3	1	42300000	1.512591	1.57E-69
chr9	42300001	42400000	7	8	42350000	-0.26502	9.01E-05
chr9	42350001	42450000	6	7	42400000	-0.29476	1.59E-05
chr9	42400001	42500000	8	5	42450000	0.6057	7.32E-17
chr9	42450001	42550000	7	5	42500000	0.413055	4.54E-09
chr9	42800001	42900000	3	4	42850000	-0.48741	5.63E-12
chr9	42850001	42950000	5	7	42900000	-0.5578	5.82E-15
chr9	43000001	43100000	4	7	43050000	-0.87973	6.33E-32
chr9	43050001	43150000	4	5	43100000	-0.3943	1.58E-08
chr9	43100001	43200000	8	10	43150000	-0.3943	1.58E-08
chr9	43150001	43250000	5	8	43200000	-0.75044	1.48E-24
chr9	43300001	43400000	20	25	43350000	-0.3943	1.58E-08
chr9	43350001	43450000	20	30	43400000	-0.65733	1.11E-19
chr9	43400001	43500000	32	26	43450000	0.227189	0.000679876
chr9	43450001	43550000	46	36	43500000	0.281265	3.86E-05
chr9	43500001	43600000	28	31	43550000	-0.21921	0.000955804
chr9	43550001	43650000	29	21	43600000	0.393292	2.11E-08
chr9	43600001	43700000	72	59	43650000	0.21491	0.001215103
chr9	43650001	43750000	50	56	43700000	-0.23587	0.000422781
chr9	43700001	43800000	6	11	43750000	-0.94684	5.75E-36
chr9	43750001	43850000	15	6	43800000	1.249556	2.09E-53
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chr9	44100001	44200000	71	79	44150000	-0.22641	0.000676162
chr9	44150001	44250000	75	91	44200000	-0.35135	3.84E-07
chr9	44200001	44300000	40	44	44250000	-0.20988	0.001477547
chr9	44250001	44350000	2	3	44300000	-0.65733	1.11E-19
chr9	44350001	44450000	6	9	44400000	-0.65733	1.11E-19
chr9	44400001	44500000	17	24	44450000	-0.56987	1.67E-15
chr9	44450001	44550000	15	20	44500000	-0.48741	5.63E-12
chr9	44650001	44750000	8	17	44700000	-1.15983	2.03E-49
chr9	44700001	44800000	33	51	44750000	-0.7004	6.93E-22
chr9	44750001	44850000	60	73	44800000	-0.35531	2.90E-07
chr9	44800001	44900000	219	257	44850000	-0.30321	9.46E-06
chr9	44850001	44950000	193	228	44900000	-0.3128	5.16E-06
chr9	44900001	45000000	34	46	44950000	-0.50847	7.76E-13
chr9	44950001	45050000	26	37	4.50E+07	-0.58139	4.98E-16
chr9	45000001	45100000	1	3	45050000	-1.65733	2.87E-81
chr9	45050001	45150000	2	6	45100000	-1.65733	2.87E-81
chr9	45100001	45200000	2	4	45150000	-1.07237	8.26E-44
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chr9	45350001	45450000	39	29	45400000	0.355049	3.45E-07
chr9	45400001	45500000	23	15	45450000	0.5443	3.86E-14
chr9	45500001	45600000	2	4	45550000	-1.07237	8.26E-44
chr9	45550001	45650000	5	3	45600000	0.664594	1.17E-19
chr9	45600001	45700000	7	5	45650000	0.413055	4.54E-09
chr9	45650001	45750000	26	22	45700000	0.168636	0.008557728
chr9	45700001	45800000	25	20	45750000	0.249556	0.000220671
chr9	45750001	45850000	3	1	45800000	1.512591	1.57E-69
chr9	46050001	46150000	4	3	46100000	0.342666	8.12E-07
chr9	46350001	46450000	1	3	46400000	-1.65733	2.87E-81
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chr9	46700001	46800000	5	9	46750000	-0.92037	2.34E-34
chr9	46750001	46850000	5	7	46800000	-0.5578	5.82E-15
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chr9	46850001	46950000	5	8	46900000	-0.75044	1.48E-24
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chr9	47200001	47300000	45	26	47250000	0.719042	2.18E-22
chr9	65500001	65600000	5	4	65550000	0.249556	0.000220671
chr9	65550001	65650000	8	10	65600000	-0.3943	1.58E-08
chr9	65600001	65700000	4	6	65650000	-0.65733	1.11E-19
chr9	65900001	66000000	0	1	65950000	#NAME?	1.59E-189
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chr9	66300001	66400000	28	19	66350000	0.487056	8.51E-12
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chr9	67000001	67100000	3	4	67050000	-0.48741	5.63E-12
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chr9	67250001	67350000	79	84	67300000	-0.16091	0.011243654
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chr9	67800001	67900000	2	10	67850000	-2.3943	1.39E-120
chr9	67850001	67950000	7	9	67900000	-0.43494	5.85E-10
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chr9	68250001	68350000	50	58	68300000	-0.2865	2.62E-05
chr9	68350001	68450000	1538	1586	68400000	-0.11671	0.048801763
chr9	68400001	68500000	1582	1649	68450000	-0.13221	0.030314825
chr9	68500001	68600000	62	54	68550000	0.126937	0.036127101
chr9	68600001	68700000	22	19	68650000	0.139132	0.02445574
chr9	68650001	68750000	37	41	68700000	-0.22047	0.000900288
chr9	68700001	68800000	20	31	68750000	-0.70464	4.16E-22
chr9	68800001	68900000	11	6	68850000	0.802097	8.67E-27
chr9	68900001	69000000	138	143	68950000	-0.12372	0.039553521
chr9	69100001	69200000	15	19	69150000	-0.41341	3.47E-09
chr9	69150001	69250000	13	20	69200000	-0.69386	1.52E-21
chr9	69200001	69300000	9	7	69250000	0.290198	2.29E-05
chr9	69350001	69450000	20	10	69400000	0.927628	7.06E-34
chr9	69400001	69500000	29	25	69450000	0.141753	0.02241399
chr9	69500001	69600000	23	13	69550000	0.75075	4.90E-24
chr9	69550001	69650000	11	9	69600000	0.217135	0.001095891
chr9	69600001	69700000	6	10	69650000	-0.80934	7.76E-28
chr9	69650001	69750000	13	14	69700000	-0.17929	0.00551887
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chr9	69950001	70050000	56	60	7.00E+07	-0.17191	0.007397339
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chr9	70100001	70200000	12	7	70150000	0.705236	1.10E-21
chr9	70150001	70250000	9	6	70200000	0.512591	8.10E-13
chr9	70200001	70300000	1	2	70250000	-1.07237	8.26E-44
chr9	70350001	70450000	3	5	70400000	-0.80934	7.76E-28
chr9	70400001	70500000	8	7	70450000	0.120273	0.044234652

chr9	70450001	70550000	6	3	70500000	0.927628	7.06E-34
chr9	70500001	70600000	5	6	70550000	-0.33541	1.16E-06
chr9	70550001	70650000	9	12	70600000	-0.48741	5.63E-12
chr9	70600001	70700000	11	14	70650000	-0.4203	1.98E-09
chr9	70650001	70750000	7	10	70700000	-0.58694	2.76E-16
chr9	70700001	70800000	1	3	70750000	-1.65733	2.87E-81
chr9	70750001	70850000	5	7	70800000	-0.5578	5.82E-15
chr9	70800001	70900000	11	12	70850000	-0.1979	0.002524585
chr9	70850001	70950000	14	17	70900000	-0.35248	3.55E-07
chr9	70900001	71000000	30	42	70950000	-0.5578	5.82E-15
chr9	71500001	71600000	1043	886	71550000	0.162989	0.010585725
chr9	71750001	71850000	1003	861	71800000	0.147865	0.01820648
chr9	71800001	71900000	985	828	71850000	0.178121	0.005913089
chr9	72350001	72450000	989	845	72400000	0.154647	0.01434622
chr9	72400001	72500000	1023	874	72450000	0.154729	0.014304366
chr9	72650001	72750000	1071	1119	72700000	-0.13562	0.027148823
chr9	72800001	72900000	844	740	72850000	0.117346	0.048234045
chr9	72850001	72950000	928	801	72900000	0.139951	0.023801896
chr9	73050001	73150000	1084	925	73100000	0.156468	0.013439252
chr9	73250001	73350000	674	584	73300000	0.134408	0.028532001
chr9	73400001	73500000	1123	973	73450000	0.134474	0.028471368
chr9	73450001	73550000	1115	876	73500000	0.275669	5.32E-05
chr9	73500001	73600000	1072	903	73550000	0.175135	0.006654106
chr9	73900001	74000000	1023	896	73950000	0.118864	0.046125612
chr9	76300001	76400000	1057	913	76350000	0.138917	0.024630387
chr9	76350001	76450000	1056	854	76400000	0.23393	0.000488783
chr9	76400001	76500000	1078	848	76450000	0.273849	5.89E-05
chr9	76450001	76550000	1024	858	76500000	0.182794	0.004900155
chr9	76500001	76600000	1033	810	76550000	0.278475	4.53E-05
chr9	76550001	76650000	1065	808	76600000	0.326054	2.46E-06
chr9	76850001	76950000	1069	904	76900000	0.169495	0.008281284
chr9	76900001	77000000	1063	875	76950000	0.208415	0.00163456
chr9	77100001	77200000	1116	893	77150000	0.249233	0.000224426
chr9	77150001	77250000	1047	872	77200000	0.19149	0.003419537
chr9	77300001	77400000	1080	910	77350000	0.174721	0.006763139
chr9	77500001	77600000	976	814	77550000	0.189481	0.003720288
chr9	77550001	77650000	1019	805	77600000	0.267722	8.30E-05
chr9	77700001	77800000	890	936	77750000	-0.14507	0.019785772
chr9	78550001	78650000	1012	882	78600000	0.125987	0.037202352
chr9	78700001	78800000	1105	960	78750000	0.130568	0.0322503
chr9	79200001	79300000	940	821	79250000	0.122907	0.040870104
chr9	79550001	79650000	883	937	79600000	-0.15801	0.012511692
chr9	79900001	80000000	925	810	79950000	0.11916	0.045723278
chr9	79950001	80050000	905	786	8.00E+07	0.131017	0.031796396
chr9	80300001	80400000	853	933	80350000	-0.2017	0.002135726
chr9	81300001	81400000	1100	956	81350000	0.130049	0.032782393
chr9	81750001	81850000	992	1023	81800000	-0.11677	0.048720327

chr9	82150001	82250000	970	1007	82200000	-0.12638	0.036441111
chr9	82900001	83000000	902	943	82950000	-0.1365	0.026379237
chr9	83050001	83150000	903	993	83100000	-0.20944	0.001507317
chr9	83150001	83250000	967	800	83200000	0.201144	0.00225825
chr9	83200001	83300000	929	791	83250000	0.159629	0.011981844
chr9	83350001	83450000	936	817	83400000	0.123801	0.039776541
chr9	83400001	83500000	982	849	83450000	0.137587	0.025731806
chr9	83450001	83550000	1020	861	83500000	0.172112	0.007487106
chr9	83500001	83600000	1023	785	83550000	0.30967	7.00E-06
chr9	83550001	83650000	989	803	83600000	0.228199	0.000647399
chr9	84350001	84450000	892	760	84400000	0.158673	0.012407595
chr9	84600001	84700000	922	787	84650000	0.156031	0.013652022
chr9	84700001	84800000	1064	903	84750000	0.164328	0.010069976
chr9	84750001	84850000	1061	884	84800000	0.190935	0.003500351
chr9	84800001	84900000	970	843	84850000	0.13008	0.032750293
chr9	85100001	85200000	979	1036	85150000	-0.15402	0.014458611
chr9	85200001	85300000	1105	952	85250000	0.142641	0.021755666
chr9	85650001	85750000	964	840	85700000	0.126272	0.03687698
chr9	86400001	86500000	350	302	86450000	0.140435	0.023422375
chr9	86550001	86650000	875	767	86600000	0.117685	0.047756936
chr9	86600001	86700000	933	789	86650000	0.16948	0.008286168
chr9	86700001	86800000	1042	892	86750000	0.151868	0.015833049
chr9	87050001	87150000	870	938	87100000	-0.18094	0.005160584
chr9	87100001	87200000	917	1000	87150000	-0.19738	0.002583022
chr9	87400001	87500000	1062	1112	87450000	-0.13874	0.024497682
chr9	88150001	88250000	1040	880	88200000	0.168636	0.008557728
chr9	88200001	88300000	1010	857	88250000	0.164616	0.009962051
chr9	88400001	88500000	392	340	88450000	0.132947	0.029902435
chr9	90150001	90250000	1065	1122	90200000	-0.14759	0.018139751
chr9	90200001	90300000	1064	1106	90250000	-0.12823	0.034401396
chr9	90850001	90950000	874	738	90900000	0.171641	0.007625037
chr9	90900001	91000000	798	664	90950000	0.192834	0.003230754
chr9	91050001	91150000	875	908	91100000	-0.12578	0.037122395
chr9	91100001	91200000	902	952	91150000	-0.15021	0.016554483
chr9	91200001	91300000	914	944	91250000	-0.11896	0.045653656
chr9	91600001	91700000	1044	1106	91650000	-0.1556	0.013655704
chr9	91900001	92000000	1031	1085	91950000	-0.14602	0.019151559
chr9	91950001	92050000	1111	1254	9.20E+07	-0.24705	0.000237845
chr9	92000001	92100000	1057	1162	92050000	-0.20901	0.001537441
chr9	92050001	92150000	1034	1138	92100000	-0.21064	0.001426858
chr9	92100001	92200000	1020	1095	92150000	-0.17473	0.006619886
chr9	92150001	92250000	1032	1094	92200000	-0.15654	0.013198349
chr9	92350001	92450000	70	75	92400000	-0.17191	0.007397339
chr9	92450001	92550000	851	884	92500000	-0.12726	0.035456598
chr9	92500001	92600000	318	347	92550000	-0.19828	0.002483216
chr9	92600001	92700000	231	246	92650000	-0.16314	0.010346992
chr9	93550001	93650000	1029	1123	93600000	-0.19849	0.002460927

chr9	93600001	93700000	1033	1213	93650000	-0.30411	8.94E-06
chr9	93650001	93750000	1040	1169	93700000	-0.24106	0.000324552
chr9	93900001	94000000	1043	897	93950000	0.145187	0.019958281
chr9	94300001	94400000	1041	909	94350000	0.123246	0.040452135
chr9	94350001	94450000	1016	879	94400000	0.136594	0.026580898
chr9	94500001	94600000	1032	1094	94550000	-0.15654	0.013198349
chr9	95100001	95200000	969	793	95150000	0.216804	0.00111291
chr9	95500001	95600000	804	845	95550000	-0.14413	0.020437654
chr9	95550001	95650000	728	767	95600000	-0.14766	0.018096384
chr9	95600001	95700000	757	792	95650000	-0.13758	0.025461244
chr9	95650001	95750000	853	884	95700000	-0.12387	0.039367916
chr9	95750001	95850000	965	1043	95800000	-0.18451	0.004459213
chr9	95800001	95900000	1005	1126	95850000	-0.23638	0.000411977
chr9	95850001	95950000	1010	1109	95900000	-0.20728	0.001663406
chr9	95900001	96000000	1027	1149	95950000	-0.23431	0.000457215
chr9	95950001	96050000	1072	1194	9.60E+07	-0.22787	0.000629441
chr9	96000001	96100000	1035	1072	96050000	-0.12305	0.040374061
chr9	96300001	96400000	997	1052	96350000	-0.14984	0.016768274
chr9	96350001	96450000	1024	1127	96400000	-0.21064	0.001426371
chr9	96600001	96700000	1012	1083	96650000	-0.1702	0.007906522
chr9	96650001	96750000	1019	1157	96700000	-0.25561	0.000150858
chr9	96700001	96800000	920	1007	96750000	-0.20273	0.002040472
chr9	96950001	97050000	831	718	9.70E+07	0.138493	0.024977069
chr9	97000001	97100000	590	505	97050000	0.15206	0.015726292
chr9	97100001	97200000	73	61	97150000	0.186715	0.004173139
chr9	98000001	98100000	943	809	98050000	0.148746	0.017659164
chr9	98200001	98300000	1081	1130	98250000	-0.13633	0.026530225
chr9	98250001	98350000	1009	1067	98300000	-0.15301	0.014990327
chr9	98700001	98800000	973	1010	98750000	-0.12622	0.036626374
chr9	98750001	98850000	996	1097	98800000	-0.21172	0.001357543
chr9	98800001	98900000	1047	1092	98850000	-0.13308	0.029479581
chr9	98850001	98950000	1003	1090	98900000	-0.19238	0.003204708
chr9	98900001	99000000	1008	1098	98950000	-0.19575	0.002771797
chr9	99000001	99100000	881	921	99050000	-0.13643	0.026440902
chr9	99300001	99400000	924	808	99350000	0.121166	0.043070149
chr9	99650001	99750000	150	128	99700000	0.156447	0.013449326
chr9	99700001	99800000	172	134	99750000	0.287804	2.64E-05
chr9	99900001	1E+08	355	306	99950000	0.141916	0.022292237
chr9	1E+08	1.01E+08	1035	1070	100500000	-0.12035	0.043799912
chr9	1.01E+08	1.01E+08	957	995	1.01E+08	-0.12855	0.034052931
chr9	1.01E+08	1.01E+08	950	988	101050000	-0.12896	0.033620948
chr9	1.01E+08	1.01E+08	1056	1129	101400000	-0.16881	0.008341942
chr9	1.01E+08	1.02E+08	1070	1110	101450000	-0.12532	0.037654219
chr9	1.02E+08	1.02E+08	1008	1055	101600000	-0.13812	0.025010881
chr9	1.02E+08	1.02E+08	989	1050	101900000	-0.15872	0.012189819
chr9	1.02E+08	1.02E+08	985	1040	101950000	-0.15076	0.016234464
chr9	1.02E+08	1.02E+08	964	1025	1.02E+08	-0.16089	0.011251086

chr9	1.03E+08	1.03E+08	890	774	102950000	0.1291	0.033774248
chr9	1.03E+08	1.03E+08	922	780	1.03E+08	0.168921	0.008465282
chr9	1.03E+08	1.03E+08	946	816	103050000	0.140899	0.0230627
chr9	1.03E+08	1.04E+08	724	758	103500000	-0.13858	0.02463205
chr9	1.04E+08	1.04E+08	1039	856	103750000	0.207141	0.001730937
chr9	1.04E+08	1.04E+08	1018	1051	104150000	-0.1184	0.046430055
chr9	1.05E+08	1.05E+08	1004	853	104600000	0.16277	0.010672167
chr9	1.05E+08	1.05E+08	951	825	1.05E+08	0.132679	0.030159319
chr9	1.05E+08	1.05E+08	872	763	105100000	0.120273	0.044234652
chr9	1.05E+08	1.05E+08	920	805	105150000	0.120273	0.044234652
chr9	1.05E+08	1.05E+08	984	845	105200000	0.147335	0.01854212
chr9	1.05E+08	1.05E+08	995	855	105250000	0.1464	0.019147641
chr9	1.05E+08	1.05E+08	1012	827	105400000	0.218878	0.001010091
chr9	1.05E+08	1.06E+08	1029	881	105450000	0.151657	0.015950925
chr9	1.06E+08	1.06E+08	1016	862	105650000	0.164769	0.00990532
chr9	1.06E+08	1.06E+08	919	772	1.06E+08	0.179092	0.005688447
chr9	1.06E+08	1.06E+08	996	831	106050000	0.188925	0.003807479
chr9	1.06E+08	1.06E+08	1000	858	106350000	0.148579	0.017762127
chr9	1.06E+08	1.06E+08	968	835	106400000	0.140859	0.023093618
chr9	1.06E+08	1.07E+08	1017	886	106450000	0.126569	0.036540213
chr9	1.06E+08	1.07E+08	993	792	106500000	0.253922	0.000175381
chr9	1.07E+08	1.07E+08	1007	812	106550000	0.23814	0.000396163
chr9	1.07E+08	1.07E+08	975	829	106600000	0.161658	0.011120611
chr9	1.07E+08	1.07E+08	1036	846	106650000	0.219923	0.000961702
chr9	1.07E+08	1.07E+08	1098	959	106700000	0.122904	0.040874063
chr9	1.07E+08	1.07E+08	945	805	107250000	0.158954	0.012281076
chr9	1.07E+08	1.07E+08	987	865	107300000	0.117978	0.047346567
chr9	1.08E+08	1.08E+08	990	1022	107550000	-0.11827	0.046609841
chr9	1.08E+08	1.08E+08	979	1063	107600000	-0.19113	0.003379264
chr9	1.08E+08	1.08E+08	971	1002	108050000	-0.11771	0.047382292
chr9	1.08E+08	1.08E+08	916	948	108200000	-0.12191	0.041789371
chr9	1.08E+08	1.08E+08	763	650	108300000	0.158872	0.012317939
chr9	1.08E+08	1.08E+08	915	799	108350000	0.123204	0.040503222
chr9	1.09E+08	1.09E+08	1044	911	109100000	0.124227	0.039263502
chr9	1.09E+08	1.09E+08	1073	903	109150000	0.17648	0.006310644
chr9	1.09E+08	1.09E+08	1057	892	109200000	0.172488	0.00737878
chr9	1.1E+08	1.1E+08	1014	870	110350000	0.148599	0.017749877
chr9	1.11E+08	1.11E+08	928	958	110550000	-0.11827	0.046601436
chr9	1.11E+08	1.12E+08	874	958	111500000	-0.20476	0.001863032
chr9	1.12E+08	1.12E+08	970	1001	111550000	-0.11776	0.047317915
chr9	1.12E+08	1.12E+08	1021	874	111700000	0.151906	0.015811849
chr9	1.12E+08	1.13E+08	969	1048	112500000	-0.18544	0.004290593
chr9	1.13E+08	1.13E+08	981	1087	112550000	-0.2204	0.000903374
chr9	1.13E+08	1.13E+08	963	1009	112600000	-0.13969	0.023739004
chr9	1.13E+08	1.13E+08	831	857	113200000	-0.11682	0.048645066
chr9	1.13E+08	1.13E+08	919	780	113400000	0.164219	0.010111297
chr9	1.14E+08	1.14E+08	1017	870	113900000	0.152861	0.015287465

chr9	1.14E+08	1.15E+08	965	825	114450000	0.153763	0.014805626
chr9	1.14E+08	1.15E+08	1020	837	114500000	0.212898	0.001333077
chr9	1.15E+08	1.15E+08	985	841	114550000	0.155646	0.013842254
chr9	1.15E+08	1.15E+08	979	840	114650000	0.148548	0.017781174
chr9	1.15E+08	1.15E+08	982	840	114950000	0.152962	0.0152327
chr9	1.15E+08	1.15E+08	1004	851	1.15E+08	0.166156	0.009401817
chr9	1.15E+08	1.15E+08	1003	856	115300000	0.156267	0.013536694
chr9	1.16E+08	1.16E+08	654	738	115800000	-0.2467	0.000242228
chr9	1.16E+08	1.16E+08	945	823	1.16E+08	0.12705	0.036000829
chr9	1.16E+08	1.16E+08	1083	1146	116300000	-0.15395	0.014494666
chr9	1.16E+08	1.16E+08	1052	1185	116350000	-0.24412	0.000277087
chr9	1.16E+08	1.16E+08	1038	1155	116400000	-0.22646	0.000674423
chr9	1.16E+08	1.17E+08	977	1078	116450000	-0.2143	0.001204418
chr9	1.17E+08	1.17E+08	1126	1260	116900000	-0.23459	0.000450962
chr9	1.17E+08	1.17E+08	1091	1290	116950000	-0.31409	4.75E-06
chr9	1.17E+08	1.17E+08	1098	1218	1.17E+08	-0.22201	0.000836443
chr9	1.17E+08	1.17E+08	935	1001	117100000	-0.17078	0.007730705
chr9	1.17E+08	1.17E+08	1064	1167	117150000	-0.20568	0.001787988
chr9	1.17E+08	1.17E+08	1039	1137	117200000	-0.20241	0.002069863
chr9	1.17E+08	1.17E+08	1044	915	117300000	0.117906	0.047446814
chr9	1.18E+08	1.18E+08	1088	945	117950000	0.130921	0.031893281
chr9	1.18E+08	1.18E+08	1147	1005	1.18E+08	0.118298	0.046902489
chr9	1.18E+08	1.18E+08	921	966	118150000	-0.14119	0.022573295
chr9	1.18E+08	1.18E+08	1108	930	118350000	0.180283	0.005423272
chr9	1.18E+08	1.18E+08	1152	948	118400000	0.20881	0.001605679
chr9	1.19E+08	1.19E+08	1068	928	118550000	0.130343	0.03248019
chr9	1.19E+08	1.19E+08	1002	849	118600000	0.166674	0.009219761
chr9	1.19E+08	1.19E+08	1004	863	118650000	0.145955	0.019441948
chr9	1.2E+08	1.2E+08	1110	973	119900000	0.117676	0.047768824
chr9	1.2E+08	1.2E+08	1080	1114	120150000	-0.11709	0.048258577
chr9	1.21E+08	1.21E+08	1039	908	120650000	0.12206	0.041928845
chr9	1.21E+08	1.21E+08	1022	872	120800000	0.156623	0.013364047
chr9	1.21E+08	1.21E+08	995	829	120850000	0.190953	0.003497697
chr9	1.21E+08	1.21E+08	1047	892	120900000	0.158774	0.012361791
chr9	1.21E+08	1.21E+08	1096	952	120950000	0.130843	0.031972052
chr9	1.21E+08	1.21E+08	1021	882	121100000	0.138761	0.024757722
chr9	1.22E+08	1.22E+08	1001	868	121700000	0.133303	0.029563513
chr9	1.22E+08	1.22E+08	1122	966	122050000	0.143606	0.021059202
chr9	1.22E+08	1.22E+08	1040	910	122350000	0.120273	0.044234652
chr9	1.23E+08	1.23E+08	1054	1108	122700000	-0.14445	0.020210489
chr9	1.23E+08	1.23E+08	1052	1173	122750000	-0.22944	0.000582669
chr9	1.24E+08	1.24E+08	904	949	124200000	-0.14246	0.021631623
chr9	1.24E+08	1.24E+08	828	938	124250000	-0.25233	0.000179879
chr9	1.24E+08	1.24E+08	844	964	124300000	-0.26416	9.45E-05
chr9	1.24E+08	1.24E+08	932	1049	124350000	-0.24298	0.000293944
chr9	1.24E+08	1.24E+08	1010	1080	124400000	-0.16905	0.008265076
chr9	1.24E+08	1.25E+08	1127	1199	124450000	-0.16172	0.01091127

chr9	1.24E+08	1.25E+08	1172	1249	124500000	-0.16417	0.00995213
chr9	1.25E+08	1.25E+08	1035	1078	124650000	-0.1311	0.031414813
chr9	1.25E+08	1.25E+08	979	1034	124800000	-0.15123	0.015968431
chr9	1.25E+08	1.25E+08	1041	1116	124850000	-0.17274	0.007160676
chr9	1.25E+08	1.25E+08	1064	1167	124900000	-0.20568	0.001787988
chr9	1.25E+08	1.25E+08	1075	1161	124950000	-0.1834	0.004667224
chr9	1.25E+08	1.25E+08	977	1008	125150000	-0.11744	0.047767293
chr9	1.25E+08	1.25E+08	901	755	125350000	0.182679	0.004923231
chr9	1.26E+08	1.26E+08	917	961	126050000	-0.13999	0.02350541
chr9	1.26E+08	1.26E+08	1011	1114	126100000	-0.21234	0.001319189
chr9	1.26E+08	1.26E+08	1066	1210	126150000	-0.25517	0.000154441
chr9	1.26E+08	1.26E+08	1003	1079	126200000	-0.17775	0.005871937
chr9	1.26E+08	1.26E+08	982	1083	126250000	-0.21361	0.001243631
chr9	1.26E+08	1.26E+08	1022	1075	126300000	-0.14531	0.019624629
chr9	1.27E+08	1.27E+08	1022	896	126550000	0.117453	0.048083151
chr9	1.27E+08	1.27E+08	1050	875	126600000	0.190663	0.003540577
chr9	1.27E+08	1.27E+08	998	857	126650000	0.147373	0.018518089
chr9	1.27E+08	1.27E+08	999	1049	126750000	-0.14283	0.021360186
chr9	1.27E+08	1.27E+08	977	1112	126800000	-0.2591	0.000124813
chr9	1.27E+08	1.27E+08	977	1062	126850000	-0.19273	0.003157585
chr9	1.27E+08	1.27E+08	1113	1190	127100000	-0.16888	0.008318746
chr9	1.27E+08	1.27E+08	1002	1091	127150000	-0.19514	0.002846342
chr9	1.27E+08	1.27E+08	983	1090	127200000	-0.22144	0.000859662
chr9	1.27E+08	1.27E+08	1085	1256	127250000	-0.28351	3.12E-05
chr9	1.27E+08	1.27E+08	1078	1132	127300000	-0.14289	0.021317719
chr9	1.28E+08	1.28E+08	924	802	127700000	0.131919	0.030899271
chr9	1.28E+08	1.28E+08	1018	871	128350000	0.152621	0.015417551
chr9	1.29E+08	1.29E+08	1001	1058	128750000	-0.15227	0.015388826
chr9	1.29E+08	1.29E+08	964	1050	128800000	-0.19566	0.002783596
chr9	1.29E+08	1.29E+08	1025	1110	128850000	-0.18731	0.003970073
chr9	1.29E+08	1.29E+08	1123	1192	129150000	-0.1584	0.012333992
chr9	1.29E+08	1.29E+08	1053	1177	129200000	-0.23298	0.000488783
chr9	1.29E+08	1.29E+08	1034	1137	129250000	-0.20937	0.001512264
chr9	1.29E+08	1.29E+08	1016	1090	129350000	-0.1738	0.006868418
chr9	1.29E+08	1.29E+08	1099	1175	129400000	-0.16884	0.008331121
chr9	1.3E+08	1.3E+08	1075	1126	129950000	-0.13924	0.024096242
chr9	1.3E+08	1.3E+08	1085	1124	1.30E+08	-0.12332	0.040039606
chr9	1.3E+08	1.3E+08	915	951	130350000	-0.12805	0.03459564
chr9	1.3E+08	1.31E+08	980	1063	130500000	-0.18966	0.003596678
chr9	1.31E+08	1.31E+08	900	959	130550000	-0.16398	0.010025503
chr9	1.31E+08	1.31E+08	1011	1082	130650000	-0.17029	0.007877916
chr9	1.31E+08	1.31E+08	1083	1139	130700000	-0.14511	0.019764533
chr9	1.31E+08	1.31E+08	923	1003	130850000	-0.19229	0.003216695
chr9	1.31E+08	1.31E+08	1000	1064	130900000	-0.16187	0.010848857
chr9	1.31E+08	1.31E+08	899	953	1.31E+08	-0.15653	0.013205382
chr9	1.31E+08	1.31E+08	809	898	131200000	-0.22295	0.000799506
chr9	1.31E+08	1.31E+08	736	802	131250000	-0.19627	0.002710733

chr9	1.31E+08	1.31E+08	1010	871	131350000	0.141239	0.022802762
chr9	1.31E+08	1.32E+08	742	792	131450000	-0.16645	0.009128739
chr9	1.31E+08	1.32E+08	813	842	131500000	-0.12294	0.04050862
chr9	1.32E+08	1.32E+08	847	881	131700000	-0.12915	0.033413442
chr9	1.32E+08	1.32E+08	893	947	131850000	-0.15708	0.012944286
chr9	1.32E+08	1.32E+08	952	1051	132050000	-0.2151	0.00116014
chr9	1.32E+08	1.32E+08	964	1011	132100000	-0.14105	0.022682869
chr9	1.32E+08	1.32E+08	1039	1100	132150000	-0.15468	0.014117407
chr9	1.32E+08	1.32E+08	1064	1186	132200000	-0.22898	0.000596096
chr9	1.32E+08	1.32E+08	998	1054	132250000	-0.15113	0.016020639
chr9	1.32E+08	1.32E+08	975	1057	132350000	-0.18887	0.003717888
chr9	1.32E+08	1.32E+08	1041	1164	132400000	-0.23349	0.00047643
chr9	1.32E+08	1.33E+08	1017	1093	132450000	-0.17635	0.006209639
chr9	1.32E+08	1.33E+08	901	978	132500000	-0.19068	0.003444905
chr9	1.33E+08	1.33E+08	896	935	132550000	-0.13384	0.028768901
chr9	1.33E+08	1.33E+08	910	965	132600000	-0.15703	0.012964027
chr9	1.33E+08	1.33E+08	982	1030	132950000	-0.14122	0.022552528
chr9	1.33E+08	1.33E+08	733	762	133050000	-0.12835	0.034267231
chr9	1.33E+08	1.33E+08	257	290	133100000	-0.24666	0.000242808
chr9	1.33E+08	1.33E+08	320	335	133200000	-0.13846	0.024729386
chr9	1.33E+08	1.33E+08	824	913	133250000	-0.22034	0.000905806
chr9	1.33E+08	1.33E+08	1013	1203	133300000	-0.32037	3.16E-06
chr9	1.33E+08	1.33E+08	948	1138	133350000	-0.33591	1.12E-06
chr9	1.33E+08	1.33E+08	895	938	133400000	-0.14007	0.023438315
chr9	1.34E+08	1.34E+08	943	816	133650000	0.136317	0.026821618
chr9	1.34E+08	1.34E+08	984	1054	133750000	-0.17152	0.007511033
chr9	1.34E+08	1.34E+08	1066	1237	133800000	-0.28701	2.54E-05
chr9	1.34E+08	1.34E+08	1034	1231	133850000	-0.32397	2.50E-06
chr9	1.34E+08	1.34E+08	950	1093	133900000	-0.27467	5.22E-05
chr9	1.34E+08	1.34E+08	932	985	133950000	-0.15217	0.015445774
chr9	1.34E+08	1.34E+08	965	1004	134150000	-0.12953	0.033016897
chr9	1.34E+08	1.34E+08	808	851	134200000	-0.14718	0.018403166
chr9	1.34E+08	1.34E+08	855	904	134300000	-0.15277	0.015116878
chr9	1.34E+08	1.34E+08	1026	1061	134350000	-0.12077	0.043258809
chr9	1.34E+08	1.35E+08	964	1030	134450000	-0.16791	0.008634162
chr9	1.34E+08	1.35E+08	1078	1120	134500000	-0.12751	0.03517625
chr9	1.35E+08	1.35E+08	968	1009	134550000	-0.13222	0.030309556
chr9	1.35E+08	1.35E+08	872	940	134600000	-0.1807	0.005211127
chr9	1.35E+08	1.35E+08	959	1053	134650000	-0.20727	0.001663509
chr9	1.35E+08	1.35E+08	1042	1199	134700000	-0.27485	5.17E-05
chr9	1.35E+08	1.35E+08	1034	1104	134750000	-0.16688	0.008982844
chr9	1.35E+08	1.35E+08	976	1044	134950000	-0.16954	0.008109484
chr9	1.35E+08	1.35E+08	945	984	1.35E+08	-0.13072	0.031799489
chr9	1.35E+08	1.35E+08	1023	1089	135050000	-0.16257	0.010569222
chr9	1.35E+08	1.35E+08	1011	1113	135100000	-0.21104	0.001400451
chr9	1.35E+08	1.35E+08	991	1070	135350000	-0.18303	0.004740114
chr9	1.35E+08	1.35E+08	996	1115	135400000	-0.2352	0.000437359

chr9	1.35E+08	1.36E+08	1018	1131	135450000	-0.22423	0.000751405
chr9	1.35E+08	1.36E+08	1087	1142	135500000	-0.14358	0.020820966
chr9	1.36E+08	1.36E+08	977	1027	135700000	-0.14438	0.020263966
chr9	1.36E+08	1.36E+08	974	1083	135750000	-0.22541	0.000709685
chr9	1.36E+08	1.36E+08	986	1073	135800000	-0.19436	0.002943437
chr9	1.36E+08	1.36E+08	950	1013	135850000	-0.16501	0.009643794
chr9	1.36E+08	1.36E+08	877	976	135900000	-0.22668	0.000667291
chr9	1.36E+08	1.36E+08	876	958	135950000	-0.20147	0.002158241
chr9	1.36E+08	1.36E+08	977	1081	1.36E+08	-0.21831	0.000997713
chr9	1.36E+08	1.36E+08	924	1011	136050000	-0.20219	0.002090055
chr9	1.36E+08	1.36E+08	848	926	136100000	-0.19932	0.002372655
chr9	1.36E+08	1.36E+08	806	967	136150000	-0.33511	1.18E-06
chr9	1.36E+08	1.36E+08	903	1100	136200000	-0.35708	2.56E-07
chr9	1.36E+08	1.36E+08	1013	1231	136250000	-0.35357	3.29E-07
chr9	1.36E+08	1.36E+08	1008	1221	136300000	-0.34894	4.56E-07
chr9	1.36E+08	1.36E+08	1115	1305	136350000	-0.29938	1.20E-05
chr9	1.36E+08	1.36E+08	1172	1304	136400000	-0.22634	0.00067822
chr9	1.36E+08	1.37E+08	1135	1247	136450000	-0.20814	0.001599307
chr9	1.36E+08	1.37E+08	1063	1214	136500000	-0.264	9.53E-05
chr9	1.37E+08	1.37E+08	1065	1231	136550000	-0.28135	3.55E-05
chr9	1.37E+08	1.37E+08	1034	1116	136600000	-0.18247	0.004848733
chr9	1.37E+08	1.37E+08	1026	1139	136650000	-0.22311	0.000793319
chr9	1.37E+08	1.37E+08	1102	1306	136700000	-0.3174	3.83E-06
chr9	1.37E+08	1.37E+08	1101	1274	136750000	-0.28292	3.23E-05
chr9	1.37E+08	1.37E+08	1063	1212	136800000	-0.26162	0.000108699
chr9	1.37E+08	1.37E+08	962	1086	136850000	-0.24729	0.000234909
chr9	1.37E+08	1.37E+08	914	1056	136900000	-0.28072	3.68E-05
chr9	1.37E+08	1.37E+08	829	926	136950000	-0.23201	0.00051297
chr9	1.37E+08	1.37E+08	777	867	1.37E+08	-0.23049	0.00055324
chr9	1.37E+08	1.37E+08	506	593	137050000	-0.30127	1.07E-05
chr9	1.37E+08	1.37E+08	684	725	137100000	-0.15636	0.013287335
chr9	1.37E+08	1.37E+08	1159	1255	137150000	-0.18718	0.003991518
chr9	1.37E+08	1.37E+08	1150	1350	137200000	-0.3037	9.17E-06
chr9	1.37E+08	1.37E+08	1168	1441	137250000	-0.3754	6.69E-08
chr9	1.37E+08	1.37E+08	1180	1455	137300000	-0.3746	7.10E-08
chr9	1.37E+08	1.37E+08	1116	1287	137350000	-0.27805	4.30E-05
chr9	1.37E+08	1.37E+08	1034	1074	137400000	-0.12713	0.03559998
chr9	1.37E+08	1.38E+08	998	1040	137450000	-0.13184	0.030676107
chr9	1.37E+08	1.38E+08	1028	1125	137500000	-0.20246	0.002065435
chr9	1.38E+08	1.38E+08	1119	1206	137550000	-0.18039	0.005277682
chr9	1.38E+08	1.38E+08	1195	1279	137600000	-0.17038	0.007851046
chr9	1.38E+08	1.38E+08	1156	1377	137650000	-0.32476	2.37E-06
chr9	1.38E+08	1.38E+08	1039	1378	137700000	-0.47975	1.14E-11
chr9	1.38E+08	1.38E+08	1018	1216	137750000	-0.32878	1.81E-06
chr9	1.38E+08	1.38E+08	999	1112	137800000	-0.22697	0.000657716
chr9	1.38E+08	1.38E+08	1022	1190	137850000	-0.29194	1.89E-05
chr9	1.38E+08	1.38E+08	1054	1206	137900000	-0.26673	8.19E-05

chr9	1.38E+08	1.38E+08	1097	1264	137950000	-0.2768	4.62E-05
chr9	1.38E+08	1.38E+08	1180	1247	1.38E+08	-0.15205	0.015511321
chr9	1.38E+08	1.38E+08	1110	1189	138100000	-0.17156	0.007498048
chr9	1.38E+08	1.38E+08	1070	1302	138150000	-0.35549	2.86E-07
chr9	1.38E+08	1.38E+08	995	1264	138200000	-0.4176	2.47E-09
chr9	1.38E+08	1.38E+08	1020	1186	138250000	-0.28991	2.13E-05
chr9	1.38E+08	1.38E+08	924	982	138300000	-0.1602	0.011541678
chr9	1.38E+08	1.38E+08	888	951	138350000	-0.17126	0.00758718
chr9	1.38E+08	1.38E+08	854	950	138400000	-0.22606	0.000687532
chr9	1.38E+08	1.39E+08	862	982	138450000	-0.26041	0.000116188
chr9	1.38E+08	1.39E+08	961	1149	138500000	-0.33014	1.66E-06
chr9	1.39E+08	1.39E+08	1004	1215	138550000	-0.34757	5.02E-07
chr9	1.39E+08	1.39E+08	1105	1370	138600000	-0.3825	3.92E-08
chr9	1.39E+08	1.39E+08	1137	1419	138650000	-0.39201	1.89E-08
chr9	1.39E+08	1.39E+08	1018	1192	138700000	-0.30002	1.15E-05
chr9	1.39E+08	1.39E+08	994	1026	138750000	-0.11808	0.046861528
chr9	1.39E+08	1.39E+08	1026	1070	138800000	-0.13295	0.029604496
chr9	1.39E+08	1.39E+08	984	1192	138850000	-0.34903	4.53E-07
chr9	1.39E+08	1.39E+08	816	990	138900000	-0.35123	3.88E-07
chr9	1.39E+08	1.39E+08	866	904	138950000	-0.13433	0.028317806
chr9	1.39E+08	1.39E+08	1115	1210	1.39E+08	-0.19034	0.003495467
chr9	1.39E+08	1.39E+08	1046	1232	139050000	-0.30849	6.79E-06
chr9	1.39E+08	1.39E+08	1001	1216	139100000	-0.35307	3.40E-07
chr9	1.39E+08	1.39E+08	697	811	139150000	-0.29092	2.01E-05
chr9	1.39E+08	1.39E+08	549	691	139200000	-0.40425	7.24E-09
chr9	1.39E+08	1.39E+08	912	1162	139250000	-0.42188	1.74E-09
chr9	1.39E+08	1.39E+08	983	1260	139300000	-0.43053	8.47E-10
chr9	1.39E+08	1.39E+08	951	1216	139350000	-0.427	1.14E-09
chr9	1.39E+08	1.39E+08	1058	1327	139400000	-0.3992	1.08E-08
chr9	1.39E+08	1.4E+08	1059	1413	139450000	-0.48843	5.12E-12
chr9	1.39E+08	1.4E+08	952	1288	139500000	-0.50847	7.76E-13
chr9	1.4E+08	1.4E+08	1018	1227	139550000	-0.34177	7.51E-07
chr9	1.4E+08	1.4E+08	1084	1239	139600000	-0.26518	8.92E-05
chr9	1.4E+08	1.4E+08	927	1047	139650000	-0.24799	0.000226366
chr9	1.4E+08	1.4E+08	842	1017	139700000	-0.3448	6.08E-07
chr9	1.4E+08	1.4E+08	873	1093	139750000	-0.39661	1.32E-08
chr9	1.4E+08	1.4E+08	905	1159	139800000	-0.42926	9.42E-10
chr9	1.4E+08	1.4E+08	977	1287	139850000	-0.46995	2.77E-11
chr9	1.4E+08	1.4E+08	1040	1399	139900000	-0.50018	1.71E-12
chr9	1.4E+08	1.4E+08	995	1297	139950000	-0.45478	1.06E-10
chr9	1.4E+08	1.4E+08	913	1089	1.40E+08	-0.32669	2.08E-06
chr9	1.4E+08	1.4E+08	1018	1212	140050000	-0.32402	2.49E-06
chr9	1.4E+08	1.4E+08	1089	1364	140100000	-0.39721	1.26E-08
chr9	1.4E+08	1.4E+08	964	1257	140150000	-0.45525	1.02E-10
chr9	1.4E+08	1.4E+08	937	1105	140200000	-0.3103	6.05E-06
chr9	1.4E+08	1.4E+08	974	1081	140250000	-0.22274	0.000807351
chr9	1.4E+08	1.4E+08	958	1141	140300000	-0.32457	2.40E-06

chr9	1.4E+08	1.4E+08	996	1182	140350000	-0.31938	3.37E-06
chr9	1.4E+08	1.4E+08	929	1028	140400000	-0.21846	0.000990481
chr9	1.4E+08	1.41E+08	805	888	140450000	-0.21394	0.001224542
chr9	1.4E+08	1.41E+08	834	918	140500000	-0.21082	0.001414945
chr9	1.41E+08	1.41E+08	893	950	140550000	-0.16164	0.010942513
chr9	1.41E+08	1.41E+08	1024	1102	140650000	-0.17828	0.005747165
chr9	1.41E+08	1.41E+08	924	1001	140700000	-0.18785	0.003881164
chr9	1.41E+08	1.41E+08	1025	1071	140900000	-0.13571	0.02707533
chr9	1.41E+08	1.41E+08	1064	1173	140950000	-0.21308	0.00127482
chr9	1.41E+08	1.41E+08	775	859	1.41E+08	-0.22083	0.000884814
chr9	1.41E+08	1.41E+08	310	347	141050000	-0.23504	0.000440864
chr9	1.41E+08	1.41E+08	75	88	141100000	-0.30298	9.59E-06
chr13	19000001	19100000	20	14	19050000	0.442201	4.22E-10
chr13	19050001	19150000	20	15	19100000	0.342666	8.12E-07
chr13	19250001	19350000	160	137	19300000	0.151524	0.016025781
chr13	19300001	19400000	154	131	19350000	0.160992	0.011397363
chr13	19400001	19500000	264	313	19450000	-0.318	3.69E-06
chr13	19450001	19550000	656	758	19500000	-0.28087	3.65E-05
chr13	19500001	19600000	927	1032	19550000	-0.22717	0.000651268
chr13	19600001	19700000	883	913	19650000	-0.12057	0.043509799
chr13	19650001	19750000	849	897	19700000	-0.15172	0.015694745
chr13	19700001	19800000	719	617	19750000	0.14835	0.017903727
chr13	20000001	20100000	183	204	20050000	-0.2291	0.000592595
chr13	20450001	20550000	868	680	20500000	0.279789	4.20E-05
chr13	20500001	20600000	937	792	20550000	0.170177	0.00806763
chr13	20600001	20700000	914	946	20650000	-0.12202	0.041654768
chr13	20650001	20750000	972	1002	20700000	-0.11623	0.049498002
chr13	20800001	20900000	1055	921	20850000	0.123598	0.040022169
chr13	21050001	21150000	895	782	21100000	0.122347	0.041566883
chr13	21100001	21200000	916	767	21150000	0.183749	0.004713379
chr13	21150001	21250000	1009	851	21200000	0.173323	0.007142901
chr13	21250001	21350000	998	868	21300000	0.128973	0.033908808
chr13	21850001	21950000	769	794	21900000	-0.11853	0.046250883
chr13	22100001	22200000	881	920	22150000	-0.13486	0.027829186
chr13	22150001	22250000	945	989	22200000	-0.13803	0.025086411
chr13	23050001	23150000	934	778	23100000	0.191281	0.00344977
chr13	23650001	23750000	917	802	23700000	0.120948	0.043352354
chr13	24250001	24350000	968	1009	24300000	-0.13222	0.030309556
chr13	24300001	24400000	931	972	24350000	-0.13455	0.028116978
chr13	24350001	24450000	890	961	24400000	-0.1831	0.004725113
chr13	24400001	24500000	821	908	24450000	-0.21768	0.001027673
chr13	24550001	24650000	975	1012	24600000	-0.12611	0.036749686
chr13	24750001	24850000	1014	1057	24800000	-0.13229	0.030241126
chr13	25350001	25450000	924	797	25400000	0.140941	0.023030347
chr13	25950001	26050000	1001	1043	2.60E+07	-0.13167	0.030847857
chr13	26000001	26100000	913	974	26050000	-0.16568	0.009401373
chr13	26400001	26500000	940	981	26450000	-0.13396	0.028653049

chr13	26650001	26750000	951	832	26700000	0.12049	0.043949542
chr13	26850001	26950000	1022	894	26900000	0.120677	0.043705205
chr13	26900001	27000000	1076	911	26950000	0.167783	0.008840216
chr13	26950001	27050000	1104	952	2.70E+07	0.141335	0.022729722
chr13	27450001	27550000	1071	1123	27500000	-0.14077	0.022895932
chr13	28000001	28100000	928	1009	28050000	-0.1931	0.003107175
chr13	30050001	30150000	1078	1135	30100000	-0.14671	0.018704303
chr13	30100001	30200000	1061	1099	30150000	-0.12314	0.040260311
chr13	30150001	30250000	798	829	30200000	-0.12736	0.035350426
chr13	30650001	30750000	1037	1101	30700000	-0.15877	0.012166719
chr13	30700001	30800000	995	1049	30750000	-0.14862	0.017502305
chr13	30800001	30900000	932	816	30850000	0.119389	0.045413442
chr13	31400001	31500000	1086	1169	31450000	-0.17862	0.00566861
chr13	31450001	31550000	1054	1091	31500000	-0.12215	0.041490759
chr13	31650001	31750000	1042	1076	31700000	-0.11869	0.046021528
chr13	31700001	31800000	985	1030	31750000	-0.13682	0.026104975
chr13	31950001	32050000	1011	876	3.20E+07	0.134408	0.028532001
chr13	32000001	32100000	1030	845	32050000	0.213249	0.001311743
chr13	32150001	32250000	872	756	32200000	0.13357	0.029311628
chr13	32450001	32550000	1073	930	32500000	0.133976	0.028932279
chr13	32800001	32900000	1033	893	32850000	0.137736	0.025605814
chr13	32850001	32950000	1014	859	32900000	0.166956	0.009122072
chr13	32900001	33000000	961	843	32950000	0.116632	0.049252221
chr13	34000001	34100000	1049	913	34050000	0.127956	0.035002259
chr13	34050001	34150000	1053	864	34100000	0.21303	0.001324991
chr13	34100001	34200000	1002	865	34150000	0.139739	0.023969899
chr13	34350001	34450000	1074	924	34400000	0.144657	0.020321616
chr13	34400001	34500000	1056	918	34450000	0.129672	0.033173632
chr13	34600001	34700000	998	1029	34650000	-0.1165	0.049097767
chr13	35300001	35400000	1013	846	35350000	0.187533	0.004034378
chr13	35350001	35450000	1007	855	35400000	0.163696	0.010310817
chr13	35400001	35500000	1041	905	35450000	0.129609	0.03323977
chr13	35550001	35650000	790	693	35600000	0.116626	0.049261568
chr13	35700001	35800000	1063	867	35750000	0.221666	0.000885665
chr13	35750001	35850000	1080	914	35800000	0.168393	0.008637336
chr13	35800001	35900000	941	815	35850000	0.135023	0.027971639
chr13	35850001	35950000	967	846	35900000	0.120486	0.043954248
chr13	35900001	36000000	972	833	35950000	0.150268	0.016747568
chr13	35950001	36050000	910	784	3.60E+07	0.142641	0.021755666
chr13	36050001	36150000	1039	903	36100000	0.130026	0.032806385
chr13	37300001	37400000	966	1007	37350000	-0.13234	0.030191836
chr13	37600001	37700000	888	939	37650000	-0.15294	0.01502703
chr13	37850001	37950000	1033	896	37900000	0.132898	0.0299496
chr13	38150001	38250000	1031	897	38200000	0.128493	0.034421752
chr13	38300001	38400000	1049	886	38350000	0.171264	0.007736739
chr13	38700001	38800000	1018	852	38750000	0.18444	0.004582177
chr13	39000001	39100000	1021	891	39050000	0.124114	0.039399232

chr13	39250001	39350000	1038	908	39300000	0.12067	0.043713328
chr13	39300001	39400000	1079	919	39350000	0.159186	0.012177313
chr13	39350001	39450000	1088	937	39400000	0.143186	0.021360045
chr13	39400001	39500000	1071	935	39450000	0.123548	0.040082672
chr13	39850001	39950000	1048	874	39900000	0.189562	0.003707688
chr13	39900001	40000000	1018	874	39950000	0.147661	0.018335229
chr13	41350001	41450000	561	630	41400000	-0.23972	0.000347636
chr13	41450001	41550000	687	714	41500000	-0.12799	0.03466031
chr13	41500001	41600000	889	917	41550000	-0.11711	0.048229612
chr13	41600001	41700000	760	830	41650000	-0.19948	0.00235562
chr13	42000001	42100000	722	778	42050000	-0.18014	0.005331115
chr13	42100001	42200000	973	821	42150000	0.172686	0.007322309
chr13	44000001	44100000	1024	886	44050000	0.136465	0.026692214
chr13	45650001	45750000	936	800	45700000	0.154137	0.014609966
chr13	45700001	45800000	990	852	45750000	0.144203	0.020637392
chr13	45750001	45850000	953	823	45800000	0.139212	0.024391429
chr13	46550001	46650000	1025	892	46600000	0.128137	0.034806199
chr13	46600001	46700000	1061	889	46650000	0.182798	0.004899525
chr13	46700001	46800000	941	1014	46750000	-0.18016	0.005326861
chr13	46950001	47050000	466	392	4.70E+07	0.177105	0.006156706
chr13	47550001	47650000	1068	920	47600000	0.142834	0.021614794
chr13	47950001	48050000	892	766	4.80E+07	0.147328	0.018547012
chr13	48850001	48950000	1021	837	48900000	0.214312	0.001249154
chr13	48900001	49000000	931	728	48950000	0.282471	3.60E-05
chr13	49300001	49400000	991	1033	49350000	-0.13226	0.030274531
chr13	49350001	49450000	956	996	49400000	-0.13151	0.031007963
chr13	49700001	49800000	915	792	49750000	0.1359	0.027188096
chr13	49900001	50000000	993	862	49950000	0.131734	0.031081279
chr13	49950001	50050000	1006	832	5.00E+07	0.201603	0.002213244
chr13	51100001	51200000	1002	1034	51150000	-0.11773	0.047362181
chr13	51400001	51500000	1013	849	51450000	0.182426	0.004973978
chr13	51700001	51800000	903	959	51750000	-0.15918	0.011986426
chr13	51750001	51850000	1032	1102	51800000	-0.16705	0.008922278
chr13	51850001	51950000	1005	1070	51900000	-0.16279	0.010483591
chr13	51900001	52000000	971	1069	51950000	-0.21109	0.001397357
chr13	52600001	52700000	829	705	52650000	0.161377	0.011236667
chr13	52650001	52750000	867	752	52700000	0.132928	0.02992116
chr13	52750001	52850000	200	151	52800000	0.33308	1.55E-06
chr13	52800001	52900000	110	115	52850000	-0.1365	0.026379237
chr13	52950001	53050000	942	796	5.30E+07	0.170587	0.007941434
chr13	53000001	53100000	551	427	53050000	0.295444	1.67E-05
chr13	53050001	53150000	100	66	53100000	0.52709	2.05E-13
chr13	53350001	53450000	1019	1078	53400000	-0.15357	0.014688449
chr13	53400001	53500000	1002	1084	53450000	-0.18585	0.004217861
chr13	54700001	54800000	949	820	54750000	0.138412	0.025043317
chr13	54750001	54850000	971	818	54800000	0.174999	0.006689884
chr13	55100001	55200000	983	1020	55150000	-0.12568	0.037241355

chr13	55300001	55400000	1011	878	55350000	0.131118	0.03169422
chr13	55400001	55500000	846	889	55450000	-0.1439	0.020598702
chr13	55700001	55800000	1017	879	55750000	0.138013	0.025374525
chr13	55750001	55850000	1006	859	55800000	0.155528	0.013900816
chr13	55800001	55900000	1047	853	55850000	0.223272	0.000820558
chr13	56000001	56100000	1047	860	56050000	0.211481	0.001422338
chr13	56050001	56150000	1087	874	56100000	0.242275	0.000321341
chr13	56200001	56300000	983	848	56250000	0.140755	0.02317357
chr13	56250001	56350000	1058	913	56300000	0.140281	0.023542238
chr13	56450001	56550000	1021	879	56500000	0.143676	0.021009258
chr13	56500001	56600000	1015	853	56550000	0.17849	0.005826783
chr13	56650001	56750000	967	831	56700000	0.146296	0.019216491
chr13	56750001	56850000	1010	879	56800000	0.128048	0.034901813
chr13	56800001	56900000	1075	896	56850000	0.190394	0.003580679
chr13	56850001	56950000	1059	859	56900000	0.229601	0.000604705
chr13	56900001	57000000	1000	803	56950000	0.244156	0.000291861
chr13	56950001	57050000	1046	802	5.70E+07	0.310837	6.51E-06
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chr13	57050001	57150000	1022	872	57100000	0.156623	0.013364047
chr13	57100001	57200000	997	789	57150000	0.265196	9.54E-05
chr13	57150001	57250000	920	737	57200000	0.247597	0.00024437
chr13	57200001	57300000	988	821	57250000	0.194757	0.002976968
chr13	57250001	57350000	1009	855	57300000	0.166558	0.009260343
chr13	57350001	57450000	977	844	57400000	0.138744	0.024771394
chr13	57450001	57550000	1033	903	57500000	0.121671	0.04242257
chr13	57500001	57600000	970	748	57550000	0.302575	1.09E-05
chr13	57550001	57650000	960	760	57600000	0.264663	9.83E-05
chr13	57600001	57700000	971	847	57650000	0.124738	0.038656171
chr13	57850001	57950000	1035	880	57900000	0.161684	0.011110256
chr13	58250001	58350000	1036	904	58300000	0.124258	0.039226917
chr13	58500001	58600000	963	830	58550000	0.142053	0.022189999
chr13	58550001	58650000	997	845	58600000	0.16627	0.009361492
chr13	58600001	58700000	1065	905	58650000	0.162492	0.010782776
chr13	58750001	58850000	1007	869	58800000	0.140264	0.023555748
chr13	58900001	59000000	1049	903	58950000	0.143845	0.020889467
chr13	58950001	59050000	1081	919	5.90E+07	0.161858	0.011038874
chr13	59000001	59100000	947	813	59050000	0.147737	0.018286753
chr13	59600001	59700000	1039	858	59650000	0.203774	0.002011201
chr13	59850001	59950000	976	855	59900000	0.118585	0.046507211
chr13	60250001	60350000	1096	896	60300000	0.218305	0.001037578
chr13	60300001	60400000	1043	910	60350000	0.124429	0.03902235
chr13	60500001	60600000	1057	913	60550000	0.138917	0.024630387
chr13	60550001	60650000	1037	843	60600000	0.22644	0.000704918
chr13	60600001	60700000	1072	927	60650000	0.137292	0.025981444
chr13	60650001	60750000	1132	965	60700000	0.157901	0.012760333
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chr13	62000001	62100000	1062	889	62050000	0.184157	0.004635643
chr13	62050001	62150000	1031	840	62100000	0.223211	0.000822936
chr13	62200001	62300000	1042	889	62250000	0.156728	0.013313625
chr13	62500001	62600000	1023	864	62550000	0.171331	0.007716794
chr13	62550001	62650000	1012	883	62600000	0.124352	0.039113865
chr13	62750001	62850000	995	872	62800000	0.117997	0.047320883
chr13	62850001	62950000	962	835	62900000	0.131889	0.030928683
chr13	62900001	63000000	1009	885	62950000	0.116805	0.049003907
chr13	63150001	63250000	1022	873	63200000	0.15497	0.014181802
chr13	63200001	63300000	1073	918	63250000	0.152712	0.015367955
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chr13	63950001	64050000	976	850	6.40E+07	0.127047	0.036004835
chr13	64200001	64300000	949	816	64250000	0.145467	0.019768808
chr13	64250001	64350000	644	537	64300000	0.189767	0.003676031
chr13	64350001	64450000	436	371	64400000	0.160537	0.011589527
chr13	64400001	64500000	872	712	64450000	0.220079	0.00095464
chr13	64450001	64550000	1051	850	64500000	0.233856	0.000490576
chr13	64500001	64600000	1014	883	64550000	0.127201	0.03583345
chr13	64600001	64700000	971	830	64650000	0.153988	0.014687483
chr13	64700001	64800000	1039	879	64750000	0.168889	0.008475649
chr13	64750001	64850000	1023	850	64800000	0.1949	0.002958892
chr13	64800001	64900000	1047	905	64850000	0.1379	0.025468743
chr13	64950001	65050000	1014	841	6.50E+07	0.197508	0.002645236
chr13	65000001	65100000	1023	883	65050000	0.139949	0.023803287
chr13	65300001	65400000	1003	874	65350000	0.126245	0.036908147
chr13	65350001	65450000	986	812	65400000	0.207736	0.00168529
chr13	65400001	65500000	1010	835	65450000	0.202135	0.00216207
chr13	65450001	65550000	1053	848	65500000	0.239997	0.000360744
chr13	65500001	65600000	929	777	65550000	0.185392	0.004406871
chr13	65650001	65750000	1006	872	65700000	0.133858	0.029041474
chr13	65800001	65900000	1020	861	65850000	0.172112	0.007487106
chr13	66000001	66100000	912	792	66050000	0.131162	0.031650847
chr13	66050001	66150000	985	833	66100000	0.169435	0.008300316
chr13	66100001	66200000	959	839	66150000	0.120488	0.043951914
chr13	66200001	66300000	996	862	66250000	0.136086	0.027023744
chr13	66550001	66650000	967	841	66600000	0.129038	0.033839547
chr13	66600001	66700000	1032	903	66650000	0.120273	0.044234652
chr13	66650001	66750000	1009	884	66700000	0.118436	0.046711968
chr13	67050001	67150000	1001	845	67100000	0.172047	0.007506069
chr13	67100001	67200000	943	783	67150000	0.195874	0.002838033
chr13	67300001	67400000	976	852	67350000	0.123656	0.039951962
chr13	67350001	67450000	1042	862	67400000	0.201224	0.002250384
chr13	67550001	67650000	1004	870	67600000	0.1343	0.028631697
chr13	67900001	68000000	955	801	67950000	0.181327	0.005200162
chr13	67950001	68050000	904	784	6.80E+07	0.133097	0.029759086
chr13	68000001	68100000	962	810	68050000	0.175743	0.00649687
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chr13	68100001	68200000	973	825	68150000	0.165674	0.009574305
chr13	68150001	68250000	992	830	68200000	0.184857	0.004504697
chr13	68700001	68800000	1046	887	68750000	0.165505	0.009635312
chr13	68750001	68850000	1063	932	68800000	0.117368	0.048202927
chr13	69000001	69100000	1007	863	69050000	0.150259	0.016752604
chr13	69050001	69150000	981	838	69100000	0.154931	0.014201471
chr13	69400001	69500000	1028	867	69450000	0.173365	0.007131434
chr13	69450001	69550000	1008	855	69500000	0.165128	0.009772954
chr13	69900001	70000000	998	837	69950000	0.18144	0.005176347
chr13	69950001	70050000	951	816	7.00E+07	0.148504	0.017807906
chr13	70000001	70100000	891	772	70050000	0.134453	0.028491232
chr13	70250001	70350000	1029	892	70300000	0.133756	0.029137634
chr13	70300001	70400000	1004	847	70350000	0.172954	0.007246467
chr13	70400001	70500000	1029	870	70450000	0.169784	0.008190228
chr13	70450001	70550000	1041	865	70500000	0.194826	0.002968181
chr13	70500001	70600000	1047	911	70550000	0.128367	0.034557318
chr13	70700001	70800000	943	787	70750000	0.188522	0.003871948
chr13	70750001	70850000	997	822	70800000	0.206083	0.001814893
chr13	70800001	70900000	1060	889	70850000	0.181437	0.005177027
chr13	71000001	71100000	948	817	71050000	0.142179	0.022095998
chr13	71050001	71150000	1016	833	71100000	0.21414	0.00125906
chr13	71100001	71200000	1079	863	71150000	0.249891	0.000216848
chr13	71150001	71250000	1062	866	71200000	0.221973	0.000872857
chr13	71500001	71600000	1012	884	71550000	0.122719	0.041102583
chr13	71650001	71750000	1032	845	71700000	0.216048	0.001152721
chr13	71800001	71900000	1048	873	71850000	0.191213	0.003459547
chr13	71850001	71950000	1057	867	71900000	0.2135	0.001296736
chr13	72050001	72150000	1011	834	72100000	0.205292	0.001880116
chr13	72100001	72200000	1030	847	72150000	0.209839	0.001532653
chr13	72200001	72300000	1030	863	72250000	0.18284	0.004891065
chr13	72250001	72350000	1076	874	72300000	0.227601	0.000666434
chr13	72800001	72900000	964	834	72850000	0.136614	0.026563196
chr13	72850001	72950000	1046	886	72900000	0.167132	0.009061255
chr13	73400001	73500000	943	812	73450000	0.143406	0.021201686
chr13	73450001	73550000	964	786	73500000	0.222132	0.000866294
chr13	73500001	73600000	973	771	73550000	0.263337	0.000105664
chr13	74350001	74450000	1031	871	74400000	0.170928	0.007837784
chr13	74500001	74600000	1095	946	74550000	0.138647	0.024850552
chr13	75150001	75250000	1094	911	75200000	0.191718	0.003386775
chr13	75200001	75300000	1054	920	75250000	0.123797	0.039780595
chr13	75400001	75500000	1034	890	75450000	0.143987	0.020789145
chr13	75450001	75550000	964	832	75500000	0.140078	0.02370173
chr13	76550001	76650000	1094	958	76600000	0.119143	0.045745337
chr13	76850001	76950000	968	798	76900000	0.206247	0.001801704
chr13	76900001	77000000	973	805	76950000	0.201079	0.002264677
chr13	77150001	77250000	958	779	77200000	0.226031	0.000718952
chr13	77200001	77300000	1055	896	77250000	0.163301	0.010463669

chr13	77650001	77750000	1055	920	77700000	0.125165	0.038153109
chr13	77700001	77800000	996	848	77750000	0.15971	0.011946571
chr13	78100001	78200000	1014	1060	78150000	-0.13638	0.02648647
chr13	78150001	78250000	960	1008	78200000	-0.14276	0.02141004
chr13	78200001	78300000	858	896	78250000	-0.13489	0.027802736
chr13	78500001	78600000	917	743	78550000	0.231188	0.000559535
chr13	78550001	78650000	1015	818	78600000	0.238935	0.000380624
chr13	78700001	78800000	1041	908	78750000	0.124834	0.038542204
chr13	78750001	78850000	1132	972	78800000	0.147474	0.01845365
chr13	79150001	79250000	957	989	79200000	-0.11982	0.044498693
chr13	79250001	79350000	1072	899	79300000	0.18154	0.005155547
chr13	79300001	79400000	1107	957	79350000	0.137693	0.025642607
chr13	79700001	79800000	1024	849	79750000	0.198007	0.002588753
chr13	79750001	79850000	994	866	79800000	0.126507	0.036610526
chr13	80050001	80150000	1066	929	80100000	0.126085	0.037090003
chr13	80100001	80200000	938	823	80150000	0.116324	0.04969721
chr13	80350001	80450000	982	845	80400000	0.1444	0.020500191
chr13	80400001	80500000	993	771	80450000	0.292691	1.97E-05
chr13	80450001	80550000	934	793	80500000	0.16373	0.010297627
chr13	80650001	80750000	983	859	80700000	0.122162	0.0418004
chr13	80700001	80800000	894	778	80750000	0.128133	0.034810123
chr13	80850001	80950000	931	787	80900000	0.170046	0.008108347
chr13	81200001	81300000	973	850	81250000	0.122605	0.041244504
chr13	81250001	81350000	979	834	81300000	0.15889	0.012309798
chr13	81500001	81600000	986	853	81550000	0.13667	0.026514605
chr13	81700001	81800000	1041	906	81750000	0.128015	0.034937813
chr13	81950001	82050000	1012	849	8.20E+07	0.181001	0.005268913
chr13	82000001	82100000	994	837	82050000	0.175646	0.006521671
chr13	82550001	82650000	969	848	82600000	0.120061	0.044515877
chr13	82600001	82700000	918	754	82650000	0.211558	0.001417365
chr13	82650001	82750000	977	855	82700000	0.120062	0.044513569
chr13	82700001	82800000	1031	902	82750000	0.120473	0.043971613
chr13	82750001	82850000	1008	837	82800000	0.195824	0.002844048
chr13	82800001	82900000	996	867	82850000	0.127742	0.035236218
chr13	82850001	82950000	1063	914	82900000	0.145504	0.019744132
chr13	82900001	83000000	1022	861	82950000	0.174938	0.006705763
chr13	82950001	83050000	1008	833	8.30E+07	0.202735	0.002105677
chr13	83000001	83100000	1045	837	83050000	0.247832	0.000241416
chr13	83050001	83150000	1014	856	83100000	0.172003	0.007518809
chr13	83150001	83250000	1044	905	83200000	0.13376	0.029133285
chr13	83200001	83300000	1014	865	83250000	0.156914	0.013224701
chr13	83250001	83350000	1032	895	83300000	0.133112	0.029745502
chr13	83350001	83450000	982	851	83400000	0.134192	0.028731508
chr13	83500001	83600000	1005	855	83550000	0.160827	0.011466519
chr13	83600001	83700000	1077	890	83650000	0.202769	0.002102543
chr13	83650001	83750000	1046	818	83700000	0.282338	3.63E-05
chr13	83700001	83800000	1002	840	83750000	0.18205	0.005050427

chr13	83750001	83850000	1014	844	83800000	0.192371	0.00329466
chr13	83800001	83900000	1028	843	83850000	0.213864	0.001275186
chr13	83850001	83950000	996	844	83900000	0.166531	0.009269832
chr13	84050001	84150000	1081	907	84100000	0.18082	0.005307423
chr13	84100001	84200000	1008	863	84150000	0.151691	0.015931779
chr13	84150001	84250000	976	824	84200000	0.171865	0.007559136
chr13	84350001	84450000	1053	910	84400000	0.138195	0.025222896
chr13	84400001	84500000	994	826	84450000	0.194732	0.002980116
chr13	84450001	84550000	964	808	84500000	0.182306	0.004998207
chr13	84600001	84700000	992	864	84650000	0.126937	0.036127101
chr13	84650001	84750000	984	836	84700000	0.162784	0.010666719
chr13	84700001	84800000	1042	870	84750000	0.187896	0.003974034
chr13	84750001	84850000	1065	849	84800000	0.254645	0.000168774
chr13	84800001	84900000	1080	852	84850000	0.269734	7.42E-05
chr13	84850001	84950000	1041	851	84900000	0.218367	0.001034577
chr13	84900001	85000000	996	835	84950000	0.181998	0.005061014
chr13	85100001	85200000	1027	894	85150000	0.127718	0.03526285
chr13	85150001	85250000	1055	909	85200000	0.142519	0.021845187
chr13	85200001	85300000	1101	841	85250000	0.316265	4.62E-06
chr13	85250001	85350000	1123	798	85300000	0.420526	2.50E-09
chr13	85300001	85400000	1036	851	85350000	0.211421	0.001426231
chr13	85550001	85650000	1028	890	85600000	0.135591	0.027461522
chr13	85600001	85700000	1010	851	85650000	0.174752	0.006754818
chr13	85800001	85900000	1038	868	85850000	0.185668	0.004357262
chr13	85850001	85950000	989	818	85900000	0.201498	0.002223486
chr13	85900001	86000000	1003	805	85950000	0.244889	0.000281077
chr13	85950001	86050000	1032	866	8.60E+07	0.180632	0.005347748
chr13	86450001	86550000	913	767	86500000	0.179017	0.005705689
chr13	86750001	86850000	134	100	86800000	0.349861	4.96E-07
chr13	86850001	86950000	339	277	86900000	0.219028	0.001003042
chr13	86900001	87000000	840	712	86950000	0.16614	0.009407544
chr13	86950001	87050000	963	826	8.70E+07	0.149022	0.017490772
chr13	87000001	87100000	947	802	87050000	0.16739	0.008973083
chr13	87050001	87150000	1034	846	87100000	0.217135	0.001095891
chr13	87100001	87200000	1027	808	87150000	0.273637	5.97E-05
chr13	87150001	87250000	999	790	87200000	0.26626	9.00E-05
chr13	87200001	87300000	987	815	87250000	0.203878	0.002001965
chr13	87250001	87350000	885	772	87300000	0.124705	0.038694858
chr13	87300001	87400000	954	820	87350000	0.145994	0.019416317
chr13	87350001	87450000	1027	892	87400000	0.130949	0.031864797
chr13	87450001	87550000	974	850	87500000	0.124087	0.039431173
chr13	87500001	87600000	950	797	87550000	0.180976	0.005274233
chr13	87550001	87650000	985	815	87600000	0.200952	0.002277344
chr13	87600001	87700000	1004	839	87650000	0.186645	0.004185334
chr13	87650001	87750000	1063	883	87700000	0.195284	0.002910595
chr13	87750001	87850000	972	807	87800000	0.196016	0.002820771
chr13	87800001	87900000	997	806	87850000	0.234442	0.000476536

chr13	87850001	87950000	1045	905	87900000	0.135141	0.02786456
chr13	87900001	88000000	1032	871	87950000	0.172327	0.007425143
chr13	87950001	88050000	981	780	8.80E+07	0.258407	0.00013803
chr13	88000001	88100000	961	773	88050000	0.241696	0.000330954
chr13	88050001	88150000	1033	893	88100000	0.137736	0.025605814
chr13	88100001	88200000	1102	944	88150000	0.150894	0.01638467
chr13	88150001	88250000	1072	889	88200000	0.197678	0.002625922
chr13	88200001	88300000	1032	861	88250000	0.188986	0.003797877
chr13	88250001	88350000	1033	878	88300000	0.162176	0.0109099
chr13	88300001	88400000	1040	869	88350000	0.186784	0.004161395
chr13	88350001	88450000	1043	830	88400000	0.257184	0.000147395
chr13	88400001	88500000	1049	857	88450000	0.219276	0.000991415
chr13	88550001	88650000	1020	857	88600000	0.17883	0.00574829
chr13	88850001	88950000	934	783	88900000	0.182038	0.005052683
chr13	88900001	89000000	1003	875	88950000	0.124595	0.038825066
chr13	89150001	89250000	925	791	89200000	0.153404	0.014995792
chr13	89850001	89950000	1015	854	89900000	0.1768	0.0062314
chr13	89900001	90000000	1007	843	89950000	0.184087	0.004648783
chr13	89950001	90050000	1030	880	9.00E+07	0.154697	0.014320757
chr13	90100001	90200000	948	825	90150000	0.128121	0.034822853
chr13	90200001	90300000	986	865	90250000	0.116516	0.049419683
chr13	90350001	90450000	1071	939	90400000	0.11739	0.04817229
chr13	90400001	90500000	1063	905	90450000	0.15978	0.011915816
chr13	90650001	90750000	1078	894	90700000	0.197639	0.002630367
chr13	90700001	90800000	1024	849	90750000	0.198007	0.002588753
chr13	90950001	91050000	975	843	9.10E+07	0.137498	0.025806857
chr13	91000001	91100000	1024	857	91050000	0.184477	0.004575363
chr13	91050001	91150000	1022	887	91100000	0.132017	0.030802534
chr13	91150001	91250000	1071	917	91200000	0.151593	0.015987018
chr13	91200001	91300000	1082	912	91250000	0.174223	0.006896367
chr13	91250001	91350000	958	823	91300000	0.146761	0.01891177
chr13	91350001	91450000	1004	854	91400000	0.16108	0.011360588
chr13	91550001	91650000	1007	864	91600000	0.148589	0.017755959
chr13	92100001	92200000	1045	860	92150000	0.208723	0.001612026
chr13	92400001	92500000	925	799	92450000	0.138886	0.024655393
chr13	92450001	92550000	877	759	92500000	0.136105	0.027006979
chr13	92600001	92700000	976	851	92650000	0.12535	0.037937535
chr13	92650001	92750000	944	819	92700000	0.132552	0.030282622
chr13	92750001	92850000	1000	864	92800000	0.138525	0.024950637
chr13	92800001	92900000	1048	908	92850000	0.134503	0.028445404
chr13	92950001	93050000	1033	858	9.30E+07	0.195419	0.002893891
chr13	93100001	93200000	909	795	93150000	0.120954	0.043344651
chr13	93200001	93300000	871	725	93250000	0.19232	0.003301776
chr13	93250001	93350000	722	620	93300000	0.147359	0.018527018
chr13	93350001	93450000	874	761	93400000	0.127365	0.035651107
chr13	93550001	93650000	1140	975	93600000	0.153188	0.015111157
chr13	93650001	93750000	968	845	93700000	0.123684	0.03991799

chr13	93700001	93800000	1058	865	93750000	0.218196	0.001042913
chr13	94250001	94350000	1034	885	94300000	0.152115	0.015695667
chr13	94300001	94400000	987	859	94350000	0.12802	0.034932549
chr13	94500001	94600000	1052	904	94550000	0.146368	0.019168715
chr13	94550001	94650000	1048	883	94600000	0.174782	0.006747109
chr13	94850001	94950000	994	1031	94900000	-0.1251	0.037913232
chr13	95300001	95400000	1028	901	95350000	0.117869	0.04749821
chr13	95600001	95700000	947	1017	95650000	-0.17526	0.006484579
chr13	95950001	96050000	778	817	9.60E+07	-0.14294	0.021282212
chr13	96000001	96100000	797	833	96050000	-0.13611	0.02672161
chr13	96450001	96550000	1026	893	96500000	0.127927	0.035034151
chr13	96500001	96600000	978	823	96550000	0.17657	0.006288273
chr13	97500001	97600000	919	1000	97550000	-0.19424	0.002959604
chr13	97550001	97650000	979	1061	97600000	-0.18842	0.003790032
chr13	97750001	97850000	978	1013	97800000	-0.1231	0.0403081
chr13	98250001	98350000	850	745	98300000	0.117851	0.04752453
chr13	98450001	98550000	977	1011	98500000	-0.12172	0.042026352
chr13	98500001	98600000	927	1029	98550000	-0.22297	0.000798505
chr13	98550001	98650000	863	944	98600000	-0.2018	0.002126748
chr13	98900001	99000000	994	1034	98950000	-0.12929	0.033267963
chr13	99250001	99350000	918	798	99300000	0.129734	0.033109449
chr13	99400001	99500000	957	1047	99450000	-0.20204	0.002103808
chr13	99450001	99550000	1012	1071	99500000	-0.15412	0.014403746
chr13	99950001	1E+08	1067	1121	1.00E+08	-0.1436	0.02081006
chr13	1E+08	1E+08	1036	896	100200000	0.137082	0.026160758
chr13	1E+08	1E+08	1032	888	100250000	0.14444	0.020472574
chr13	1.01E+08	1.01E+08	964	816	100900000	0.168092	0.00873699
chr13	1.01E+08	1.01E+08	947	819	101400000	0.137129	0.026120073
chr13	1.01E+08	1.02E+08	1005	813	101450000	0.233496	0.000499387
chr13	1.01E+08	1.02E+08	1078	908	101500000	0.175221	0.006631671
chr13	1.02E+08	1.02E+08	996	867	101600000	0.127742	0.035236218
chr13	1.02E+08	1.02E+08	996	872	101900000	0.119446	0.045336963
chr13	1.02E+08	1.02E+08	1033	902	102150000	0.123269	0.040423874
chr13	1.02E+08	1.03E+08	1103	966	102500000	0.118966	0.045986368
chr13	1.03E+08	1.03E+08	951	995	102600000	-0.13762	0.025424265
chr13	1.03E+08	1.03E+08	1039	909	102850000	0.120472	0.043973634
chr13	1.04E+08	1.04E+08	964	1030	103600000	-0.16791	0.008634162
chr13	1.04E+08	1.05E+08	1021	883	104450000	0.137126	0.02612302
chr13	1.04E+08	1.05E+08	1062	872	104500000	0.212012	0.00138827
chr13	1.05E+08	1.05E+08	1030	899	104600000	0.12388	0.039681219
chr13	1.05E+08	1.05E+08	1035	840	104650000	0.228798	0.000628828
chr13	1.05E+08	1.05E+08	1005	849	104700000	0.170987	0.007819876
chr13	1.05E+08	1.05E+08	981	842	104850000	0.148061	0.018083286
chr13	1.05E+08	1.05E+08	1040	856	104900000	0.208529	0.001626167
chr13	1.05E+08	1.05E+08	1024	864	104950000	0.172741	0.0073067
chr13	1.05E+08	1.05E+08	1000	873	1.05E+08	0.123575	0.040050748
chr13	1.05E+08	1.05E+08	1023	871	105050000	0.15969	0.011955299

chr13	1.05E+08	1.05E+08	1009	881	105100000	0.12334	0.040336504
chr13	1.05E+08	1.06E+08	1034	895	105500000	0.135905	0.027183429
chr13	1.06E+08	1.06E+08	1010	830	105550000	0.2108	0.001467153
chr13	1.06E+08	1.06E+08	998	823	105600000	0.205776	0.001840005
chr13	1.07E+08	1.07E+08	1071	939	106600000	0.11739	0.04817229
chr13	1.07E+08	1.07E+08	1019	1070	107150000	-0.14283	0.021361164
chr13	1.07E+08	1.08E+08	982	856	107450000	0.12574	0.037485577
chr13	1.08E+08	1.08E+08	989	1047	107850000	-0.15459	0.014162616
chr13	1.08E+08	1.08E+08	986	1064	107900000	-0.18221	0.004901016
chr13	1.08E+08	1.08E+08	1055	921	108250000	0.123598	0.040022169
chr13	1.08E+08	1.08E+08	1030	898	108300000	0.125485	0.037780704
chr13	1.09E+08	1.09E+08	882	940	108550000	-0.16425	0.009921732
chr13	1.09E+08	1.09E+08	1019	877	108700000	0.144134	0.020686287
chr13	1.09E+08	1.09E+08	1003	874	108900000	0.126245	0.036908147
chr13	1.09E+08	1.09E+08	1026	894	108950000	0.126312	0.036831316
chr13	1.1E+08	1.1E+08	1041	869	109650000	0.18817	0.003929066
chr13	1.1E+08	1.1E+08	1020	892	109700000	0.121082	0.043178709
chr13	1.1E+08	1.1E+08	1049	1102	110400000	-0.14348	0.020892767
chr13	1.1E+08	1.11E+08	969	1033	110450000	-0.16464	0.009777005
chr13	1.1E+08	1.11E+08	969	1002	110500000	-0.12069	0.043362956
chr13	1.11E+08	1.11E+08	894	932	110750000	-0.13243	0.030108134
chr13	1.11E+08	1.11E+08	1091	1143	110800000	-0.13955	0.023853398
chr13	1.11E+08	1.11E+08	1077	1111	110950000	-0.11721	0.048084599
chr13	1.11E+08	1.11E+08	1021	1128	1.11E+08	-0.21616	0.001104202
chr13	1.11E+08	1.11E+08	1034	1084	111050000	-0.1405	0.023104783
chr13	1.11E+08	1.11E+08	1073	1126	111100000	-0.14193	0.022021496
chr13	1.11E+08	1.11E+08	1020	1136	111150000	-0.22777	0.000632665
chr13	1.11E+08	1.11E+08	941	1056	111200000	-0.23871	0.000365992
chr13	1.12E+08	1.12E+08	934	1019	111750000	-0.19803	0.002510429
chr13	1.12E+08	1.12E+08	968	1035	111800000	-0.16892	0.008304716
chr13	1.12E+08	1.12E+08	1067	1106	111900000	-0.12416	0.039019067
chr13	1.12E+08	1.12E+08	1015	1126	111950000	-0.2221	0.000832797
chr13	1.12E+08	1.12E+08	979	1064	1.12E+08	-0.19249	0.003189575
chr13	1.12E+08	1.12E+08	1020	1082	112050000	-0.1575	0.012744326
chr13	1.12E+08	1.12E+08	1017	1092	112100000	-0.17502	0.006543978
chr13	1.12E+08	1.12E+08	978	1064	112150000	-0.19396	0.002994348
chr13	1.12E+08	1.12E+08	1011	1075	112200000	-0.16093	0.011236571
chr13	1.12E+08	1.12E+08	1050	1089	112250000	-0.12499	0.038044219
chr13	1.12E+08	1.12E+08	54	58	112400000	-0.17547	0.006430766
chr13	1.13E+08	1.13E+08	1047	1123	112650000	-0.17347	0.006958526
chr13	1.13E+08	1.13E+08	1033	1084	112700000	-0.1419	0.022045474
chr13	1.13E+08	1.13E+08	1039	1107	112750000	-0.16383	0.010080816
chr13	1.13E+08	1.13E+08	1018	1126	112800000	-0.21784	0.001019977
chr13	1.13E+08	1.13E+08	1004	1060	112850000	-0.15068	0.016282033
chr13	1.13E+08	1.13E+08	831	886	112900000	-0.16483	0.009708364
chr13	1.13E+08	1.13E+08	641	703	112950000	-0.20557	0.001796553
chr13	1.13E+08	1.13E+08	978	1025	113200000	-0.14009	0.023424766

chr13	1.13E+08	1.13E+08	960	997	113300000	-0.12693	0.035821035
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chr13	1.13E+08	1.13E+08	982	1062	113400000	-0.18536	0.004305076
chr13	1.13E+08	1.14E+08	971	1060	113450000	-0.19889	0.002417525
chr13	1.13E+08	1.14E+08	1017	1154	113500000	-0.2547	0.000158451
chr13	1.14E+08	1.14E+08	1028	1188	113550000	-0.28107	3.60E-05
chr13	1.14E+08	1.14E+08	1077	1246	113600000	-0.28266	3.28E-05
chr13	1.14E+08	1.14E+08	1089	1307	113650000	-0.33563	1.14E-06
chr13	1.14E+08	1.14E+08	998	1241	113700000	-0.38676	2.83E-08
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chr13	1.14E+08	1.14E+08	1017	1059	113800000	-0.13075	0.031760158
chr13	1.14E+08	1.14E+08	878	908	113950000	-0.12084	0.043158182
chr13	1.14E+08	1.14E+08	974	1032	114100000	-0.15582	0.013547649
chr13	1.14E+08	1.14E+08	957	1003	114150000	-0.1401	0.023414404
chr13	1.14E+08	1.14E+08	1015	1095	114200000	-0.18182	0.004979184
chr13	1.14E+08	1.14E+08	1008	1141	114250000	-0.25117	0.000191287
chr13	1.14E+08	1.14E+08	752	892	114300000	-0.31868	3.53E-06
chr13	1.14E+08	1.14E+08	281	354	114350000	-0.40555	6.52E-09
chr13	1.14E+08	1.14E+08	237	274	114400000	-0.28166	3.48E-05
chr13	1.14E+08	1.15E+08	760	883	114450000	-0.28879	2.28E-05
chr13	1.14E+08	1.15E+08	1004	1233	114500000	-0.36879	1.09E-07
chr13	1.15E+08	1.15E+08	1019	1209	114550000	-0.31903	3.45E-06
chr13	1.15E+08	1.15E+08	959	1054	114600000	-0.20864	0.001563084
chr13	1.15E+08	1.15E+08	421	469	114650000	-0.22814	0.000621167
chr13	1.15E+08	1.15E+08	108	153	114700000	-0.57487	9.89E-16
chr13	1.15E+08	1.15E+08	586	698	114750000	-0.3247	2.38E-06
chr13	1.15E+08	1.15E+08	962	1104	114800000	-0.271	6.44E-05
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chr13	1.15E+08	1.15E+08	934	1092	114900000	-0.29785	1.32E-05
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chr13	1.15E+08	1.15E+08	52	36	115150000	0.458143	1.09E-10
chr10	1	100000	17	18	50000	-0.15483	0.014039201
chr10	100001	200000	718	621	150000	0.137019	0.026214499
chr10	150001	250000	960	826	2.00E+05	0.144521	0.020416171
chr10	350001	450000	963	1020	4.00E+05	-0.15533	0.013788683
chr10	400001	500000	987	1020	450000	-0.11982	0.044504594
chr10	450001	550000	919	970	5.00E+05	-0.15029	0.016504579
chr10	500001	600000	945	999	550000	-0.15254	0.015240198
chr10	550001	650000	1068	1108	6.00E+05	-0.12542	0.037541245
chr10	700001	800000	948	1003	750000	-0.15373	0.014604785
chr10	750001	850000	869	953	8.00E+05	-0.20549	0.001803062
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chr10	1050001	1150000	928	990	1100000	-0.16568	0.009402512
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chr10	1150001	1250000	1008	1213	1200000	-0.33946	8.80E-07
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chr10	1300001	1400000	859	981	1350000	-0.26397	9.55E-05
chr10	1350001	1450000	997	1105	1400000	-0.22075	0.000888238
chr10	1650001	1750000	1034	1118	1700000	-0.18506	0.004359762
chr10	1700001	1800000	1043	1101	1750000	-0.15045	0.01641445
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chr10	2950001	3050000	980	1047	3.00E+06	-0.16778	0.008677779
chr10	3000001	3100000	928	993	3050000	-0.17004	0.007954133
chr10	3050001	3150000	920	1000	3100000	-0.19267	0.003165567
chr10	3100001	3200000	977	1086	3150000	-0.22497	0.000725217
chr10	3150001	3250000	984	1119	3200000	-0.25785	0.000133583
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chr10	3800001	3900000	1020	1076	3850000	-0.14948	0.016981761
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chr10	4000001	4100000	1046	903	4050000	0.139713	0.023990175
chr10	4750001	4850000	1081	902	4800000	0.188795	0.003828175
chr10	4800001	4900000	1073	918	4850000	0.152712	0.015367955
chr10	5000001	5100000	610	515	5050000	0.171865	0.007559136
chr10	5500001	5600000	1054	1107	5550000	-0.14315	0.021127867
chr10	5550001	5650000	1106	1171	5600000	-0.15476	0.014075888
chr10	5600001	5700000	1090	1144	5650000	-0.14213	0.02187168
chr10	5650001	5750000	992	1028	5700000	-0.1238	0.039455216
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chr10	9600001	9700000	1113	972	9650000	0.123054	0.040688808
chr10	9650001	9750000	1148	991	9700000	0.139794	0.023926071
chr10	9700001	9800000	1133	935	9750000	0.204738	0.001927047
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chr10	9900001	10000000	1069	911	9950000	0.158367	0.012546257
chr10	9950001	10050000	1054	878	1.00E+07	0.19121	0.003460003
chr10	10000001	10100000	1021	874	10050000	0.151906	0.015811849
chr10	10050001	10150000	984	851	10100000	0.137127	0.026121602
chr10	10100001	10200000	983	838	10150000	0.157869	0.012775127
chr10	10300001	10400000	1041	899	10350000	0.139205	0.02439686

chr10	10350001	10450000	1057	900	10400000	0.159607	0.01199168
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chr10	11200001	11300000	1018	1076	11250000	-0.15231	0.015365382
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chr10	12050001	12150000	773	677	12100000	0.118941	0.046020561
chr10	12800001	12900000	958	991	12850000	-0.12123	0.042656751
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chr10	13250001	13350000	859	711	13300000	0.200437	0.002329236
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chr10	14800001	14900000	983	847	14850000	0.142458	0.02189029
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chr10	15700001	15800000	924	964	15750000	-0.13351	0.029074755
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chr10	15950001	16050000	1005	829	1.60E+07	0.20538	0.001872777
chr10	16300001	16400000	947	981	16350000	-0.12326	0.040110856
chr10	16400001	16500000	981	829	16450000	0.170509	0.007965182
chr10	16500001	16600000	942	826	16550000	0.117214	0.048421652
chr10	17100001	17200000	1047	873	17150000	0.189836	0.003665391
chr10	17150001	17250000	1027	869	17200000	0.168636	0.008557728
chr10	17700001	17800000	759	632	17750000	0.191804	0.003374576
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chr10	19400001	19500000	1020	887	19450000	0.129191	0.033677707
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chr10	19500001	19600000	979	846	19550000	0.138279	0.025153141
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chr10	19700001	19800000	972	819	19750000	0.174721	0.006763139
chr10	19750001	19850000	995	837	19800000	0.177097	0.006158511
chr10	19850001	19950000	990	810	19900000	0.217135	0.001095891
chr10	19900001	20000000	970	813	19950000	0.182358	0.004987775
chr10	20250001	20350000	1010	881	20300000	0.12477	0.038618313
chr10	20550001	20650000	986	843	20600000	0.153683	0.014847702
chr10	21600001	21700000	829	684	21650000	0.205004	0.001904371
chr10	21650001	21750000	825	681	21700000	0.204368	0.001959

chr10	21900001	22000000	966	814	21950000	0.174623	0.006789294
chr10	21950001	22050000	1044	911	2.20E+07	0.124227	0.039263502
chr10	22100001	22200000	883	760	22150000	0.144042	0.020750389
chr10	22150001	22250000	991	838	22200000	0.169563	0.008259856
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chr10	24300001	24400000	934	809	24350000	0.134911	0.028072924
chr10	24400001	24500000	1030	869	24450000	0.172844	0.00727729
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chr10	24600001	24700000	964	845	24650000	0.11771	0.047721359
chr10	25250001	25350000	1028	863	25300000	0.180036	0.005477432
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chr10	25500001	25600000	1030	849	25550000	0.206436	0.001786491
chr10	26150001	26250000	1007	876	26200000	0.128689	0.034211178
chr10	26200001	26300000	951	790	26250000	0.195221	0.002918523
chr10	26800001	26900000	911	763	26850000	0.183396	0.004781677
chr10	27100001	27200000	768	824	27150000	-0.17391	0.006838645
chr10	27250001	27350000	970	825	27300000	0.161219	0.011302412
chr10	27300001	27400000	906	785	27350000	0.134447	0.028496916
chr10	27350001	27450000	893	749	27400000	0.181323	0.005201008
chr10	28300001	28400000	1036	907	28350000	0.119478	0.045294007
chr10	28650001	28750000	892	772	28700000	0.136071	0.027036937
chr10	29750001	29850000	797	829	29800000	-0.12916	0.03340046
chr10	30100001	30200000	1036	1068	30150000	-0.11626	0.049449666
chr10	30150001	30250000	982	1035	30200000	-0.14821	0.017754703
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chr10	31300001	31400000	980	837	31350000	0.155182	0.014074349
chr10	31600001	31700000	1014	846	31650000	0.188956	0.00380259
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chr10	32050001	32150000	1001	860	32100000	0.146662	0.018976718
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chr10	33100001	33200000	833	726	33150000	0.125975	0.037215849
chr10	33150001	33250000	932	813	33200000	0.124703	0.03869723
chr10	33800001	33900000	966	840	33850000	0.129262	0.033603145
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chr10	37450001	37550000	528	456	37500000	0.139132	0.02445574
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chr10	38150001	38250000	837	713	38200000	0.158954	0.012281076
chr10	38350001	38450000	747	629	38400000	0.175676	0.006513973
chr10	38600001	38700000	120	130	38650000	-0.18785	0.003881164
chr10	38650001	38750000	83	97	38700000	-0.29725	1.37E-05
chr10	38700001	38800000	521	650	38750000	-0.39153	1.96E-08
chr10	38750001	38850000	966	1261	38800000	-0.45684	8.87E-11
chr10	38800001	38900000	857	1119	38850000	-0.45721	8.58E-11
chr10	38850001	38950000	427	518	38900000	-0.35109	3.92E-07
chr10	38950001	39050000	104	110	3.90E+07	-0.15329	0.014837967
chr10	39000001	39100000	472	588	39050000	-0.3894	2.31E-08
chr10	39050001	39150000	1579	1958	39100000	-0.38274	3.85E-08
chr10	39100001	39200000	1310	1631	39150000	-0.38856	2.47E-08
chr10	39150001	39250000	145	192	39200000	-0.47743	1.41E-11
chr10	42300001	42400000	3834	4449	42350000	-0.287	2.54E-05
chr10	42350001	42450000	4484	5130	42400000	-0.26654	8.27E-05
chr10	42700001	42800000	231	268	42750000	-0.28671	2.58E-05
chr10	42750001	42850000	544	566	42800000	-0.12957	0.03297835
chr10	43100001	43200000	677	701	43150000	-0.12263	0.040887763
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chr10	43300001	43400000	600	620	43350000	-0.11968	0.044693179
chr10	43350001	43450000	747	818	43400000	-0.20336	0.001983532
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chr10	43450001	43550000	975	1039	43500000	-0.16409	0.009981926
chr10	43500001	43600000	1051	1162	43550000	-0.21722	0.001050346
chr10	43550001	43650000	1049	1191	43600000	-0.25553	0.000151479
chr10	43700001	43800000	1100	1151	43750000	-0.13776	0.025312794
chr10	43750001	43850000	974	1005	43800000	-0.11757	0.047575064
chr10	44700001	44800000	842	889	44750000	-0.15073	0.016248632
chr10	44750001	44850000	997	1035	44800000	-0.12634	0.036488273
chr10	44800001	44900000	1118	1223	44850000	-0.20188	0.002119408
chr10	44850001	44950000	972	1039	44900000	-0.16854	0.008428455
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chr10	45400001	45500000	1082	1210	45450000	-0.23368	0.000472026
chr10	45850001	45950000	856	940	45900000	-0.20742	0.001652435
chr10	46150001	46250000	200	207	46200000	-0.122	0.041674011
chr10	46200001	46300000	60	66	46250000	-0.20988	0.001477547
chr10	46250001	46350000	12	13	46300000	-0.18785	0.003881164
chr10	46450001	46550000	8	23	46500000	-1.59593	1.81E-77
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chr10	46550001	46650000	6	5	46600000	0.190663	0.003540577
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chr10	47150001	47250000	4	1	47200000	1.927628	4.39E-93

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chr10	47300001	47400000	21	24	47350000	-0.26502	9.01E-05
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chr10	47400001	47500000	3	5	47450000	-0.80934	7.76E-28
chr10	47450001	47550000	75	55	47500000	0.375087	8.22E-08
chr10	47550001	47650000	638	682	47600000	-0.16859	0.008412954
chr10	47600001	47700000	865	937	47650000	-0.18772	0.003902069
chr10	47650001	47750000	484	533	47700000	-0.2115	0.001371223
chr10	47700001	47800000	42	44	47750000	-0.13949	0.023901227
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chr10	48100001	48200000	2	3	48150000	-0.65733	1.11E-19
chr10	48150001	48250000	3	2	48200000	0.512591	8.10E-13
chr10	48300001	48400000	992	1057	48350000	-0.16394	0.010041536
chr10	48350001	48450000	1069	1186	48400000	-0.22221	0.00082821
chr10	48700001	48800000	10	4	48750000	1.249556	2.09E-53
chr10	48800001	48900000	5	4	48850000	0.249556	0.000220671
chr10	48850001	48950000	7	3	48900000	1.150021	2.93E-47
chr10	48950001	49050000	8	9	4.90E+07	-0.2423	0.000304577
chr10	49150001	49250000	11	7	49200000	0.579705	1.10E-15
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chr10	49300001	49400000	100	121	49350000	-0.34738	5.08E-07
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chr10	49450001	49550000	1005	1049	49500000	-0.13419	0.028443421
chr10	49550001	49650000	978	852	49600000	0.126609	0.036495136
chr10	49650001	49750000	1086	1202	49700000	-0.21878	0.000975438
chr10	49700001	49800000	1087	1133	49750000	-0.13217	0.030359431
chr10	49800001	49900000	1033	1092	49850000	-0.1525	0.015260697
chr10	49850001	49950000	1012	1125	49900000	-0.22509	0.000720934
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chr10	50000001	50100000	1102	1183	50050000	-0.1747	0.006629282
chr10	50150001	50250000	1030	1100	50200000	-0.16723	0.008861846
chr10	50200001	50300000	1035	1087	50250000	-0.14309	0.021170371
chr10	50250001	50350000	1087	1143	50300000	-0.14485	0.019942204
chr10	50300001	50400000	1038	1136	50350000	-0.20253	0.002058861
chr10	50500001	50600000	1100	1156	50550000	-0.14401	0.02052009
chr10	50550001	50650000	1045	1078	50600000	-0.11723	0.04806524
chr10	50750001	50850000	1057	1132	50800000	-0.17127	0.007583366
chr10	50800001	50900000	1092	1207	50850000	-0.21682	0.001070045
chr10	50950001	51050000	977	1027	5.10E+07	-0.14438	0.020263966
chr10	51400001	51500000	71	84	51450000	-0.31494	4.50E-06
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chr10	51600001	51700000	4	9	51650000	-1.2423	9.13E-55
chr10	51750001	51850000	186	156	51800000	0.181385	0.00518798
chr10	51800001	51900000	76	56	51850000	0.368201	1.36E-07

chr10	51850001	51950000	6	5	51900000	0.190663	0.003540577
chr10	51900001	52000000	0	2	51950000	#NAME?	1.59E-189
chr10	52050001	52150000	1029	867	52100000	0.174767	0.006750892
chr10	52100001	52200000	1030	889	52150000	0.140017	0.023749464
chr10	52350001	52450000	719	754	52400000	-0.14094	0.022763148
chr10	52400001	52500000	286	320	52450000	-0.23443	0.000454603
chr10	52450001	52550000	144	154	52500000	-0.16923	0.008206176
chr10	52900001	53000000	1001	863	52950000	0.141638	0.022500681
chr10	53250001	53350000	938	816	53300000	0.128647	0.034256252
chr10	53300001	53400000	997	865	53350000	0.132522	0.030311658
chr10	54250001	54350000	1028	889	54300000	0.137213	0.026048447
chr10	54300001	54400000	1063	927	54350000	0.125129	0.038196254
chr10	54450001	54550000	963	1005	54500000	-0.13396	0.028657297
chr10	54500001	54600000	986	1049	54550000	-0.16173	0.010906809
chr10	55000001	55100000	985	859	55050000	0.125094	0.038236956
chr10	55050001	55150000	888	753	55100000	0.165538	0.009623372
chr10	55350001	55450000	1031	827	55400000	0.245713	0.000269394
chr10	55400001	55500000	963	817	55450000	0.164828	0.009883406
chr10	55500001	55600000	990	820	55550000	0.199433	0.002433477
chr10	55550001	55650000	1004	875	55600000	0.126033	0.03715013
chr10	55900001	56000000	974	852	55950000	0.120697	0.043679243
chr10	56000001	56100000	872	722	56050000	0.199958	0.002378483
chr10	56050001	56150000	866	690	56100000	0.255399	0.000162141
chr10	56100001	56200000	838	653	56150000	0.287495	2.69E-05
chr10	56150001	56250000	911	709	56200000	0.289294	2.42E-05
chr10	56200001	56300000	951	803	56250000	0.171674	0.007615344
chr10	56450001	56550000	948	813	56500000	0.14926	0.017346831
chr10	56550001	56650000	1022	884	56600000	0.136905	0.026312008
chr10	56600001	56700000	977	856	56650000	0.118376	0.046794906
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chr10	56850001	56950000	1022	848	56900000	0.196887	0.002717034
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chr10	56950001	57050000	983	838	5.70E+07	0.157869	0.012775127
chr10	57000001	57100000	1015	857	57050000	0.171741	0.007595554
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chr10	57100001	57200000	1091	938	57150000	0.14562	0.019666246
chr10	57200001	57300000	1009	880	57250000	0.124979	0.038371687
chr10	57250001	57350000	1044	858	57300000	0.2107	0.001473836
chr10	57300001	57400000	843	733	57350000	0.129348	0.033513105
chr10	57350001	57450000	772	630	57400000	0.220877	0.000919351
chr10	57400001	57500000	1013	772	57450000	0.31959	3.73E-06
chr10	57450001	57550000	851	713	57500000	0.182885	0.004882095
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chr10	57900001	58000000	994	812	57950000	0.219394	0.000985907
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chr10	58350001	58450000	970	784	58400000	0.234759	0.000469084
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chr10	58600001	58700000	1039	907	58650000	0.123649	0.039959878
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chr10	59050001	59150000	1056	895	59100000	0.166278	0.009358637
chr10	59100001	59200000	1036	877	59150000	0.168003	0.008766538
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chr10	59300001	59400000	991	842	59350000	0.162693	0.010702635
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chr10	61150001	61250000	941	766	61200000	0.224479	0.000774587
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chr10	62150001	62250000	1121	983	62200000	0.117151	0.048510129
chr10	63000001	63100000	1067	911	63050000	0.155665	0.013832672
chr10	63150001	63250000	1037	894	63200000	0.141697	0.022455797
chr10	63200001	63300000	1066	899	63250000	0.173443	0.007109771
chr10	63250001	63350000	1013	854	63300000	0.173954	0.006969164
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chr10	63700001	63800000	1059	908	63750000	0.149567	0.017162612
chr10	64000001	64100000	1032	878	64050000	0.160778	0.011487228
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chr10	70600001	70700000	846	736	70650000	0.12858	0.034327886
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chr10	71400001	71500000	1072	1163	71450000	-0.18992	0.003557671
chr10	71500001	71600000	1124	1181	71550000	-0.14374	0.020710501
chr10	71550001	71650000	1128	1244	71600000	-0.21359	0.001244724
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chr10	71700001	71800000	960	1001	71750000	-0.13271	0.029838101
chr10	72150001	72250000	905	933	72200000	-0.11633	0.049345968
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chr10	72600001	72700000	1070	1157	72650000	-0.18515	0.004342821
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chr10	72700001	72800000	1064	1137	72750000	-0.16811	0.008569896
chr10	72750001	72850000	1059	1157	72800000	-0.20006	0.002296825
chr10	72900001	73000000	1148	1200	72950000	-0.13628	0.026568923
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chr10	73000001	73100000	1155	1218	73050000	-0.14899	0.017274353
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chr10	73100001	73200000	1043	1156	73150000	-0.22077	0.000887335
chr10	73150001	73250000	1083	1165	73200000	-0.17767	0.005889977
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chr10	73300001	73400000	1116	1214	73350000	-0.1938	0.003015048
chr10	73350001	73450000	1088	1170	73400000	-0.1772	0.00600104
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chr10	73450001	73550000	1132	1214	73500000	-0.17327	0.007013994
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chr10	73750001	73850000	1029	1114	73800000	-0.18688	0.004041898
chr10	73800001	73900000	997	1051	73850000	-0.14847	0.017593573
chr10	73900001	74000000	806	700	73950000	0.131053	0.031759747
chr10	74000001	74100000	859	927	74050000	-0.18228	0.00488649
chr10	74350001	74450000	814	714	74400000	0.116733	0.049107255
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chr10	75000001	75100000	912	799	75050000	0.118467	0.046670055
chr10	75150001	75250000	922	791	75200000	0.148717	0.017676948
chr10	75500001	75600000	1016	1086	75550000	-0.1685	0.008442636
chr10	75550001	75650000	1072	1122	75600000	-0.13814	0.024993998
chr10	75700001	75800000	882	759	75750000	0.144307	0.020564939
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chr10	76100001	76200000	974	828	76150000	0.161919	0.011013903
chr10	76200001	76300000	1071	926	76250000	0.137503	0.025802805
chr10	76250001	76350000	972	822	76300000	0.169446	0.008296919
chr10	76300001	76400000	862	738	76350000	0.151695	0.015929604
chr10	76350001	76450000	939	805	76400000	0.149765	0.017044576
chr10	76700001	76800000	1045	916	76750000	0.117712	0.047719068
chr10	77150001	77250000	1054	1147	77200000	-0.19436	0.002943437
chr10	77400001	77500000	1034	1072	77450000	-0.12444	0.038688268
chr10	77800001	77900000	1166	1014	77850000	0.129138	0.033733684
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chr10	78500001	78600000	998	831	78550000	0.19182	0.003372297
chr10	78550001	78650000	974	831	78600000	0.156702	0.013326435
chr10	79250001	79350000	1046	1108	79300000	-0.15545	0.013732236
chr10	79300001	79400000	991	1052	79350000	-0.15855	0.012265708
chr10	79350001	79450000	1041	1077	79400000	-0.12142	0.042414522
chr10	79500001	79600000	965	1040	79550000	-0.18035	0.005285647
chr10	79550001	79650000	1046	1148	79600000	-0.20661	0.00171421
chr10	79850001	79950000	945	980	79900000	-0.12484	0.038217021
chr10	79900001	80000000	1133	1188	79950000	-0.14076	0.022905513
chr10	79950001	80050000	1139	1223	8.00E+07	-0.17503	0.006543077
chr10	80000001	80100000	1090	1135	80050000	-0.13074	0.031779097
chr10	80100001	80200000	1122	1161	80150000	-0.12167	0.042099128
chr10	80150001	80250000	1044	1174	80200000	-0.24168	0.000314377
chr10	80200001	80300000	1041	1137	80250000	-0.19963	0.002340107
chr10	80250001	80350000	1155	1193	80300000	-0.11907	0.04550644
chr10	80300001	80400000	1177	1249	80350000	-0.15803	0.01250092
chr10	80350001	80450000	1010	1063	80400000	-0.14616	0.019062232

chr10	80600001	80700000	1126	1224	80650000	-0.19277	0.003151727
chr10	80650001	80750000	1117	1266	80700000	-0.25302	0.000173356
chr10	80750001	80850000	1173	1250	80800000	-0.1641	0.009980591
chr10	80800001	80900000	1231	1312	80850000	-0.16431	0.00990124
chr10	80850001	80950000	1239	1314	80900000	-0.15716	0.012904351
chr10	80900001	81000000	1152	1341	80950000	-0.29154	1.93E-05
chr10	80950001	81050000	1149	1342	8.10E+07	-0.29638	1.44E-05
chr10	81000001	81100000	1190	1333	81050000	-0.23609	0.000418186
chr10	81050001	81150000	1178	1273	81100000	-0.18426	0.004504601
chr10	81350001	81450000	464	399	81400000	0.145364	0.019838327
chr10	81500001	81600000	54	40	81550000	0.360588	2.34E-07
chr10	81550001	81650000	83	68	81600000	0.215205	0.001198657
chr10	81900001	82000000	776	822	81950000	-0.15545	0.013728907
chr10	81950001	82050000	624	668	8.20E+07	-0.17067	0.007761274
chr10	82000001	82100000	783	847	82050000	-0.18572	0.00424114
chr10	82050001	82150000	826	894	82100000	-0.1865	0.004105251
chr10	82100001	82200000	871	916	82150000	-0.14505	0.019804996
chr10	83100001	83200000	1009	862	83150000	0.154795	0.014270951
chr10	83750001	83850000	1013	881	83800000	0.129048	0.033828783
chr10	84450001	84550000	980	834	84500000	0.160363	0.011664074
chr10	84500001	84600000	1010	851	84550000	0.174752	0.006754818
chr10	84750001	84850000	1026	857	84800000	0.187292	0.004074851
chr10	84800001	84900000	983	808	84850000	0.210464	0.001489738
chr10	84850001	84950000	986	824	84900000	0.186572	0.004198008
chr10	84900001	85000000	1038	867	84950000	0.187331	0.004068289
chr10	84950001	85050000	1058	908	8.50E+07	0.148204	0.017994353
chr10	85000001	85100000	972	837	85050000	0.143357	0.021237053
chr10	85700001	85800000	991	1040	85750000	-0.142	0.021969662
chr10	85950001	86050000	1015	1135	8.60E+07	-0.23358	0.000474252
chr10	86000001	86100000	914	965	86050000	-0.15071	0.016264931
chr10	86600001	86700000	1047	900	86650000	0.145893	0.019483409
chr10	86650001	86750000	1013	885	86700000	0.122513	0.041359464
chr10	86750001	86850000	1063	904	86800000	0.161375	0.011237465
chr10	86800001	86900000	1029	863	86850000	0.181439	0.005176697
chr10	87800001	87900000	1073	1174	87850000	-0.20215	0.002093393
chr10	87850001	87950000	1086	1223	87900000	-0.24377	0.000282196
chr10	87950001	88050000	1163	1232	8.80E+07	-0.15552	0.013694514
chr10	88000001	88100000	1120	1212	88050000	-0.18626	0.00414682
chr10	88050001	88150000	1154	1195	88100000	-0.12274	0.040752766
chr10	88350001	88450000	991	1036	88400000	-0.13644	0.026434052
chr10	88400001	88500000	1079	1120	88450000	-0.12618	0.036671506
chr10	88950001	89050000	51	60	8.90E+07	-0.30684	7.53E-06
chr10	89000001	89100000	24	27	89050000	-0.2423	0.000304577
chr10	89050001	89150000	32	39	89100000	-0.35777	2.43E-07
chr10	89150001	89250000	34	28	89200000	0.207736	0.00168529
chr10	89400001	89500000	1071	914	89450000	0.156321	0.013510641
chr10	89450001	89550000	1014	847	89500000	0.187252	0.004081577

chr10	89500001	89600000	976	807	89550000	0.201941	0.002180663
chr10	89550001	89650000	991	832	89600000	0.17993	0.005500839
chr10	89650001	89750000	943	794	89700000	0.175747	0.006495903
chr10	89700001	89800000	1003	855	89750000	0.157954	0.012736198
chr10	90100001	90200000	1007	866	90150000	0.145253	0.019913777
chr10	90300001	90400000	993	865	90350000	0.126722	0.036368415
chr10	90350001	90450000	981	814	90400000	0.196853	0.002721096
chr10	90400001	90500000	1065	926	90450000	0.129398	0.033460692
chr10	90450001	90550000	1079	937	90500000	0.131202	0.031610251
chr10	90500001	90600000	1065	927	90550000	0.12784	0.035128523
chr10	90950001	91050000	969	1010	9.10E+07	-0.13216	0.030368381
chr10	91750001	91850000	916	801	91800000	0.121174	0.043060086
chr10	92250001	92350000	1032	886	92300000	0.147693	0.018314996
chr10	92450001	92550000	1017	1071	92500000	-0.14701	0.018508722
chr10	92600001	92700000	982	1019	92650000	-0.12573	0.037180035
chr10	93150001	93250000	914	744	93200000	0.22452	0.00077306
chr10	93200001	93300000	875	735	93250000	0.179167	0.005671473
chr10	93400001	93500000	987	859	93450000	0.12802	0.034932549
chr10	93450001	93550000	943	813	93500000	0.141631	0.022506022
chr10	93650001	93750000	946	809	93700000	0.153329	0.01503587
chr10	93950001	94050000	857	744	9.40E+07	0.131621	0.031193293
chr10	94000001	94100000	872	742	94050000	0.160537	0.011589527
chr10	94150001	94250000	896	784	94200000	0.120273	0.044234652
chr10	94200001	94300000	917	790	94250000	0.142697	0.02171457
chr10	95350001	95450000	1068	930	95400000	0.127237	0.035792689
chr10	96400001	96500000	729	775	96450000	-0.16065	0.011352195
chr10	96600001	96700000	675	699	96650000	-0.12278	0.040706241
chr10	96750001	96850000	785	664	96800000	0.169138	0.008395438
chr10	96800001	96900000	767	669	96850000	0.124849	0.038525109
chr10	97000001	97100000	1106	954	97050000	0.140918	0.023047953
chr10	97050001	97150000	1101	949	97100000	0.141963	0.022257062
chr10	97250001	97350000	971	1017	97300000	-0.13915	0.024171468
chr10	97700001	97800000	1015	869	97750000	0.15168	0.015938247
chr10	98050001	98150000	1124	1169	98100000	-0.129	0.033568723
chr10	98100001	98200000	1084	1155	98150000	-0.1639	0.010054865
chr10	98150001	98250000	1065	1112	98200000	-0.13468	0.02800017
chr10	98400001	98500000	878	972	98450000	-0.21911	0.000960626
chr10	98600001	98700000	957	833	98650000	0.127831	0.035139186
chr10	98750001	98850000	1055	1124	98800000	-0.16377	0.010103788
chr10	99750001	99850000	1035	1138	99800000	-0.20924	0.001521019
chr10	1E+08	1E+08	1068	1116	100150000	-0.1358	0.026995126
chr10	1.01E+08	1.01E+08	938	823	100650000	0.116324	0.04969721
chr10	1.01E+08	1.01E+08	852	733	100700000	0.144668	0.020314022
chr10	1.02E+08	1.02E+08	1067	896	101950000	0.179618	0.005570072
chr10	1.02E+08	1.02E+08	960	829	1.02E+08	0.139291	0.024328192
chr10	1.02E+08	1.02E+08	976	1089	102400000	-0.23042	0.000555063
chr10	1.02E+08	1.03E+08	987	1132	102450000	-0.27012	6.76E-05

chr10	1.02E+08	1.03E+08	1026	1160	102500000	-0.24947	0.000209434
chr10	1.03E+08	1.03E+08	1017	1169	102750000	-0.27333	5.64E-05
chr10	1.03E+08	1.03E+08	995	1214	102800000	-0.35937	2.17E-07
chr10	1.03E+08	1.03E+08	1049	1135	102850000	-0.18605	0.004183768
chr10	1.03E+08	1.03E+08	968	998	102950000	-0.1164	0.049239796
chr10	1.03E+08	1.03E+08	984	1039	1.03E+08	-0.15084	0.016190083
chr10	1.03E+08	1.03E+08	970	1020	103050000	-0.14488	0.019915549
chr10	1.03E+08	1.03E+08	924	977	103100000	-0.15284	0.015080611
chr10	1.03E+08	1.03E+08	1029	869	103250000	0.171443	0.007683489
chr10	1.03E+08	1.03E+08	1082	1135	103350000	-0.14136	0.022444768
chr10	1.04E+08	1.04E+08	953	821	103750000	0.142722	0.021696372
chr10	1.04E+08	1.04E+08	834	903	103850000	-0.18705	0.004012938
chr10	1.04E+08	1.04E+08	993	1064	104400000	-0.172	0.007369414
chr10	1.05E+08	1.05E+08	874	758	104650000	0.133064	0.029791184
chr10	1.05E+08	1.05E+08	869	760	104950000	0.120985	0.043304027
chr10	1.05E+08	1.05E+08	982	1015	105200000	-0.12006	0.044189214
chr10	1.05E+08	1.05E+08	958	1093	105250000	-0.26257	0.000103166
chr10	1.05E+08	1.05E+08	984	1153	105300000	-0.30103	1.08E-05
chr10	1.05E+08	1.05E+08	1065	1192	105350000	-0.2349	0.000443904
chr10	1.05E+08	1.06E+08	1102	1154	105450000	-0.13889	0.024379227
chr10	1.05E+08	1.06E+08	1090	1218	105500000	-0.23256	0.000499208
chr10	1.06E+08	1.06E+08	1095	1193	105550000	-0.19603	0.002738293
chr10	1.06E+08	1.06E+08	1005	1065	106050000	-0.15603	0.013445685
chr10	1.07E+08	1.07E+08	938	822	107150000	0.118078	0.047207992
chr10	1.07E+08	1.07E+08	977	851	107200000	0.126828	0.036249573
chr10	1.08E+08	1.08E+08	1040	899	107800000	0.137819	0.025536742
chr10	1.08E+08	1.08E+08	972	845	108050000	0.129633	0.033214096
chr10	1.08E+08	1.08E+08	1035	888	108150000	0.148627	0.017732136
chr10	1.08E+08	1.08E+08	1028	869	108200000	0.17004	0.008110013
chr10	1.09E+08	1.09E+08	999	856	108700000	0.150502	0.016611002
chr10	1.09E+08	1.09E+08	981	840	108750000	0.151492	0.016043945
chr10	1.09E+08	1.09E+08	974	1004	108950000	-0.11614	0.049626725
chr10	1.09E+08	1.09E+08	1060	916	109200000	0.138273	0.025158466
chr10	1.09E+08	1.09E+08	1020	894	109250000	0.117851	0.04752453
chr10	1.09E+08	1.09E+08	957	1001	109350000	-0.13722	0.025761718
chr10	1.09E+08	1.1E+08	1113	952	109500000	0.153048	0.015186127
chr10	1.1E+08	1.1E+08	1044	890	109700000	0.157873	0.012773599
chr10	1.1E+08	1.1E+08	968	846	109800000	0.121978	0.042032592
chr10	1.1E+08	1.1E+08	942	817	109850000	0.133019	0.029833582
chr10	1.1E+08	1.1E+08	1004	829	110050000	0.203943	0.001996188
chr10	1.1E+08	1.1E+08	1115	945	110200000	0.166286	0.009356084
chr10	1.1E+08	1.1E+08	971	833	110250000	0.148783	0.017636669
chr10	1.11E+08	1.11E+08	805	702	111350000	0.125146	0.038175894
chr10	1.12E+08	1.12E+08	1048	913	1.12E+08	0.12658	0.036527939
chr10	1.12E+08	1.12E+08	1017	892	112050000	0.116832	0.048964889
chr10	1.12E+08	1.12E+08	1080	1114	112150000	-0.11709	0.048258577
chr10	1.12E+08	1.12E+08	1025	1083	112200000	-0.15178	0.015658096

chr10	1.12E+08	1.12E+08	943	1000	112250000	-0.15704	0.012960286
chr10	1.12E+08	1.12E+08	1027	892	112350000	0.130949	0.031864797
chr10	1.13E+08	1.13E+08	1045	884	112700000	0.169013	0.008435566
chr10	1.13E+08	1.13E+08	1029	877	112750000	0.158222	0.012612407
chr10	1.13E+08	1.13E+08	1025	1072	112850000	-0.13705	0.025906381
chr10	1.13E+08	1.13E+08	1074	911	112950000	0.165099	0.009783333
chr10	1.14E+08	1.14E+08	901	942	113850000	-0.13657	0.026319061
chr10	1.14E+08	1.14E+08	995	1049	113900000	-0.14862	0.017502305
chr10	1.15E+08	1.15E+08	1111	1148	115100000	-0.11964	0.044749152
chr10	1.17E+08	1.17E+08	942	977	116700000	-0.125	0.03802445
chr10	1.17E+08	1.17E+08	962	1007	116750000	-0.13833	0.024839667
chr10	1.17E+08	1.17E+08	988	810	116900000	0.214217	0.001254592
chr10	1.17E+08	1.17E+08	1000	825	116950000	0.205162	0.001891009
chr10	1.17E+08	1.17E+08	972	813	117150000	0.185329	0.004418293
chr10	1.17E+08	1.17E+08	973	786	117200000	0.235539	0.000451244
chr10	1.17E+08	1.17E+08	882	718	117250000	0.224423	0.000776649
chr10	1.17E+08	1.17E+08	867	740	117300000	0.156135	0.013601241
chr10	1.17E+08	1.17E+08	966	821	117350000	0.162269	0.010872166
chr10	1.17E+08	1.17E+08	1037	907	117400000	0.12087	0.043453738
chr10	1.18E+08	1.18E+08	976	1028	117750000	-0.14726	0.018350038
chr10	1.18E+08	1.18E+08	1078	1128	117900000	-0.13778	0.025291422
chr10	1.18E+08	1.18E+08	1003	1036	118400000	-0.11907	0.045504807
chr10	1.19E+08	1.19E+08	960	1029	118900000	-0.17251	0.007225558
chr10	1.19E+08	1.19E+08	1007	1107	118950000	-0.20896	0.001540473
chr10	1.19E+08	1.19E+08	1058	1133	1.19E+08	-0.17118	0.007610079
chr10	1.19E+08	1.19E+08	1057	926	119100000	0.11852	0.046597167
chr10	1.19E+08	1.19E+08	1040	880	119150000	0.168636	0.008557728
chr10	1.2E+08	1.2E+08	992	1034	120150000	-0.1322	0.030331968
chr10	1.2E+08	1.21E+08	943	817	120450000	0.13455	0.028402158
chr10	1.2E+08	1.21E+08	986	848	120500000	0.145152	0.019982705
chr10	1.21E+08	1.21E+08	992	1024	120750000	-0.11818	0.046735798
chr10	1.21E+08	1.21E+08	765	792	120900000	-0.12241	0.041159296
chr10	1.21E+08	1.21E+08	987	1025	121250000	-0.12687	0.035884853
chr10	1.22E+08	1.22E+08	1028	1076	122150000	-0.13821	0.024936133
chr10	1.22E+08	1.22E+08	950	987	122200000	-0.12749	0.035197112
chr10	1.22E+08	1.22E+08	1006	1068	122350000	-0.15865	0.012219182
chr10	1.23E+08	1.23E+08	1008	1039	122550000	-0.11607	0.049722064
chr10	1.23E+08	1.23E+08	1029	1073	122850000	-0.13278	0.029769668
chr10	1.23E+08	1.23E+08	999	1083	122900000	-0.18885	0.003721735
chr10	1.24E+08	1.24E+08	860	892	123800000	-0.12508	0.037936052
chr10	1.24E+08	1.24E+08	1001	1051	124300000	-0.14269	0.021459895
chr10	1.24E+08	1.24E+08	714	741	124350000	-0.12592	0.036961688
chr10	1.25E+08	1.25E+08	892	936	124650000	-0.14184	0.022089909
chr10	1.25E+08	1.25E+08	1057	1128	125250000	-0.16616	0.009229864
chr10	1.25E+08	1.25E+08	1094	1140	125300000	-0.13179	0.030725911
chr10	1.25E+08	1.26E+08	1045	1098	125500000	-0.14375	0.020704728
chr10	1.26E+08	1.26E+08	1020	1081	125550000	-0.15617	0.013377908

chr10	1.26E+08	1.26E+08	1032	1150	125750000	-0.22856	0.000608389
chr10	1.26E+08	1.26E+08	1069	1156	125800000	-0.18525	0.004324611
chr10	1.26E+08	1.26E+08	743	790	125850000	-0.16086	0.011262949
chr10	1.26E+08	1.26E+08	548	569	125900000	-0.12662	0.036164033
chr10	1.26E+08	1.26E+08	994	1058	126050000	-0.16239	0.010638941
chr10	1.26E+08	1.26E+08	887	934	126100000	-0.14686	0.018605337
chr10	1.26E+08	1.26E+08	992	1103	126200000	-0.22539	0.000710333
chr10	1.26E+08	1.26E+08	1060	1249	126250000	-0.30908	6.54E-06
chr10	1.26E+08	1.26E+08	1117	1243	126300000	-0.22657	0.000670791
chr10	1.26E+08	1.26E+08	1153	1230	126350000	-0.16564	0.009416045
chr10	1.26E+08	1.26E+08	1125	1219	126400000	-0.18814	0.003833334
chr10	1.27E+08	1.27E+08	1021	889	126650000	0.127356	0.035661377
chr10	1.27E+08	1.27E+08	974	1012	126850000	-0.12759	0.035094954
chr10	1.27E+08	1.27E+08	896	939	126900000	-0.14	0.023496201
chr10	1.27E+08	1.27E+08	1080	915	1.27E+08	0.166816	0.009170514
chr10	1.27E+08	1.27E+08	1116	899	127050000	0.239572	0.000368584
chr10	1.27E+08	1.27E+08	1005	1097	127200000	-0.19874	0.002433798
chr10	1.28E+08	1.28E+08	1057	1120	127900000	-0.1559	0.013511377
chr10	1.28E+08	1.28E+08	1063	1148	127950000	-0.18335	0.004676872
chr10	1.28E+08	1.28E+08	1039	1071	128300000	-0.11613	0.049630743
chr10	1.28E+08	1.29E+08	964	994	128450000	-0.11658	0.048980571
chr10	1.28E+08	1.29E+08	960	991	128500000	-0.11822	0.046670816
chr10	1.29E+08	1.29E+08	150	178	128650000	-0.31929	3.39E-06
chr10	1.29E+08	1.29E+08	789	836	128800000	-0.15585	0.013533755
chr10	1.29E+08	1.29E+08	1091	1140	128950000	-0.13575	0.027032776
chr10	1.3E+08	1.3E+08	866	901	129550000	-0.12953	0.033015166
chr10	1.3E+08	1.3E+08	933	986	129600000	-0.15208	0.015491516
chr10	1.3E+08	1.3E+08	1073	1119	129700000	-0.13293	0.029623656
chr10	1.3E+08	1.3E+08	1051	1096	130150000	-0.13286	0.029695057
chr10	1.3E+08	1.3E+08	1032	1069	130200000	-0.12319	0.040196357
chr10	1.3E+08	1.3E+08	1077	1126	130250000	-0.13656	0.026328886
chr10	1.3E+08	1.3E+08	1137	1176	130300000	-0.12103	0.042919246
chr10	1.31E+08	1.31E+08	1032	1069	130750000	-0.12319	0.040196357
chr10	1.31E+08	1.31E+08	1017	1083	130900000	-0.16309	0.010367139
chr10	1.31E+08	1.31E+08	1058	1119	131350000	-0.15324	0.014864288
chr10	1.31E+08	1.31E+08	1028	1130	131400000	-0.20885	0.001548158
chr10	1.32E+08	1.32E+08	1003	1107	131550000	-0.21471	0.001181776
chr10	1.32E+08	1.32E+08	1047	1183	131600000	-0.24856	0.000219689
chr10	1.32E+08	1.32E+08	1072	1150	131650000	-0.1737	0.006895179
chr10	1.32E+08	1.32E+08	1065	1144	131700000	-0.17561	0.006395102
chr10	1.32E+08	1.32E+08	1013	1084	131750000	-0.1701	0.007935165
chr10	1.32E+08	1.32E+08	1013	1078	131800000	-0.16209	0.010758294
chr10	1.32E+08	1.32E+08	921	967	131950000	-0.14269	0.02146423
chr10	1.32E+08	1.32E+08	1023	1131	1.32E+08	-0.21716	0.001053053
chr10	1.32E+08	1.32E+08	990	1072	132050000	-0.18718	0.003991906
chr10	1.32E+08	1.32E+08	899	946	132100000	-0.14589	0.019238623
chr10	1.32E+08	1.32E+08	949	1064	132150000	-0.23739	0.000391499

chr10	1.32E+08	1.32E+08	1020	1134	132200000	-0.22522	0.000716198
chr10	1.32E+08	1.32E+08	1064	1119	132250000	-0.14508	0.019779874
chr10	1.32E+08	1.33E+08	1011	1173	132500000	-0.28679	2.57E-05
chr10	1.33E+08	1.33E+08	1024	1287	132550000	-0.40217	8.54E-09
chr10	1.33E+08	1.33E+08	1064	1211	132600000	-0.25907	0.000124988
chr10	1.33E+08	1.33E+08	1076	1154	132650000	-0.17334	0.006994543
chr10	1.33E+08	1.33E+08	1045	1188	132700000	-0.2574	0.000136874
chr10	1.33E+08	1.33E+08	1050	1112	132750000	-0.15514	0.013885554
chr10	1.33E+08	1.33E+08	1035	1080	132850000	-0.13377	0.028831366
chr10	1.33E+08	1.33E+08	975	1033	132900000	-0.15574	0.013588479
chr10	1.33E+08	1.33E+08	996	1118	132950000	-0.23907	0.000359346
chr10	1.33E+08	1.33E+08	1092	1240	1.33E+08	-0.25574	0.000149783
chr10	1.33E+08	1.33E+08	1096	1181	133050000	-0.18013	0.005333308
chr10	1.33E+08	1.33E+08	1045	1102	133100000	-0.14899	0.017274353
chr10	1.33E+08	1.33E+08	1071	1145	133150000	-0.16876	0.008356895
chr10	1.33E+08	1.33E+08	1077	1143	133200000	-0.15818	0.012433398
chr10	1.33E+08	1.33E+08	999	1041	133300000	-0.13179	0.030733381
chr10	1.33E+08	1.34E+08	708	733	133450000	-0.12244	0.041130375
chr10	1.33E+08	1.34E+08	1016	1135	133500000	-0.23216	0.000509108
chr10	1.34E+08	1.34E+08	1099	1217	133550000	-0.21951	0.000942439
chr10	1.34E+08	1.34E+08	1145	1192	133600000	-0.13041	0.032111468
chr10	1.34E+08	1.34E+08	826	885	133650000	-0.17191	0.007397339
chr10	1.34E+08	1.34E+08	468	524	133700000	-0.23543	0.000432274
chr10	1.34E+08	1.34E+08	683	752	133750000	-0.21122	0.001389119
chr10	1.34E+08	1.34E+08	917	971	133800000	-0.15492	0.013995065
chr10	1.34E+08	1.34E+08	1002	1116	133950000	-0.22783	0.000630782
chr10	1.34E+08	1.34E+08	1070	1271	1.34E+08	-0.32073	3.09E-06
chr10	1.34E+08	1.34E+08	1022	1221	134050000	-0.32904	1.78E-06
chr10	1.34E+08	1.34E+08	998	1161	134100000	-0.29063	2.04E-05
chr10	1.34E+08	1.34E+08	978	1155	134150000	-0.31236	5.31E-06
chr10	1.34E+08	1.34E+08	1089	1273	134200000	-0.2976	1.34E-05
chr10	1.34E+08	1.34E+08	1205	1365	134250000	-0.25224	0.000180739
chr10	1.34E+08	1.34E+08	1103	1267	134300000	-0.27236	5.96E-05
chr10	1.34E+08	1.34E+08	997	1133	134350000	-0.25685	0.000141015
chr10	1.34E+08	1.34E+08	1058	1162	134400000	-0.20764	0.001635979
chr10	1.34E+08	1.35E+08	1054	1225	134450000	-0.28928	2.22E-05
chr10	1.34E+08	1.35E+08	1012	1232	134500000	-0.35616	2.73E-07
chr10	1.35E+08	1.35E+08	1098	1263	134550000	-0.27435	5.32E-05
chr10	1.35E+08	1.35E+08	1030	1162	134600000	-0.24634	0.000246894
chr10	1.35E+08	1.35E+08	984	1138	134650000	-0.28214	3.38E-05
chr10	1.35E+08	1.35E+08	1040	1176	134700000	-0.24968	0.000207115
chr10	1.35E+08	1.35E+08	1049	1170	134750000	-0.22987	0.000570561
chr10	1.35E+08	1.35E+08	1085	1174	134800000	-0.18611	0.004173391
chr10	1.35E+08	1.35E+08	1072	1203	134850000	-0.2387	0.000366206
chr10	1.35E+08	1.35E+08	1096	1316	134900000	-0.33628	1.09E-06
chr10	1.35E+08	1.35E+08	1047	1303	134950000	-0.38795	2.59E-08
chr10	1.35E+08	1.35E+08	982	1231	1.35E+08	-0.39841	1.15E-08

chr10	1.35E+08	1.35E+08	1032	1233	135050000	-0.3291	1.78E-06
chr10	1.35E+08	1.35E+08	953	1157	135100000	-0.35221	3.62E-07
chr10	1.35E+08	1.35E+08	938	1142	135150000	-0.35627	2.71E-07
chr10	1.35E+08	1.35E+08	866	983	135200000	-0.2552	0.000154235
chr10	1.35E+08	1.35E+08	817	852	135250000	-0.13289	0.029664293
chr10	1.35E+08	1.36E+08	408	430	135450000	-0.14814	0.017797026
chr10	1.35E+08	1.36E+08	148	193	135500000	-0.45538	1.01E-10
chr10	1.36E+08	1.36E+08	94	120	135550000	-0.42467	1.38E-09
chr5	200001	300000	448	508	250000	-0.2537	0.00016714
chr5	250001	350000	640	715	3.00E+05	-0.23224	0.000507098
chr5	300001	400000	967	1001	350000	-0.12223	0.041392837
chr5	350001	450000	1059	1117	4.00E+05	-0.1493	0.017090659
chr5	400001	500000	1049	1170	450000	-0.22987	0.000570561
chr5	450001	550000	1068	1186	5.00E+05	-0.22356	0.000776091
chr5	500001	600000	1060	1146	550000	-0.18491	0.004385307
chr5	550001	650000	965	1059	6.00E+05	-0.20647	0.001724944
chr5	600001	700000	818	950	650000	-0.2882	2.36E-05
chr5	650001	750000	476	569	7.00E+05	-0.32984	1.69E-06
chr5	700001	800000	396	447	750000	-0.24715	0.000236652
chr5	750001	850000	420	457	8.00E+05	-0.19418	0.002967047
chr5	800001	900000	637	660	850000	-0.12354	0.03976471
chr5	900001	1000000	1055	1132	950000	-0.174	0.006813647
chr5	950001	1050000	1048	1295	1.00E+06	-0.37769	5.64E-08
chr5	1000001	1100000	1007	1294	1050000	-0.43415	6.26E-10
chr5	1050001	1150000	1027	1291	1100000	-0.40242	8.36E-09
chr5	1100001	1200000	1065	1376	1150000	-0.442	3.21E-10
chr5	1150001	1250000	1086	1359	1200000	-0.39589	1.40E-08
chr5	1200001	1300000	1038	1202	1250000	-0.284	3.03E-05
chr5	1250001	1350000	914	1072	1300000	-0.30241	9.94E-06
chr5	1300001	1400000	937	1123	1350000	-0.33361	1.31E-06
chr5	1350001	1450000	1074	1240	1400000	-0.27972	3.90E-05
chr5	1400001	1500000	1098	1264	1450000	-0.27549	4.98E-05
chr5	1450001	1550000	1041	1185	1500000	-0.25929	0.00012352
chr5	1500001	1600000	792	898	1550000	-0.25359	0.000168172
chr5	1550001	1650000	482	524	1600000	-0.19291	0.003133323
chr5	1650001	1750000	959	1025	1700000	-0.16839	0.008475959
chr5	1700001	1800000	929	1063	1750000	-0.26676	8.17E-05
chr5	1750001	1850000	1026	1162	1800000	-0.25195	0.000183542
chr5	1800001	1900000	1059	1224	1850000	-0.28127	3.56E-05
chr5	1850001	1950000	1072	1204	1900000	-0.2399	0.00034446
chr5	2100001	2200000	1077	1155	2150000	-0.17325	0.007019469
chr5	2150001	2250000	1009	1102	2200000	-0.19957	0.002346717
chr5	2200001	2300000	1027	1071	2250000	-0.13289	0.029659573
chr5	2600001	2700000	1078	1129	2650000	-0.13906	0.024242444
chr5	2650001	2750000	1043	1165	2700000	-0.23196	0.00051423
chr5	2700001	2800000	1041	1128	2750000	-0.18817	0.003829498
chr5	2950001	3050000	1082	1121	3.00E+06	-0.12346	0.039870356

chr5	3000001	3100000	1059	1097	3050000	-0.12323	0.040144846
chr5	3300001	3400000	1129	1234	3350000	-0.20067	0.002235782
chr5	3550001	3650000	1087	1126	3600000	-0.12323	0.040152253
chr5	3650001	3750000	1038	897	3700000	0.138255	0.025173537
chr5	4350001	4450000	1123	959	4400000	0.155383	0.013973313
chr5	4600001	4700000	942	972	4650000	-0.1176	0.047536553
chr5	4850001	4950000	947	1018	4900000	-0.17667	0.006129103
chr5	4900001	5000000	990	1061	4950000	-0.1723	0.007285873
chr5	5300001	5400000	976	1027	5350000	-0.14585	0.01926245
chr5	6300001	6400000	1110	1148	6350000	-0.12093	0.043039378
chr5	6350001	6450000	1063	1126	6400000	-0.15544	0.013737098
chr5	6400001	6500000	1062	1106	6450000	-0.13094	0.031574068
chr5	6450001	6550000	1040	1095	6500000	-0.14672	0.018696398
chr5	6500001	6600000	983	1022	6550000	-0.1285	0.034101877
chr5	6650001	6750000	1079	1134	6700000	-0.1441	0.020458636
chr5	6700001	6800000	1101	1248	6750000	-0.25318	0.000171921
chr5	6750001	6850000	1054	1132	6800000	-0.17537	0.006454891
chr5	7950001	8050000	1041	904	8.00E+06	0.131204	0.03160877
chr5	8000001	8100000	1037	870	8050000	0.180957	0.005278315
chr5	9200001	9300000	912	956	9250000	-0.14035	0.023222508
chr5	10650001	10750000	1055	1164	10700000	-0.21422	0.00120884
chr5	10700001	10800000	1030	1063	10750000	-0.11787	0.047161597
chr5	10900001	11000000	993	1043	10950000	-0.14325	0.021061094
chr5	11300001	11400000	1014	1059	11350000	-0.13502	0.027690947
chr5	11500001	11600000	1101	964	11550000	0.119338	0.045482713
chr5	11550001	11650000	1098	946	11600000	0.142594	0.021790036
chr5	11600001	11700000	968	840	11650000	0.132246	0.030579221
chr5	11950001	12050000	949	829	1.20E+07	0.122664	0.04117101
chr5	12150001	12250000	983	848	12200000	0.140755	0.02317357
chr5	12200001	12300000	1088	874	12250000	0.243602	0.00030028
chr5	12250001	12350000	1063	858	12300000	0.23672	0.0004254
chr5	12300001	12400000	1088	841	12350000	0.299129	1.34E-05
chr5	12350001	12450000	1074	881	12400000	0.213408	0.001302196
chr5	12450001	12550000	939	802	12500000	0.155151	0.014090085
chr5	12500001	12600000	997	812	12550000	0.223742	0.000802359
chr5	12800001	12900000	992	845	12850000	0.159017	0.012252786
chr5	13000001	13100000	1036	901	13050000	0.129053	0.033823761
chr5	13050001	13150000	1042	851	13100000	0.219752	0.000969439
chr5	13100001	13200000	1033	819	13150000	0.262533	0.000110402
chr5	13150001	13250000	1046	890	13200000	0.160634	0.011548432
chr5	13200001	13300000	1062	923	13250000	0.130009	0.032823478
chr5	13400001	13500000	944	979	13450000	-0.12489	0.038152876
chr5	14100001	14200000	1039	1081	14150000	-0.12954	0.033003918
chr5	14150001	14250000	1046	1100	14200000	-0.14499	0.019841844
chr5	14350001	14450000	1035	1082	14400000	-0.13644	0.026431719
chr5	14400001	14500000	1006	1109	14450000	-0.213	0.00127931
chr5	14450001	14550000	947	1050	14500000	-0.22132	0.000864275

chr5	14500001	14600000	923	1050	14550000	-0.25836	0.000129949
chr5	14550001	14650000	927	1006	14600000	-0.19036	0.003491663
chr5	15050001	15150000	963	1000	15100000	-0.12676	0.036007465
chr5	15100001	15200000	982	1054	15150000	-0.17445	0.006694014
chr5	15250001	15350000	943	791	15300000	0.181208	0.005225067
chr5	15300001	15400000	1000	848	15350000	0.165492	0.009640027
chr5	16400001	16500000	954	988	16450000	-0.12289	0.040561808
chr5	17550001	17650000	289	301	17600000	-0.13107	0.031447269
chr5	17950001	18050000	974	822	1.80E+07	0.172412	0.007400688
chr5	18100001	18200000	1003	842	18150000	0.180058	0.005472671
chr5	18150001	18250000	1000	802	18200000	0.245954	0.000266068
chr5	18200001	18300000	996	854	18250000	0.149538	0.017179789
chr5	18500001	18600000	894	933	18550000	-0.13397	0.0286439
chr5	18600001	18700000	940	772	18650000	0.211688	0.001408961
chr5	18650001	18750000	882	764	18700000	0.134834	0.028142695
chr5	18700001	18800000	941	825	18750000	0.117429	0.048116954
chr5	18750001	18850000	954	810	18800000	0.163696	0.010310817
chr5	18800001	18900000	972	809	18850000	0.192445	0.003284384
chr5	18850001	18950000	994	825	18900000	0.19648	0.002765084
chr5	18900001	19000000	1039	857	18950000	0.205457	0.001866357
chr5	18950001	19050000	1061	880	1.90E+07	0.197477	0.002648747
chr5	19000001	19100000	955	816	19050000	0.15456	0.01439117
chr5	19150001	19250000	920	804	19200000	0.122067	0.041920121
chr5	19200001	19300000	1014	873	19250000	0.143632	0.021040332
chr5	19550001	19650000	1045	857	19600000	0.213764	0.001281063
chr5	19600001	19700000	1083	889	19650000	0.212406	0.001363457
chr5	19750001	19850000	975	854	19800000	0.118794	0.046220315
chr5	19800001	19900000	1026	870	19850000	0.165572	0.009611213
chr5	19850001	19950000	1082	902	19900000	0.190129	0.003620656
chr5	19900001	20000000	1062	925	19950000	0.126887	0.036183395
chr5	20050001	20150000	967	814	20100000	0.176115	0.006402269
chr5	20100001	20200000	981	812	20150000	0.200402	0.002332818
chr5	20150001	20250000	1042	868	20200000	0.191217	0.003459085
chr5	20300001	20400000	1032	828	20350000	0.245369	0.000274226
chr5	20350001	20450000	1023	799	20400000	0.284167	3.26E-05
chr5	20400001	20500000	1037	858	20450000	0.200995	0.002273092
chr5	20450001	20550000	1029	874	20500000	0.163166	0.010516192
chr5	20700001	20800000	90	97	20750000	-0.18043	0.005269155
chr5	20900001	21000000	610	498	20950000	0.220292	0.000945119
chr5	20950001	21050000	992	831	2.10E+07	0.18312	0.004835758
chr5	21150001	21250000	1006	837	21200000	0.192959	0.003213648
chr5	21200001	21300000	740	607	21250000	0.213457	0.001299285
chr5	21250001	21350000	252	214	21300000	0.163441	0.010409045
chr5	21300001	21400000	196	145	21350000	0.362429	2.05E-07
chr5	21600001	21700000	1010	801	21650000	0.262109	0.000112979
chr5	21650001	21750000	1034	900	21700000	0.127868	0.03509893
chr5	21750001	21850000	1005	875	21800000	0.127469	0.035536504

chr5	21800001	21900000	1002	844	21850000	0.175196	0.006638285
chr5	21850001	21950000	892	766	21900000	0.147328	0.018547012
chr5	22300001	22400000	991	842	22350000	0.162693	0.010702635
chr5	22350001	22450000	973	843	22400000	0.134535	0.028415461
chr5	22400001	22500000	1002	875	22450000	0.123156	0.040562997
chr5	22700001	22800000	1043	910	22750000	0.124429	0.03902235
chr5	23200001	23300000	1014	867	23250000	0.153582	0.014901238
chr5	23400001	23500000	1013	864	23450000	0.157159	0.013107982
chr5	23450001	23550000	961	835	23500000	0.130388	0.032433825
chr5	23600001	23700000	946	826	23650000	0.123327	0.040353453
chr5	23750001	23850000	1055	917	23800000	0.129878	0.032959935
chr5	23800001	23900000	998	838	23850000	0.179718	0.00554779
chr5	23850001	23950000	889	772	23900000	0.131211	0.03160158
chr5	23950001	24050000	1035	838	2.40E+07	0.232237	0.000531415
chr5	24000001	24100000	1000	847	24050000	0.167194	0.009040034
chr5	24100001	24200000	988	859	24150000	0.129481	0.033373055
chr5	24500001	24600000	953	833	24550000	0.121788	0.042273159
chr5	24550001	24650000	1008	863	24600000	0.151691	0.015931779
chr5	24700001	24800000	971	838	24750000	0.140149	0.02364557
chr5	24900001	25000000	1032	893	24950000	0.136339	0.026802176
chr5	24950001	25050000	992	816	2.50E+07	0.209399	0.001563472
chr5	25050001	25150000	881	773	25100000	0.116302	0.049728922
chr5	25100001	25200000	868	738	25150000	0.161702	0.011102507
chr5	25350001	25450000	976	836	25400000	0.151006	0.016319996
chr5	25400001	25500000	954	793	25450000	0.194297	0.003036023
chr5	25450001	25550000	932	781	25500000	0.182636	0.004931843
chr5	25650001	25750000	1003	854	25700000	0.159642	0.011976266
chr5	25700001	25800000	1122	933	25750000	0.193752	0.003107257
chr5	25900001	26000000	1006	834	25950000	0.198139	0.002574031
chr5	25950001	26050000	1043	851	2.60E+07	0.221136	0.000908156
chr5	26100001	26200000	972	801	26150000	0.206782	0.001759014
chr5	26700001	26800000	948	805	26750000	0.163527	0.010376006
chr5	26750001	26850000	948	800	26800000	0.172515	0.007370965
chr5	26800001	26900000	1009	854	26850000	0.168246	0.008685853
chr5	26950001	27050000	974	848	2.70E+07	0.127486	0.035517835
chr5	27100001	27200000	958	815	27150000	0.160854	0.011455378
chr5	27150001	27250000	939	801	27200000	0.156951	0.013206897
chr5	27200001	27300000	992	863	27250000	0.128608	0.034298238
chr5	27250001	27350000	1072	912	27300000	0.160827	0.011466519
chr5	27300001	27400000	1093	915	27350000	0.184078	0.004650567
chr5	27450001	27550000	1023	894	27500000	0.122088	0.04189355
chr5	27500001	27600000	1080	877	27550000	0.228011	0.000653331
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chr5	27600001	27700000	930	772	27650000	0.196258	0.00279158
chr5	27650001	27750000	921	805	27700000	0.121841	0.042206261
chr5	27700001	27800000	989	849	27750000	0.147834	0.018225669
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chr5	28100001	28200000	946	812	28150000	0.147989	0.018128637
chr5	28300001	28400000	948	806	28350000	0.161735	0.011088981
chr5	28600001	28700000	979	819	28650000	0.185074	0.004464871
chr5	28650001	28750000	1022	861	28700000	0.174938	0.006705763
chr5	28750001	28850000	852	733	28800000	0.144668	0.020314022
chr5	28800001	28900000	907	793	28850000	0.12141	0.042755982
chr5	29150001	29250000	1013	802	29200000	0.264588	9.87E-05
chr5	29200001	29300000	1039	841	29250000	0.232646	0.000520804
chr5	29650001	29750000	996	871	29700000	0.121101	0.043153512
chr5	29700001	29800000	958	839	29750000	0.118983	0.045963035
chr5	30250001	30350000	1046	916	30300000	0.119092	0.045815619
chr5	30400001	30500000	876	768	30450000	0.117453	0.048083151
chr5	30500001	30600000	1048	879	30550000	0.181332	0.00519908
chr5	30550001	30650000	1080	893	30600000	0.201927	0.002181932
chr5	31300001	31400000	944	994	31350000	-0.14683	0.018624313
chr5	32700001	32800000	949	815	32750000	0.147236	0.018605424
chr5	33000001	33100000	997	873	33050000	0.11924	0.045614476
chr5	33050001	33150000	961	812	33100000	0.170685	0.007911507
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chr5	34200001	34300000	60	63	34250000	-0.14276	0.02141004
chr5	34250001	34350000	104	89	34300000	0.152335	0.015574543
chr5	34300001	34400000	124	86	34350000	0.45556	1.36E-10
chr5	35350001	35450000	846	898	35400000	-0.15843	0.012319773
chr5	35950001	36050000	1057	906	3.60E+07	0.150021	0.016892961
chr5	36800001	36900000	1038	870	36850000	0.182347	0.00498985
chr5	36850001	36950000	1036	885	36900000	0.154903	0.014215827
chr5	37550001	37650000	945	804	37600000	0.160747	0.011500459
chr5	37600001	37700000	843	710	37650000	0.175342	0.006600301
chr5	37650001	37750000	859	751	37700000	0.121473	0.042674519
chr5	37750001	37850000	954	984	37800000	-0.11704	0.048328043
chr5	38500001	38600000	1095	938	38550000	0.150899	0.016381462
chr5	38550001	38650000	1042	898	38600000	0.142196	0.022083432
chr5	38800001	38900000	956	1009	38850000	-0.15022	0.016548941
chr5	38850001	38950000	985	1032	38900000	-0.13962	0.023795386
chr5	39600001	39700000	1046	870	39650000	0.193424	0.003150894
chr5	39650001	39750000	1004	857	39700000	0.15602	0.0136574
chr5	39700001	39800000	967	840	39750000	0.130755	0.032060869
chr5	39750001	39850000	1000	843	39800000	0.174024	0.006950325
chr5	39800001	39900000	1091	919	39850000	0.175143	0.006652192
chr5	40050001	40150000	938	795	40100000	0.166261	0.009364708
chr5	40700001	40800000	925	796	40750000	0.144313	0.020560637
chr5	41600001	41700000	1014	887	41650000	0.12068	0.043701048
chr5	41950001	42050000	947	828	4.20E+07	0.121362	0.04281764
chr5	42150001	42250000	975	841	42200000	0.140925	0.023043185

chr5	42200001	42300000	945	828	42250000	0.118312	0.046883588
chr5	43150001	43250000	915	736	43200000	0.241694	0.000330989
chr5	43200001	43300000	931	803	43250000	0.141009	0.022978126
chr5	43450001	43550000	885	749	43500000	0.16834	0.008654963
chr5	43500001	43600000	949	804	43550000	0.166841	0.009161871
chr5	43550001	43650000	1012	849	43600000	0.181001	0.005268913
chr5	43600001	43700000	957	835	43650000	0.124371	0.039091459
chr5	43850001	43950000	1030	899	43900000	0.12388	0.039681219
chr5	43900001	44000000	822	696	43950000	0.167679	0.008875224
chr5	43950001	44050000	769	667	4.40E+07	0.132925	0.029923546
chr5	44550001	44650000	931	809	44600000	0.13027	0.032555511
chr5	44800001	44900000	1044	897	44850000	0.14657	0.019036478
chr5	44850001	44950000	1039	895	44900000	0.142864	0.02159283
chr5	45300001	45400000	872	752	45350000	0.141224	0.022814339
chr5	45350001	45450000	975	834	45400000	0.152983	0.015221297
chr5	45400001	45500000	995	838	45450000	0.175375	0.006591827
chr5	45450001	45550000	956	761	45500000	0.256742	0.000150922
chr5	45500001	45600000	907	742	45550000	0.217312	0.001086897
chr5	45850001	45950000	744	649	45900000	0.124712	0.038685945
chr5	46100001	46200000	725	634	46150000	0.121126	0.043121033
chr5	46150001	46250000	801	669	46200000	0.187424	0.004052568
chr5	49800001	49900000	584	511	49850000	0.120273	0.044234652
chr5	49850001	49950000	523	440	49900000	0.176936	0.006198027
chr5	49900001	50000000	547	429	49950000	0.278191	4.61E-05
chr5	49950001	50050000	893	772	5.00E+07	0.137688	0.025646866
chr5	50300001	50400000	1074	904	50350000	0.176228	0.00637398
chr5	50350001	50450000	1035	890	50400000	0.145382	0.019826509
chr5	50500001	50600000	972	829	50550000	0.157212	0.013082764
chr5	50800001	50900000	1091	945	50850000	0.134893	0.028089239
chr5	50850001	50950000	1045	828	50900000	0.263428	0.000105138
chr5	50900001	51000000	976	766	50950000	0.277165	4.88E-05
chr5	50950001	51050000	983	834	5.10E+07	0.164772	0.009904056
chr5	51100001	51200000	1017	862	51150000	0.166188	0.009390592
chr5	51150001	51250000	996	812	51200000	0.222294	0.000859647
chr5	51200001	51300000	1033	841	51250000	0.224291	0.000781582
chr5	51250001	51350000	1050	920	51300000	0.118312	0.046883588
chr5	51350001	51450000	916	772	51400000	0.174375	0.006855471
chr5	51450001	51550000	905	764	51500000	0.171973	0.007527491
chr5	51500001	51600000	927	778	51550000	0.180427	0.005391993
chr5	51700001	51800000	1078	915	51750000	0.164142	0.010140516
chr5	51750001	51850000	977	828	51800000	0.166356	0.009331284
chr5	51800001	51900000	978	817	51850000	0.187127	0.004102812
chr5	51850001	51950000	1006	827	51900000	0.210299	0.001500951
chr5	52500001	52600000	925	808	52550000	0.122726	0.041093814
chr5	52700001	52800000	965	1001	52750000	-0.12521	0.037779584
chr5	53600001	53700000	1050	876	53650000	0.189015	0.003793331
chr5	54000001	54100000	1130	967	54050000	0.152363	0.015558768

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chr5	54450001	54550000	959	1004	54500000	-0.13853	0.024674233
chr5	54550001	54650000	1036	866	54600000	0.186213	0.004260494
chr5	54600001	54700000	1024	884	54650000	0.139726	0.023980253
chr5	54650001	54750000	1038	873	54700000	0.177381	0.006089561
chr5	54900001	55000000	934	788	54950000	0.172855	0.007274272
chr5	54950001	55050000	940	792	5.50E+07	0.174789	0.00674527
chr5	55000001	55100000	938	820	55050000	0.121592	0.042522557
chr5	55250001	55350000	810	865	55300000	-0.16715	0.008889299
chr5	55350001	55450000	955	831	55400000	0.12828	0.034650374
chr5	55450001	55550000	894	767	55500000	0.148676	0.017701986
chr5	55850001	55950000	1067	932	55900000	0.122787	0.041019023
chr5	56200001	56300000	1055	925	56250000	0.117346	0.048234045
chr5	56500001	56600000	920	789	56550000	0.149237	0.017360803
chr5	57400001	57500000	995	862	57450000	0.134637	0.028322587
chr5	57450001	57550000	970	835	57500000	0.143837	0.020895292
chr5	57650001	57750000	962	802	57700000	0.190063	0.003630757
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chr5	57900001	58000000	871	924	57950000	-0.15759	0.012703096
chr5	58300001	58400000	1047	896	58350000	0.152319	0.015583062
chr5	58350001	58450000	1058	906	58400000	0.151385	0.016104501
chr5	59600001	59700000	1027	890	59650000	0.134187	0.028736089
chr5	59700001	59800000	886	924	59750000	-0.13296	0.029598697
chr5	60200001	60300000	949	819	60250000	0.140173	0.023627054
chr5	61400001	61500000	932	973	61450000	-0.13448	0.028176623
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chr5	61800001	61900000	916	800	61850000	0.122976	0.040784753
chr5	61850001	61950000	1023	844	61900000	0.205119	0.00189461
chr5	62100001	62200000	781	674	62150000	0.140202	0.023604049
chr5	62350001	62450000	1044	866	62400000	0.197311	0.002667846
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chr5	62650001	62750000	991	856	62700000	0.138902	0.024642055
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chr5	63100001	63200000	1006	862	63150000	0.150499	0.01661295
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chr5	64800001	64900000	1016	877	64850000	0.13988	0.023857953
chr5	64850001	64950000	984	858	64900000	0.125309	0.037985686
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chr5	66350001	66450000	1096	936	66400000	0.155296	0.014017374
chr5	68500001	68600000	843	731	68550000	0.133289	0.029576588
chr5	68550001	68650000	817	693	68600000	0.165109	0.009779775
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chr5	69050001	69150000	5	2	69100000	1.249556	2.09E-53
chr5	69150001	69250000	6	2	69200000	1.512591	1.57E-69
chr5	69200001	69300000	12	4	69250000	1.512591	1.57E-69
chr5	69250001	69350000	10	11	69300000	-0.20988	0.001477547
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chr5	69350001	69450000	5	8	69400000	-0.75044	1.48E-24
chr5	69400001	69500000	5	7	69450000	-0.5578	5.82E-15
chr5	69550001	69650000	4	1	69600000	1.927628	4.39E-93
chr5	69600001	69700000	5	2	69650000	1.249556	2.09E-53
chr5	69650001	69750000	7	8	69700000	-0.26502	9.01E-05
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chr5	71100001	71200000	1017	1051	71150000	-0.11981	0.044510147
chr5	71600001	71700000	1003	1034	71650000	-0.11629	0.049410659
chr5	72100001	72200000	1000	874	72150000	0.121923	0.042101691
chr5	72500001	72600000	1042	1116	72550000	-0.17135	0.007558849
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chr5	73600001	73700000	1013	1074	73650000	-0.15673	0.013107519
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chr5	74600001	74700000	967	836	74650000	0.137641	0.025685898
chr5	75000001	75100000	743	780	75050000	-0.14248	0.021612159
chr5	75050001	75150000	684	707	75100000	-0.12009	0.044150728
chr5	75300001	75400000	976	854	75350000	0.120273	0.044234652
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chr5	76000001	76100000	954	790	76050000	0.199765	0.002398546
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chr5	79550001	79650000	772	668	79600000	0.136381	0.026765671
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chr5	81250001	81350000	857	740	81300000	0.139398	0.024241737
chr5	81300001	81400000	935	759	81350000	0.228495	0.000638161
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chr5	82300001	82400000	1070	937	82350000	0.119118	0.045779679
chr5	82350001	82450000	982	859	82400000	0.120693	0.043683745
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chr5	82450001	82550000	1108	923	82500000	0.191184	0.003463892
chr5	82650001	82750000	1042	912	82700000	0.119878	0.04475882
chr5	83150001	83250000	1006	848	83200000	0.174122	0.006923565
chr5	83200001	83300000	1112	869	83250000	0.283357	3.42E-05
chr5	83250001	83350000	1083	870	83300000	0.243574	0.000300702
chr5	83350001	83450000	996	849	83400000	0.158009	0.012710379
chr5	83400001	83500000	1090	863	83450000	0.264524	9.90E-05
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chr5	83700001	83800000	1062	899	83750000	0.168019	0.008761374
chr5	83750001	83850000	1054	854	83800000	0.231195	0.000559333
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chr5	84300001	84400000	1065	883	84350000	0.197996	0.002590004
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chr5	84750001	84850000	1014	836	84800000	0.206111	0.001812649
chr5	84800001	84900000	970	815	84850000	0.178813	0.005752274
chr5	84950001	85050000	933	764	8.50E+07	0.215933	0.001158905
chr5	85000001	85100000	945	798	85050000	0.171554	0.007650693
chr5	85100001	85200000	1058	861	85150000	0.224883	0.000759728
chr5	85150001	85250000	1066	858	85200000	0.240786	0.000346617
chr5	85200001	85300000	1020	855	85250000	0.182201	0.005019524
chr5	85250001	85350000	1044	849	85300000	0.225913	0.000723016
chr5	85300001	85400000	1026	843	85350000	0.211054	0.001450275
chr5	85350001	85450000	1005	863	85400000	0.147391	0.018506334
chr5	85400001	85500000	1031	855	85450000	0.197676	0.002626101
chr5	85450001	85550000	1009	806	85500000	0.251703	0.000197184
chr5	85500001	85600000	648	510	85550000	0.273125	6.14E-05

chr5	85550001	85650000	656	519	85600000	0.26559	9.34E-05
chr5	85600001	85700000	1022	868	85650000	0.163256	0.010480862
chr5	85650001	85750000	1050	907	85700000	0.138843	0.02469039
chr5	85700001	85800000	972	845	85750000	0.129633	0.033214096
chr5	86100001	86200000	1029	884	86150000	0.146753	0.018917305
chr5	86150001	86250000	1020	847	86200000	0.195764	0.002851477
chr5	86500001	86600000	966	835	86550000	0.137875	0.025489447
chr5	87100001	87200000	1014	864	87150000	0.158583	0.012448255
chr5	87150001	87250000	998	850	87200000	0.159205	0.012168924
chr5	87200001	87300000	984	823	87250000	0.185394	0.004406529
chr5	87250001	87350000	938	784	87300000	0.186362	0.00423437
chr5	87400001	87500000	918	797	87450000	0.131543	0.031270778
chr5	87450001	87550000	928	804	87500000	0.134558	0.028395187
chr5	87650001	87750000	1056	921	87700000	0.124965	0.038388105
chr5	87800001	87900000	1082	940	87850000	0.130596	0.032222026
chr5	87850001	87950000	1000	857	87900000	0.150261	0.016751625
chr5	88100001	88200000	1010	882	88150000	0.123133	0.040591101
chr5	88950001	89050000	1034	889	8.90E+07	0.145609	0.019673242
chr5	89000001	89100000	978	846	89050000	0.136805	0.026398157
chr5	89100001	89200000	1082	916	89150000	0.167909	0.008798019
chr5	89150001	89250000	1130	975	89200000	0.140477	0.023389456
chr5	89350001	89450000	855	742	89400000	0.132133	0.030688969
chr5	89400001	89500000	985	851	89450000	0.138593	0.024894965
chr5	89650001	89750000	971	829	89700000	0.155727	0.013801928
chr5	89700001	89800000	953	799	89750000	0.181909	0.005079241
chr5	90200001	90300000	955	810	90250000	0.165207	0.009743823
chr5	90250001	90350000	1020	852	90300000	0.187272	0.004078193
chr5	90450001	90550000	1008	849	90500000	0.175287	0.006614438
chr5	90600001	90700000	930	809	90650000	0.128719	0.034179005
chr5	90800001	90900000	982	824	90850000	0.180707	0.005331707
chr5	91000001	91100000	958	834	91050000	0.127607	0.035384881
chr5	91050001	91150000	986	850	91100000	0.141753	0.02241399
chr5	91250001	91350000	1068	904	91300000	0.168145	0.008719393
chr5	91300001	91400000	1011	865	91350000	0.152639	0.015407727
chr5	91350001	91450000	994	850	91400000	0.153411	0.014991885
chr5	91400001	91500000	930	756	91450000	0.226473	0.000703792
chr5	91450001	91550000	890	743	91500000	0.188071	0.003945237
chr5	91650001	91750000	692	546	91700000	0.269499	7.52E-05
chr5	91700001	91800000	1088	848	91750000	0.287171	2.74E-05
chr5	91850001	91950000	1065	916	91900000	0.145062	0.020043698
chr5	91900001	92000000	1112	861	91950000	0.2967	1.55E-05
chr5	91950001	92050000	1134	896	9.20E+07	0.267478	8.41E-05
chr5	92000001	92100000	1097	918	92050000	0.184626	0.004547576
chr5	92050001	92150000	1056	914	92100000	0.135972	0.02712417
chr5	92100001	92200000	1033	884	92150000	0.15235	0.015565914
chr5	92800001	92900000	901	739	92850000	0.213581	0.001291899
chr5	93200001	93300000	1043	871	93250000	0.187623	0.004019367

chr5	93250001	93350000	1006	877	93300000	0.12561	0.037636431
chr5	93400001	93500000	917	800	93450000	0.12455	0.038878414
chr5	93450001	93550000	980	840	93500000	0.150021	0.016892961
chr5	93500001	93600000	1111	924	93550000	0.193522	0.003137736
chr5	93650001	93750000	928	806	93700000	0.130973	0.031840208
chr5	94050001	94150000	995	1026	94100000	-0.11663	0.048909316
chr5	94250001	94350000	1037	886	94300000	0.154666	0.014336942
chr5	94300001	94400000	1085	945	94350000	0.126937	0.036127101
chr5	95450001	95550000	1057	902	95500000	0.156404	0.013470009
chr5	95500001	95600000	1029	895	95550000	0.128912	0.033974
chr5	96500001	96600000	895	775	96550000	0.13532	0.027704356
chr5	96700001	96800000	1052	907	96750000	0.141588	0.022537807
chr5	96900001	97000000	1024	874	96950000	0.156139	0.013599378
chr5	97150001	97250000	966	796	97200000	0.206883	0.001751095
chr5	97200001	97300000	981	747	97250000	0.320773	3.46E-06
chr5	97250001	97350000	989	808	97300000	0.219243	0.000992923
chr5	97300001	97400000	945	803	97350000	0.162543	0.010762558
chr5	97350001	97450000	947	801	97400000	0.16919	0.008378514
chr5	97400001	97500000	902	777	97450000	0.142841	0.021609732
chr5	97450001	97550000	925	762	97500000	0.207291	0.001719369
chr5	97500001	97600000	948	740	97550000	0.28499	3.11E-05
chr5	97550001	97650000	984	786	97600000	0.251757	0.000196618
chr5	97800001	97900000	971	839	97850000	0.138429	0.025029878
chr5	97850001	97950000	955	797	97900000	0.188549	0.00386762
chr5	97950001	98050000	881	918	9.80E+07	-0.13172	0.030793725
chr5	98150001	98250000	986	849	98200000	0.143451	0.021169446
chr5	98200001	98300000	1007	873	98250000	0.133638	0.029247524
chr5	98800001	98900000	248	212	98850000	0.153904	0.014731522
chr5	98950001	99050000	976	848	9.90E+07	0.130445	0.032375917
chr5	99050001	99150000	904	790	99100000	0.122098	0.041880034
chr5	99100001	99200000	968	756	99150000	0.284249	3.25E-05
chr5	99150001	99250000	987	799	99200000	0.232483	0.000525015
chr5	99400001	99500000	644	540	99450000	0.18173	0.005116236
chr5	99600001	99700000	586	497	99650000	0.165283	0.009716053
chr5	99650001	99750000	329	275	99700000	0.186284	0.004248063
chr5	99700001	99800000	629	515	99750000	0.216116	0.001149095
chr5	99750001	99850000	952	786	99800000	0.20406	0.001985864
chr5	99900001	1E+08	973	836	99950000	0.146565	0.019039718
chr5	99950001	1E+08	953	832	1.00E+08	0.123521	0.040116192
chr5	1E+08	1E+08	908	795	100350000	0.119366	0.04544493
chr5	1E+08	1.01E+08	920	757	100450000	0.208969	0.001594202
chr5	1E+08	1.01E+08	887	715	100500000	0.238619	0.000386734
chr5	1.01E+08	1.01E+08	1021	856	100650000	0.181928	0.005075245
chr5	1.01E+08	1.01E+08	1050	902	100700000	0.146818	0.018874921
chr5	1.01E+08	1.01E+08	982	848	100750000	0.139287	0.024331044
chr5	1.01E+08	1.01E+08	923	791	100800000	0.150281	0.016739879
chr5	1.01E+08	1.01E+08	876	765	100850000	0.123099	0.040632459

chr5	1.01E+08	1.01E+08	985	838	101300000	0.160802	0.011477364
chr5	1.01E+08	1.01E+08	969	824	101350000	0.161481	0.011193847
chr5	1.01E+08	1.01E+08	999	859	101400000	0.145455	0.019777169
chr5	1.02E+08	1.02E+08	924	790	101700000	0.153668	0.014855525
chr5	1.02E+08	1.02E+08	957	837	101750000	0.12092	0.043388953
chr5	1.02E+08	1.02E+08	1065	903	102250000	0.165684	0.009570756
chr5	1.03E+08	1.04E+08	952	807	103450000	0.166021	0.009449915
chr5	1.03E+08	1.04E+08	1046	904	103500000	0.138116	0.025288327
chr5	1.04E+08	1.04E+08	1023	866	103600000	0.167995	0.008769219
chr5	1.04E+08	1.04E+08	977	834	103650000	0.155939	0.013697219
chr5	1.04E+08	1.04E+08	977	856	103700000	0.118376	0.046794906
chr5	1.04E+08	1.04E+08	995	834	103850000	0.182277	0.005004026
chr5	1.04E+08	1.04E+08	1046	863	103900000	0.205079	0.001898058
chr5	1.04E+08	1.04E+08	1087	937	103950000	0.141859	0.022334402
chr5	1.04E+08	1.04E+08	1048	904	1.04E+08	0.140872	0.023083466
chr5	1.04E+08	1.04E+08	949	829	104050000	0.122664	0.04117101
chr5	1.04E+08	1.04E+08	978	842	104150000	0.143642	0.02103312
chr5	1.04E+08	1.04E+08	935	804	104200000	0.145399	0.019814785
chr5	1.04E+08	1.04E+08	959	824	104350000	0.146515	0.019072667
chr5	1.04E+08	1.05E+08	1030	866	104450000	0.177834	0.005981108
chr5	1.05E+08	1.05E+08	1053	887	104600000	0.175128	0.006656089
chr5	1.05E+08	1.05E+08	1067	908	104650000	0.160424	0.01163772
chr5	1.05E+08	1.05E+08	998	803	1.05E+08	0.241268	0.000338239
chr5	1.05E+08	1.05E+08	1032	850	105050000	0.207536	0.001700487
chr5	1.05E+08	1.05E+08	1011	876	105200000	0.134408	0.028532001
chr5	1.05E+08	1.05E+08	1050	898	105250000	0.15323	0.015088514
chr5	1.05E+08	1.05E+08	989	834	105350000	0.173551	0.007079693
chr5	1.05E+08	1.05E+08	1026	867	105400000	0.170555	0.007951157
chr5	1.05E+08	1.06E+08	1015	862	105500000	0.163348	0.010445148
chr5	1.06E+08	1.06E+08	994	848	105550000	0.15681	0.013274462
chr5	1.06E+08	1.06E+08	1048	847	105700000	0.234833	0.000467368
chr5	1.06E+08	1.06E+08	1014	834	105750000	0.209567	0.001551667
chr5	1.06E+08	1.06E+08	994	827	105950000	0.192987	0.00320987
chr5	1.06E+08	1.06E+08	931	749	1.06E+08	0.241444	0.000335233
chr5	1.06E+08	1.06E+08	921	773	106050000	0.180361	0.005406413
chr5	1.06E+08	1.06E+08	866	751	106100000	0.133182	0.029678223
chr5	1.06E+08	1.06E+08	919	770	106150000	0.182835	0.00489215
chr5	1.07E+08	1.07E+08	1087	923	106700000	0.163578	0.010356262
chr5	1.07E+08	1.07E+08	1095	942	107100000	0.14476	0.020250801
chr5	1.07E+08	1.07E+08	1041	904	107300000	0.131204	0.03160877
chr5	1.07E+08	1.07E+08	1025	884	107350000	0.141134	0.022882883
chr5	1.07E+08	1.07E+08	1001	870	107400000	0.129983	0.032850912
chr5	1.08E+08	1.08E+08	808	837	107750000	-0.12324	0.0401309
chr5	1.08E+08	1.08E+08	985	860	107850000	0.123415	0.040245036
chr5	1.08E+08	1.08E+08	968	832	108200000	0.146052	0.019377702
chr5	1.08E+08	1.08E+08	1001	831	108250000	0.19615	0.002804595
chr5	1.08E+08	1.08E+08	936	799	108300000	0.155941	0.013696309

chr5	1.08E+08	1.08E+08	964	802	108350000	0.193059	0.003200033
chr5	1.08E+08	1.08E+08	1090	876	108400000	0.242954	0.000310401
chr5	1.08E+08	1.09E+08	1072	895	108450000	0.187974	0.003961294
chr5	1.09E+08	1.09E+08	934	979	108900000	-0.14026	0.023292931
chr5	1.09E+08	1.09E+08	892	934	108950000	-0.13875	0.024492952
chr5	1.09E+08	1.09E+08	1046	900	109050000	0.144514	0.020420803
chr5	1.09E+08	1.09E+08	1071	898	109100000	0.181799	0.005101806
chr5	1.1E+08	1.1E+08	1003	850	109850000	0.166415	0.009310497
chr5	1.1E+08	1.1E+08	1026	828	109900000	0.236956	0.000420405
chr5	1.1E+08	1.1E+08	1077	872	109950000	0.232246	0.000531164
chr5	1.1E+08	1.1E+08	957	812	1.10E+08	0.164667	0.009943035
chr5	1.11E+08	1.11E+08	1060	898	110700000	0.166905	0.009139595
chr5	1.11E+08	1.11E+08	1078	879	110750000	0.22205	0.000869662
chr5	1.11E+08	1.11E+08	1026	881	110800000	0.147445	0.018472066
chr5	1.11E+08	1.11E+08	1117	979	111150000	0.117877	0.047488199
chr5	1.11E+08	1.11E+08	933	816	111350000	0.120936	0.043367367
chr5	1.11E+08	1.11E+08	981	832	111400000	0.165298	0.009710655
chr5	1.11E+08	1.12E+08	1025	889	111450000	0.132997	0.029854963
chr5	1.12E+08	1.13E+08	963	1033	112450000	-0.1736	0.006921387
chr5	1.13E+08	1.13E+08	986	825	112850000	0.184822	0.004511209
chr5	1.13E+08	1.13E+08	838	916	1.13E+08	-0.20077	0.002225883
chr5	1.13E+08	1.13E+08	1002	829	113150000	0.201067	0.002265919
chr5	1.14E+08	1.14E+08	963	839	113600000	0.126493	0.036626173
chr5	1.16E+08	1.16E+08	1066	904	115650000	0.165441	0.009658555
chr5	1.16E+08	1.16E+08	1023	874	116400000	0.154729	0.014304366
chr5	1.17E+08	1.17E+08	1019	890	116800000	0.122905	0.040872237
chr5	1.17E+08	1.17E+08	939	761	116850000	0.230857	0.000568685
chr5	1.17E+08	1.17E+08	926	761	116900000	0.210744	0.001470917
chr5	1.18E+08	1.18E+08	1092	939	118150000	0.145404	0.019811452
chr5	1.18E+08	1.18E+08	1051	886	118200000	0.174012	0.006953422
chr5	1.18E+08	1.19E+08	988	865	118500000	0.119439	0.045345976
chr5	1.19E+08	1.19E+08	1015	871	119100000	0.148363	0.017895159
chr5	1.19E+08	1.19E+08	1100	960	119250000	0.124025	0.03950537
chr5	1.19E+08	1.2E+08	941	825	119450000	0.117429	0.048116954
chr5	1.19E+08	1.2E+08	868	757	119500000	0.12503	0.038311813
chr5	1.2E+08	1.2E+08	991	815	119700000	0.209713	0.001541394
chr5	1.2E+08	1.2E+08	910	797	119750000	0.118915	0.04605565
chr5	1.2E+08	1.2E+08	1030	857	119900000	0.192905	0.00322095
chr5	1.2E+08	1.21E+08	1056	925	120500000	0.118713	0.046331912
chr5	1.21E+08	1.21E+08	986	859	120550000	0.126558	0.036553262
chr5	1.21E+08	1.21E+08	959	827	120600000	0.141272	0.022777778
chr5	1.21E+08	1.21E+08	1007	867	120650000	0.143588	0.021071877
chr5	1.21E+08	1.21E+08	1013	852	120750000	0.177337	0.00610021
chr5	1.21E+08	1.21E+08	1066	841	120800000	0.269658	7.46E-05
chr5	1.21E+08	1.21E+08	979	820	120850000	0.183313	0.004797872
chr5	1.21E+08	1.21E+08	948	805	120900000	0.163527	0.010376006
chr5	1.21E+08	1.21E+08	935	779	120950000	0.190971	0.003494961

chr5	1.21E+08	1.21E+08	891	751	1.21E+08	0.174241	0.006891578
chr5	1.21E+08	1.21E+08	1063	895	121200000	0.17581	0.006479739
chr5	1.21E+08	1.21E+08	1302	1138	121350000	0.121857	0.042185293
chr5	1.21E+08	1.22E+08	1027	1097	121450000	-0.1675	0.00877145
chr5	1.22E+08	1.22E+08	929	806	121550000	0.132527	0.03030645
chr5	1.22E+08	1.22E+08	953	1001	121650000	-0.14327	0.021046556
chr5	1.22E+08	1.22E+08	1035	905	121900000	0.121269	0.042936711
chr5	1.22E+08	1.22E+08	921	808	122200000	0.116474	0.049479774
chr5	1.23E+08	1.23E+08	953	823	122650000	0.139212	0.024391429
chr5	1.23E+08	1.23E+08	932	808	122700000	0.133603	0.029280831
chr5	1.23E+08	1.23E+08	990	862	123050000	0.127369	0.035646871
chr5	1.23E+08	1.23E+08	985	845	123300000	0.148801	0.01762591
chr5	1.23E+08	1.23E+08	1067	881	123350000	0.203974	0.001993448
chr5	1.25E+08	1.25E+08	944	786	124950000	0.191886	0.003362889
chr5	1.25E+08	1.25E+08	995	857	1.25E+08	0.14303	0.021472922
chr5	1.25E+08	1.26E+08	896	933	125500000	-0.13075	0.031764765
chr5	1.26E+08	1.26E+08	896	759	125900000	0.167027	0.009097503
chr5	1.26E+08	1.26E+08	766	631	126050000	0.207333	0.001716128
chr5	1.26E+08	1.26E+08	835	705	126100000	0.171781	0.007583713
chr5	1.27E+08	1.27E+08	1047	1085	126700000	-0.12381	0.039448745
chr5	1.28E+08	1.28E+08	979	849	128200000	0.133173	0.029687547
chr5	1.28E+08	1.28E+08	871	740	128250000	0.162776	0.010669859
chr5	1.28E+08	1.29E+08	945	810	128500000	0.150021	0.016892961
chr5	1.29E+08	1.29E+08	1013	888	128700000	0.117631	0.04783253
chr5	1.29E+08	1.29E+08	1086	931	128800000	0.149799	0.017023987
chr5	1.29E+08	1.29E+08	871	918	129250000	-0.14819	0.017763617
chr5	1.29E+08	1.29E+08	996	866	129400000	0.129407	0.033450841
chr5	1.29E+08	1.3E+08	990	860	129450000	0.13072	0.03209604
chr5	1.3E+08	1.3E+08	1008	868	129550000	0.143357	0.021237053
chr5	1.3E+08	1.3E+08	937	774	129600000	0.203344	0.002049883
chr5	1.3E+08	1.3E+08	969	798	129650000	0.207736	0.00168529
chr5	1.3E+08	1.3E+08	998	826	129700000	0.200526	0.002320147
chr5	1.3E+08	1.3E+08	902	785	1.30E+08	0.128063	0.034885994
chr5	1.31E+08	1.31E+08	993	857	130750000	0.140127	0.023663277
chr5	1.31E+08	1.31E+08	1070	1128	131350000	-0.14853	0.017557375
chr5	1.31E+08	1.31E+08	1051	1096	131400000	-0.13286	0.029695057
chr5	1.32E+08	1.32E+08	973	1021	131650000	-0.14184	0.022085188
chr5	1.32E+08	1.32E+08	857	957	131700000	-0.2316	0.000523703
chr5	1.32E+08	1.32E+08	952	1054	131750000	-0.21921	0.000955804
chr5	1.32E+08	1.32E+08	1072	1107	131800000	-0.11872	0.045983914
chr5	1.32E+08	1.32E+08	990	1021	132150000	-0.11685	0.048594035
chr5	1.32E+08	1.32E+08	761	654	132300000	0.146234	0.019257096
chr5	1.32E+08	1.32E+08	755	625	132350000	0.200249	0.002348454
chr5	1.33E+08	1.33E+08	936	992	132550000	-0.1562	0.01336132
chr5	1.33E+08	1.33E+08	1083	1185	132600000	-0.20223	0.002086753
chr5	1.33E+08	1.33E+08	1104	1152	132750000	-0.13377	0.028831366
chr5	1.33E+08	1.33E+08	1018	1068	132850000	-0.14155	0.02230745

chr5	1.33E+08	1.33E+08	931	981	133300000	-0.14784	0.017981076
chr5	1.33E+08	1.33E+08	869	898	133350000	-0.11973	0.044621703
chr5	1.33E+08	1.34E+08	1034	1093	133450000	-0.15243	0.015301709
chr5	1.33E+08	1.34E+08	975	1008	133500000	-0.12039	0.04374543
chr5	1.34E+08	1.34E+08	928	776	133750000	0.185696	0.00435213
chr5	1.34E+08	1.34E+08	763	637	1.34E+08	0.188018	0.003954003
chr5	1.34E+08	1.34E+08	795	666	134050000	0.183061	0.004847367
chr5	1.34E+08	1.34E+08	845	699	134100000	0.201287	0.00224414
chr5	1.34E+08	1.34E+08	1100	1189	134400000	-0.18462	0.004439576
chr5	1.34E+08	1.35E+08	1079	1127	134450000	-0.13516	0.027558112
chr5	1.34E+08	1.35E+08	1122	1159	134500000	-0.11918	0.045362038
chr5	1.35E+08	1.35E+08	1121	1197	134550000	-0.16701	0.008937407
chr5	1.35E+08	1.35E+08	1059	1145	134600000	-0.18502	0.004366802
chr5	1.35E+08	1.35E+08	1063	1183	134650000	-0.22668	0.000667155
chr5	1.35E+08	1.35E+08	1125	1185	134700000	-0.14733	0.018302455
chr5	1.35E+08	1.35E+08	1024	1076	134800000	-0.14383	0.020643263
chr5	1.35E+08	1.35E+08	1006	1129	134850000	-0.23879	0.000364651
chr5	1.35E+08	1.35E+08	1122	1179	134900000	-0.14386	0.020623093
chr5	1.35E+08	1.35E+08	936	1019	135100000	-0.19495	0.002870397
chr5	1.35E+08	1.35E+08	1075	1158	135150000	-0.17967	0.005434072
chr5	1.35E+08	1.35E+08	1123	1174	135400000	-0.13645	0.026427604
chr5	1.35E+08	1.36E+08	1047	1099	135450000	-0.1423	0.021745614
chr5	1.35E+08	1.36E+08	1026	1124	135500000	-0.20398	0.001929421
chr5	1.36E+08	1.36E+08	1079	1144	135550000	-0.15676	0.013092103
chr5	1.36E+08	1.36E+08	868	912	136100000	-0.14371	0.020730367
chr5	1.36E+08	1.36E+08	905	791	136250000	0.121868	0.042171072
chr5	1.37E+08	1.37E+08	1103	1162	136550000	-0.14755	0.018166216
chr5	1.37E+08	1.37E+08	1042	895	137150000	0.147024	0.018741898
chr5	1.37E+08	1.37E+08	1021	891	137200000	0.124114	0.039399232
chr5	1.38E+08	1.38E+08	888	778	137600000	0.118418	0.046737303
chr5	1.38E+08	1.38E+08	835	898	137700000	-0.17731	0.005974872
chr5	1.38E+08	1.38E+08	964	838	1.38E+08	0.129711	0.033132874
chr5	1.38E+08	1.39E+08	1057	912	138450000	0.140498	0.02337312
chr5	1.39E+08	1.39E+08	850	897	138600000	-0.15002	0.016664937
chr5	1.39E+08	1.39E+08	680	715	138900000	-0.14478	0.019986634
chr5	1.39E+08	1.39E+08	668	705	138950000	-0.15015	0.016588888
chr5	1.39E+08	1.39E+08	855	938	1.39E+08	-0.20604	0.001759426
chr5	1.39E+08	1.39E+08	972	1165	139050000	-0.33367	1.31E-06
chr5	1.39E+08	1.39E+08	994	1086	139100000	-0.20008	0.002294795
chr5	1.39E+08	1.39E+08	1057	1101	139150000	-0.13121	0.031302205
chr5	1.39E+08	1.39E+08	1106	1216	139200000	-0.20916	0.001526446
chr5	1.39E+08	1.39E+08	1161	1260	139250000	-0.19043	0.003481818
chr5	1.4E+08	1.4E+08	881	763	139850000	0.135087	0.027913535
chr5	1.4E+08	1.4E+08	1043	893	140400000	0.151635	0.015963271
chr5	1.41E+08	1.41E+08	1079	905	140950000	0.181333	0.005198761
chr5	1.41E+08	1.41E+08	1091	1146	141200000	-0.14333	0.021002189
chr5	1.41E+08	1.41E+08	989	1060	141250000	-0.17239	0.007258105

chr5	1.41E+08	1.41E+08	999	1045	141300000	-0.13732	0.025681061
chr5	1.41E+08	1.41E+08	987	1031	141350000	-0.13529	0.027441923
chr5	1.41E+08	1.41E+08	853	906	141400000	-0.15934	0.011915848
chr5	1.42E+08	1.42E+08	1017	876	141750000	0.142945	0.021534104
chr5	1.43E+08	1.43E+08	1074	919	143250000	0.152485	0.015491706
chr5	1.43E+08	1.43E+08	1001	867	143400000	0.134966	0.028022859
chr5	1.44E+08	1.44E+08	927	811	144050000	0.120496	0.04394218
chr5	1.44E+08	1.44E+08	993	829	144350000	0.18805	0.003948763
chr5	1.45E+08	1.45E+08	984	852	144600000	0.135433	0.027602667
chr5	1.45E+08	1.45E+08	990	863	144650000	0.125696	0.03753662
chr5	1.45E+08	1.45E+08	990	866	144950000	0.12069	0.043688175
chr5	1.45E+08	1.45E+08	905	791	1.45E+08	0.121868	0.042171072
chr5	1.45E+08	1.45E+08	867	902	145300000	-0.12947	0.033082633
chr5	1.46E+08	1.46E+08	1034	884	145850000	0.153746	0.014814534
chr5	1.46E+08	1.46E+08	939	977	146400000	-0.12961	0.032938776
chr5	1.47E+08	1.47E+08	962	832	147050000	0.137082	0.026160758
chr5	1.47E+08	1.47E+08	1000	847	147400000	0.167194	0.009040034
chr5	1.47E+08	1.48E+08	981	838	147450000	0.154931	0.014201471
chr5	1.48E+08	1.48E+08	988	800	147600000	0.232139	0.000533974
chr5	1.48E+08	1.48E+08	933	781	147650000	0.184183	0.004630704
chr5	1.49E+08	1.49E+08	1113	1185	148650000	-0.16281	0.010476464
chr5	1.49E+08	1.49E+08	1067	1147	148800000	-0.17668	0.006128129
chr5	1.49E+08	1.49E+08	1061	917	1.49E+08	0.138059	0.025335868
chr5	1.49E+08	1.5E+08	1079	1125	149450000	-0.1326	0.029939438
chr5	1.49E+08	1.5E+08	1100	1210	149500000	-0.20988	0.001477547
chr5	1.5E+08	1.5E+08	1168	1273	149550000	-0.19656	0.002676163
chr5	1.5E+08	1.5E+08	1134	1180	149600000	-0.12974	0.032800778
chr5	1.5E+08	1.5E+08	950	1020	149850000	-0.17494	0.006565631
chr5	1.5E+08	1.5E+08	1017	1086	149900000	-0.16708	0.008914388
chr5	1.5E+08	1.5E+08	1079	1142	149950000	-0.15424	0.014342547
chr5	1.5E+08	1.5E+08	1137	1194	1.50E+08	-0.14294	0.021278849
chr5	1.5E+08	1.5E+08	1033	1079	150050000	-0.13523	0.027502552
chr5	1.51E+08	1.51E+08	929	958	150600000	-0.11672	0.048787729
chr5	1.51E+08	1.51E+08	970	1071	150850000	-0.21527	0.001150812
chr5	1.51E+08	1.51E+08	1090	1149	150900000	-0.14842	0.017622202
chr5	1.51E+08	1.51E+08	886	939	151100000	-0.15619	0.013367684
chr5	1.51E+08	1.51E+08	906	782	151400000	0.139971	0.0237862
chr5	1.52E+08	1.52E+08	857	723	152100000	0.172928	0.007253753
chr5	1.52E+08	1.52E+08	816	703	152150000	0.142673	0.021732567
chr5	1.52E+08	1.52E+08	1054	920	152350000	0.123797	0.039780595
chr5	1.53E+08	1.53E+08	841	879	152750000	-0.13613	0.026703603
chr5	1.53E+08	1.53E+08	940	976	152800000	-0.12659	0.036200432
chr5	1.53E+08	1.53E+08	933	970	153300000	-0.12848	0.034127814
chr5	1.53E+08	1.54E+08	978	1035	153450000	-0.1541	0.014416568
chr5	1.54E+08	1.54E+08	874	907	154400000	-0.12584	0.037053554
chr5	1.54E+08	1.55E+08	921	957	154450000	-0.12769	0.034983069
chr5	1.54E+08	1.55E+08	884	937	154500000	-0.15637	0.013278655

chr5	1.55E+08	1.55E+08	889	924	154600000	-0.12808	0.03455682
chr5	1.55E+08	1.55E+08	975	1061	154650000	-0.19432	0.002948508
chr5	1.55E+08	1.55E+08	964	1038	154700000	-0.17907	0.00556667
chr5	1.55E+08	1.55E+08	946	976	154750000	-0.11741	0.047801411
chr5	1.55E+08	1.55E+08	1136	959	155400000	0.171988	0.007523131
chr5	1.56E+08	1.56E+08	893	922	1.56E+08	-0.11848	0.046317967
chr5	1.56E+08	1.56E+08	1095	957	156150000	0.121968	0.042044417
chr5	1.57E+08	1.57E+08	888	944	156850000	-0.1606	0.011373372
chr5	1.57E+08	1.57E+08	824	851	157150000	-0.11889	0.045759591
chr5	1.57E+08	1.58E+08	1033	893	157450000	0.137736	0.025605814
chr5	1.57E+08	1.58E+08	1101	933	157500000	0.166494	0.009282891
chr5	1.58E+08	1.58E+08	1095	950	157800000	0.13256	0.03027485
chr5	1.59E+08	1.59E+08	975	827	158600000	0.165143	0.009767241
chr5	1.59E+08	1.59E+08	1041	901	158650000	0.135999	0.027100121
chr5	1.59E+08	1.59E+08	1065	925	1.59E+08	0.130956	0.031857143
chr5	1.59E+08	1.59E+08	1010	1058	159400000	-0.13936	0.024004839
chr5	1.6E+08	1.6E+08	932	961	159750000	-0.11658	0.048989527
chr5	1.6E+08	1.6E+08	977	1012	159800000	-0.12315	0.040245475
chr5	1.61E+08	1.61E+08	1017	868	160550000	0.156181	0.013578744
chr5	1.61E+08	1.61E+08	1060	910	160600000	0.147754	0.018276187
chr5	1.61E+08	1.61E+08	1111	974	160850000	0.117493	0.048025933
chr5	1.61E+08	1.61E+08	983	862	161400000	0.117132	0.048537711
chr5	1.61E+08	1.62E+08	920	801	161500000	0.12746	0.03554639
chr5	1.62E+08	1.62E+08	1011	877	161850000	0.132762	0.030079446
chr5	1.62E+08	1.62E+08	956	827	161950000	0.136752	0.0264443
chr5	1.62E+08	1.62E+08	884	775	1.62E+08	0.117478	0.048047189
chr5	1.62E+08	1.62E+08	990	864	162350000	0.124025	0.03950537
chr5	1.62E+08	1.62E+08	1007	859	162400000	0.156962	0.013201779
chr5	1.63E+08	1.63E+08	1098	928	163150000	0.17031	0.008026586
chr5	1.63E+08	1.63E+08	970	848	163200000	0.121549	0.042578193
chr5	1.64E+08	1.64E+08	1039	884	163600000	0.160706	0.011518001
chr5	1.64E+08	1.64E+08	1069	893	163650000	0.187158	0.004097487
chr5	1.64E+08	1.64E+08	1041	902	163700000	0.134399	0.028540731
chr5	1.64E+08	1.64E+08	1020	895	163850000	0.116238	0.049821803
chr5	1.64E+08	1.64E+08	988	852	164250000	0.141286	0.022767031
chr5	1.64E+08	1.64E+08	1020	863	164300000	0.168765	0.008515839
chr5	1.64E+08	1.64E+08	899	784	164350000	0.125096	0.038234767
chr5	1.64E+08	1.64E+08	940	791	164400000	0.176611	0.006278082
chr5	1.64E+08	1.65E+08	970	819	164450000	0.17175	0.007593005
chr5	1.65E+08	1.65E+08	1079	911	164650000	0.1718	0.007578149
chr5	1.65E+08	1.65E+08	1075	933	164700000	0.132016	0.030804017
chr5	1.65E+08	1.66E+08	995	865	165500000	0.129625	0.033223048
chr5	1.66E+08	1.66E+08	961	790	165900000	0.210312	0.001500085
chr5	1.66E+08	1.66E+08	961	831	166250000	0.137316	0.025960797
chr5	1.66E+08	1.66E+08	996	830	166300000	0.190663	0.003540577
chr5	1.66E+08	1.66E+08	925	794	166350000	0.147943	0.018157544
chr5	1.66E+08	1.67E+08	981	1015	166500000	-0.12153	0.042278356

chr5	1.67E+08	1.67E+08	953	998	166550000	-0.13894	0.024343131
chr5	1.67E+08	1.67E+08	1089	942	167100000	0.136833	0.026373879
chr5	1.68E+08	1.68E+08	1002	1049	167850000	-0.1385	0.024694183
chr5	1.68E+08	1.68E+08	1009	1096	168200000	-0.19169	0.003299648
chr5	1.68E+08	1.68E+08	1051	1105	168250000	-0.14466	0.020072213
chr5	1.69E+08	1.69E+08	990	1043	169250000	-0.14761	0.018127476
chr5	1.69E+08	1.69E+08	992	1039	169300000	-0.13916	0.02416572
chr5	1.69E+08	1.69E+08	1035	1090	169350000	-0.14707	0.018471205
chr5	1.69E+08	1.69E+08	1007	1128	169400000	-0.23608	0.000418436
chr5	1.69E+08	1.7E+08	1060	1117	169450000	-0.14794	0.017923015
chr5	1.7E+08	1.7E+08	1055	1105	169750000	-0.13918	0.024149855
chr5	1.7E+08	1.7E+08	1086	1129	169800000	-0.12839	0.03422039
chr5	1.7E+08	1.7E+08	1053	1093	169850000	-0.12616	0.036689591
chr5	1.7E+08	1.7E+08	1039	1128	169900000	-0.19094	0.003406544
chr5	1.7E+08	1.7E+08	1113	1160	169950000	-0.13204	0.030480954
chr5	1.7E+08	1.7E+08	1096	1173	170050000	-0.17033	0.007866409
chr5	1.7E+08	1.7E+08	1027	1137	170100000	-0.21917	0.000957862
chr5	1.7E+08	1.71E+08	910	795	170450000	0.12254	0.041325914
chr5	1.71E+08	1.71E+08	917	961	170850000	-0.13999	0.02350541
chr5	1.71E+08	1.71E+08	1016	1090	170900000	-0.1738	0.006868418
chr5	1.71E+08	1.71E+08	1115	1155	171050000	-0.12322	0.040159288
chr5	1.72E+08	1.72E+08	866	740	171700000	0.15447	0.014437389
chr5	1.72E+08	1.72E+08	948	982	171850000	-0.12321	0.040175426
chr5	1.72E+08	1.72E+08	1016	1073	171900000	-0.15112	0.016028274
chr5	1.72E+08	1.72E+08	1018	1154	171950000	-0.25328	0.000170983
chr5	1.72E+08	1.72E+08	1104	1194	1.72E+08	-0.18543	0.004291924
chr5	1.72E+08	1.72E+08	976	1034	172200000	-0.15565	0.013629333
chr5	1.72E+08	1.72E+08	954	1018	172250000	-0.16605	0.009270406
chr5	1.72E+08	1.73E+08	835	725	172450000	0.131423	0.031389294
chr5	1.72E+08	1.73E+08	867	759	172500000	0.11956	0.045183123
chr5	1.73E+08	1.73E+08	946	799	172550000	0.171273	0.007734169
chr5	1.73E+08	1.73E+08	995	1055	172750000	-0.15685	0.01305294
chr5	1.74E+08	1.74E+08	935	990	174400000	-0.15483	0.014039201
chr5	1.74E+08	1.75E+08	993	1093	174450000	-0.2108	0.001416181
chr5	1.74E+08	1.75E+08	973	1043	174500000	-0.1726	0.007199921
chr5	1.75E+08	1.75E+08	1054	1098	174650000	-0.13137	0.031138818
chr5	1.75E+08	1.75E+08	1046	1114	174700000	-0.16324	0.010307914
chr5	1.75E+08	1.75E+08	1002	1061	174750000	-0.15491	0.013998804
chr5	1.75E+08	1.75E+08	1034	1096	175200000	-0.15638	0.01327435
chr5	1.75E+08	1.75E+08	55	66	175400000	-0.33541	1.16E-06
chr5	1.75E+08	1.76E+08	28	33	175450000	-0.30941	6.40E-06
chr5	1.75E+08	1.76E+08	22	26	175500000	-0.31338	4.97E-06
chr5	1.76E+08	1.76E+08	669	699	175600000	-0.13566	0.027118092
chr5	1.76E+08	1.76E+08	298	308	175650000	-0.11999	0.044277655
chr5	1.76E+08	1.76E+08	963	999	175800000	-0.12532	0.037654219
chr5	1.76E+08	1.76E+08	883	933	175950000	-0.15184	0.01562795
chr5	1.76E+08	1.76E+08	1003	1169	1.76E+08	-0.29333	1.74E-05

chr5	1.76E+08	1.76E+08	1087	1325	176050000	-0.35801	2.39E-07
chr5	1.76E+08	1.76E+08	1096	1293	176100000	-0.31085	5.84E-06
chr5	1.76E+08	1.76E+08	1072	1163	176150000	-0.18992	0.003557671
chr5	1.76E+08	1.76E+08	1081	1200	176200000	-0.22304	0.000795966
chr5	1.76E+08	1.76E+08	1100	1270	176250000	-0.2797	3.90E-05
chr5	1.76E+08	1.76E+08	1103	1193	176300000	-0.18553	0.004274418
chr5	1.77E+08	1.77E+08	986	1116	176800000	-0.25105	0.000192569
chr5	1.77E+08	1.77E+08	1008	1160	176850000	-0.275	5.12E-05
chr5	1.77E+08	1.77E+08	1060	1232	176900000	-0.28931	2.21E-05
chr5	1.77E+08	1.77E+08	1041	1142	176950000	-0.20596	0.001765065
chr5	1.77E+08	1.77E+08	957	1032	1.77E+08	-0.18122	0.005102224
chr5	1.77E+08	1.77E+08	513	575	177050000	-0.23697	0.000399823
chr5	1.77E+08	1.77E+08	59	39	177150000	0.524869	2.53E-13
chr5	1.77E+08	1.77E+08	19	21	177250000	-0.21676	0.001073217
chr5	1.77E+08	1.77E+08	23	17	177300000	0.363727	1.87E-07
chr5	1.77E+08	1.78E+08	367	419	177450000	-0.26354	9.78E-05
chr5	1.77E+08	1.78E+08	519	598	177500000	-0.27678	4.62E-05
chr5	1.78E+08	1.78E+08	863	892	177550000	-0.12005	0.044191393
chr5	1.78E+08	1.78E+08	874	925	177600000	-0.15419	0.014367135
chr5	1.78E+08	1.78E+08	985	1049	177650000	-0.16319	0.010326226
chr5	1.78E+08	1.78E+08	1080	1125	177700000	-0.13127	0.031247765
chr5	1.78E+08	1.78E+08	1054	1127	177750000	-0.16898	0.00828528
chr5	1.78E+08	1.78E+08	1068	1142	177800000	-0.16902	0.008273046
chr5	1.78E+08	1.78E+08	1004	1064	177850000	-0.15611	0.013406301
chr5	1.78E+08	1.78E+08	982	1038	177900000	-0.15238	0.015326617
chr5	1.78E+08	1.78E+08	1023	1057	177950000	-0.11954	0.044875756
chr5	1.78E+08	1.79E+08	920	981	178450000	-0.16499	0.009649441
chr5	1.79E+08	1.79E+08	1063	1128	178600000	-0.158	0.012516333
chr5	1.79E+08	1.79E+08	1100	1148	178650000	-0.13399	0.028628268
chr5	1.79E+08	1.79E+08	1078	1134	178700000	-0.14544	0.019542554
chr5	1.79E+08	1.79E+08	1036	1156	178750000	-0.23049	0.00055324
chr5	1.79E+08	1.79E+08	1052	1104	178800000	-0.14198	0.021985315
chr5	1.79E+08	1.79E+08	805	665	178950000	0.203263	0.002057238
chr5	1.79E+08	1.79E+08	965	1021	179200000	-0.15375	0.01459465
chr5	1.79E+08	1.79E+08	917	1110	179250000	-0.34794	4.89E-07
chr5	1.79E+08	1.79E+08	911	1064	179300000	-0.29635	1.44E-05
chr5	1.79E+08	1.79E+08	957	995	179350000	-0.12855	0.034052931
chr5	1.8E+08	1.8E+08	993	1025	179550000	-0.11813	0.046798692
chr5	1.8E+08	1.8E+08	966	1052	179600000	-0.19541	0.002813208
chr5	1.8E+08	1.8E+08	905	967	179800000	-0.16797	0.008614717
chr5	1.8E+08	1.8E+08	827	875	179850000	-0.15377	0.014587504
chr5	1.8E+08	1.8E+08	929	1003	1.80E+08	-0.18294	0.004756224
chr5	1.8E+08	1.8E+08	974	1079	180050000	-0.22007	0.000917509
chr5	1.8E+08	1.8E+08	885	940	180200000	-0.15936	0.011907958
chr5	1.8E+08	1.8E+08	974	1004	180250000	-0.11614	0.049626725
chr5	1.8E+08	1.8E+08	805	840	180350000	-0.13377	0.028831366
chr5	1.8E+08	1.81E+08	910	982	180450000	-0.18223	0.004897435

chr5	1.81E+08	1.81E+08	75	78	180750000	-0.12896	0.033620948
chr5	1.81E+08	1.81E+08	3	1	180800000	1.512591	1.57E-69

cnv	cnv.size	cnv.log2	cnv.p.value
21	2.00E+05	-1.487409269	2.39E-275
21	2.00E+05	-1.487409269	2.39E-275
21	2.00E+05	-1.487409269	2.39E-275
21	2.00E+05	-1.487409269	2.39E-275
20	250000	-1.426008725	0
20	250000	-1.426008725	0
20	250000	-1.426008725	0
20	250000	-1.426008725	0
20	250000	-1.426008725	0
19	2.00E+05	1.734983152	0
19	2.00E+05	1.734983152	0
18	250000	#NAME?	0
18	250000	#NAME?	0
18	250000	#NAME?	0
18	250000	#NAME?	0
18	250000	#NAME?	0
17	250000	1.29686204	2.08E-272
17	250000	1.29686204	2.08E-272
16	2.00E+05	1.734983152	0
16	2.00E+05	1.734983152	0
15	2.00E+05	2.734983152	0
14	2.00E+05	-0.94178766	5.78E-136
14	2.00E+05	-0.94178766	5.78E-136
14	2.00E+05	-0.94178766	5.78E-136
14	2.00E+05	-0.94178766	5.78E-136
13	2.00E+05	#NAME?	0
13	2.00E+05	#NAME?	0
13	2.00E+05	#NAME?	0
13	2.00E+05	#NAME?	0
12	250000	#NAME?	0
12	250000	#NAME?	0
12	250000	#NAME?	0
12	250000	#NAME?	0
12	250000	#NAME?	0
11	250000	-3.242296771	0
11	250000	-3.242296771	0
11	250000	-3.242296771	0
11	250000	-3.242296771	0
11	250000	-3.242296771	0
10	2.00E+05	#NAME?	0
10	2.00E+05	#NAME?	0
10	2.00E+05	#NAME?	0
10	2.00E+05	#NAME?	0
9	250000	#NAME?	0
9	250000	#NAME?	0
9	250000	#NAME?	0

0 NA	NA	NA
0 NA	NA	NA