

Table S22. Nucleotide diversity (π) and pairwise population differentiation level (F_{st})

between the pecan scab resistance and susceptible populations (100 Kb per window).

Chromosome	Start	End	Mean <i>F_{st}</i>	π ratio	LABEL
chr09	100001	200000	0.063	1.234	normal
chr09	200001	300000	0.084	1.395	normal
chr09	300001	400000	0.117	1.208	normal
chr09	400001	500000	0.117	0.987	normal
chr09	500001	600000	0.127	0.885	normal
chr09	600001	700000	0.111	0.808	normal
chr09	700001	800000	0.076	1.337	normal
chr09	800001	900000	0.015	0.941	normal
chr09	900001	1000000	0.027	0.949	normal
chr09	1000001	1100000	0.028	0.920	normal
chr09	1100001	1200000	0.047	1.183	normal
chr09	1200001	1300000	0.029	1.048	normal
chr09	1300001	1400000	0.050	1.010	normal
chr09	1400001	1500000	0.083	0.850	normal
chr09	1500001	1600000	0.074	0.937	normal
chr09	1600001	1700000	0.030	0.843	normal
chr09	1700001	1800000	0.026	0.937	normal
chr09	1800001	1900000	0.119	0.979	normal
chr09	1900001	2000000	0.114	0.769	normal
chr09	2000001	2100000	0.106	1.048	normal
chr09	2100001	2200000	0.110	0.771	normal
chr09	2200001	2300000	0.035	0.928	normal
chr09	2300001	2400000	0.098	1.218	normal
chr09	2400001	2500000	0.077	1.135	normal
chr09	2500001	2600000	0.165	1.370	normal
chr09	2600001	2700000	0.100	0.902	normal
chr09	2700001	2800000	0.135	0.957	normal
chr09	2800001	2900000	0.108	1.059	normal
chr09	2900001	3000000	0.127	0.889	normal
chr09	3000001	3100000	0.117	1.023	normal
chr09	3100001	3200000	0.208	2.879	sig
chr09	3200001	3300000	0.254	1.232	normal
chr09	3300001	3400000	0.085	0.993	normal
chr09	3400001	3500000	0.084	0.954	normal
chr09	3500001	3600000	0.039	0.983	normal
chr09	3600001	3700000	0.017	0.820	normal
chr09	3700001	3800000	0.027	0.961	normal
chr09	3800001	3900000	0.052	0.927	normal

chr09	3900001	4000000	0.025	0.897	normal
chr09	4000001	4100000	0.031	0.853	normal
chr09	4100001	4200000	0.019	0.979	normal
chr09	4200001	4300000	0.014	0.983	normal
chr09	4300001	4400000	0.011	1.026	normal
chr09	4400001	4500000	0.019	1.072	normal
chr09	4500001	4600000	0.065	0.742	normal
chr09	4600001	4700000	0.076	0.778	normal
chr09	4700001	4800000	0.042	0.867	normal
chr09	4800001	4900000	0.068	0.836	normal
chr09	4900001	5000000	0.044	1.252	normal
chr09	5000001	5100000	0.101	1.039	normal
chr09	5100001	5200000	0.153	0.613	normal
chr09	5200001	5300000	0.063	0.754	normal
chr09	5300001	5400000	0.119	1.023	normal
chr09	5400001	5500000	0.099	1.103	normal
chr09	5500001	5600000	0.076	0.886	normal
chr09	5600001	5700000	0.146	1.105	normal
chr09	5700001	5800000	0.100	0.556	normal
chr09	5800001	5900000	0.041	1.215	normal
chr09	5900001	6000000	0.056	0.941	normal
chr09	6000001	6100000	0.018	1.043	normal
chr09	6100001	6200000	0.065	1.048	normal
chr09	6200001	6300000	0.108	1.481	normal
chr09	6300001	6400000	0.098	1.014	normal
chr09	6400001	6500000	0.117	0.748	normal
chr09	6500001	6600000	0.093	0.853	normal
chr09	6600001	6700000	0.136	0.750	normal
chr09	6700001	6800000	0.095	0.757	normal
chr09	6800001	6900000	0.060	0.991	normal
chr09	6900001	7000000	0.156	0.569	normal
chr09	7000001	7100000	0.099	0.785	normal
chr09	7100001	7200000	0.116	0.989	normal
chr09	7200001	7300000	0.023	1.011	normal
chr09	7300001	7400000	0.097	1.035	normal
chr09	7400001	7500000	0.079	0.960	normal
chr09	7500001	7600000	0.042	1.219	normal
chr09	7600001	7700000	0.050	0.998	normal
chr09	7700001	7800000	0.099	0.924	normal
chr09	7800001	7900000	0.206	0.832	normal
chr09	7900001	8000000	0.073	1.118	normal
chr09	8000001	8100000	0.059	0.941	normal
chr09	8100001	8200000	0.065	1.075	normal
chr09	8200001	8300000	0.068	1.071	normal

chr09	8300001	8400000	0.058	1.126	normal
chr09	8400001	8500000	0.045	0.990	normal
chr09	8500001	8600000	0.070	1.184	normal
chr09	8600001	8700000	0.054	1.093	normal
chr09	8700001	8800000	0.058	1.014	normal
chr09	8800001	8900000	0.064	0.983	normal
chr09	8900001	9000000	0.108	0.937	normal
chr09	9000001	9100000	0.078	0.971	normal
chr09	9100001	9200000	0.049	1.045	normal
chr09	9200001	9300000	0.060	0.912	normal
chr09	9300001	9400000	0.039	1.011	normal
chr09	9400001	9500000	0.028	1.265	normal
chr09	9500001	9600000	0.141	1.449	normal
chr09	9600001	9700000	0.080	0.945	normal
chr09	9700001	9800000	0.067	1.003	normal
chr09	9800001	9900000	0.118	0.700	normal
chr09	9900001	10000000	0.082	0.584	normal
chr09	10000001	10100000	0.050	0.966	normal
chr09	10100001	10200000	0.109	1.291	normal
chr09	10200001	10300000	0.086	1.789	normal
chr09	10300001	10400000	0.092	1.202	normal
chr09	10400001	10500000	0.093	1.141	normal
chr09	10500001	10600000	0.042	1.168	normal
chr09	10600001	10700000	0.015	0.731	normal
chr09	10700001	10800000	0.052	0.989	normal
chr09	10800001	10900000	0.023	0.891	normal
chr09	10900001	11000000	0.106	0.848	normal
chr09	11000001	11100000	0.060	1.004	normal
chr09	11100001	11200000	0.079	1.055	normal
chr09	11200001	11300000	0.153	0.979	normal
chr09	11300001	11400000	0.061	0.865	normal
chr09	11400001	11500000	0.081	1.046	normal
chr09	11500001	11600000	0.060	1.055	normal
chr09	11600001	11700000	0.059	0.996	normal
chr09	11700001	11800000	0.062	1.109	normal
chr09	11800001	11900000	0.048	1.040	normal
chr09	11900001	12000000	0.043	0.943	normal
chr09	12000001	12100000	0.030	0.963	normal
chr09	12100001	12200000	0.033	1.132	normal
chr09	12200001	12300000	0.016	1.021	normal
chr09	12300001	12400000	0.035	1.160	normal
chr09	12400001	12500000	0.033	1.134	normal
chr09	12500001	12600000	0.044	1.086	normal
chr09	12600001	12700000	0.037	1.081	normal

chr09	12700001	12800000	0.052	1.021	normal
chr09	12800001	12900000	0.070	1.189	normal
chr09	12900001	13000000	0.060	1.264	normal
chr09	13000001	13100000	0.071	1.120	normal
chr09	13100001	13200000	0.127	1.001	normal
chr09	13200001	13300000	0.062	1.000	normal
chr09	13300001	13400000	0.040	0.981	normal
chr09	13400001	13500000	0.059	0.915	normal
chr09	13500001	13600000	0.031	1.065	normal
chr09	13600001	13700000	0.026	0.911	normal
chr09	13700001	13800000	0.033	0.960	normal
chr09	13800001	13900000	0.055	0.953	normal
chr09	13900001	14000000	0.104	0.966	normal
chr09	14000001	14100000	0.064	1.040	normal
chr09	14100001	14200000	0.042	0.942	normal
chr09	14200001	14300000	0.044	1.278	normal
chr09	14300001	14400000	0.036	1.017	normal
chr09	14400001	14500000	0.076	0.957	normal
chr09	14500001	14600000	0.070	1.168	normal
chr09	14600001	14700000	0.127	0.995	normal
chr09	14700001	14800000	0.104	1.102	normal
chr09	14800001	14900000	0.122	2.238	normal
chr09	14900001	15000000	0.119	1.112	normal
chr09	15000001	15100000	0.088	1.060	normal
chr09	15100001	15200000	0.080	1.081	normal
chr09	15200001	15300000	0.046	0.941	normal
chr09	15300001	15400000	0.099	0.935	normal
chr09	15400001	15500000	0.075	0.868	normal
chr09	15500001	15600000	0.081	0.758	normal
chr09	15600001	15700000	0.085	0.857	normal
chr09	15700001	15800000	0.062	0.829	normal
chr09	15800001	15900000	0.100	1.155	normal
chr09	15900001	16000000	0.101	1.169	normal
chr09	16000001	16100000	0.098	1.032	normal
chr09	16100001	16200000	0.126	1.063	normal
chr09	16200001	16300000	0.148	1.390	normal
chr09	16300001	16400000	0.099	1.389	normal
chr09	16400001	16500000	0.050	1.058	normal
chr09	16500001	16600000	0.041	1.067	normal
chr09	16600001	16700000	0.057	1.286	normal
chr09	16700001	16800000	0.051	1.158	normal
chr09	16800001	16900000	0.047	1.059	normal
chr09	16900001	17000000	0.030	1.069	normal
chr09	17000001	17100000	0.077	1.137	normal

chr09	17100001	17200000	0.060	1.134	normal
chr09	17200001	17300000	0.053	1.172	normal
chr09	17300001	17400000	0.100	1.322	normal
chr09	17400001	17500000	0.047	1.505	normal
chr09	17500001	17600000	0.082	0.954	normal
chr09	17600001	17700000	0.082	0.943	normal
chr09	17700001	17800000	0.095	0.907	normal
chr09	17800001	17900000	0.095	0.679	normal
chr09	17900001	18000000	0.066	0.979	normal
chr09	18000001	18100000	0.059	1.005	normal
chr09	18100001	18200000	0.056	1.119	normal
chr09	18200001	18300000	0.093	1.166	normal
chr09	18300001	18400000	0.069	1.128	normal
chr09	18400001	18500000	0.065	1.185	normal
chr09	18500001	18600000	0.116	1.406	normal
chr09	18600001	18700000	0.074	1.118	normal
chr09	18700001	18800000	0.052	1.057	normal
chr09	18800001	18900000	0.129	0.746	normal
chr09	18900001	19000000	0.065	1.101	normal
chr09	19000001	19100000	0.040	1.054	normal
chr09	19100001	19200000	0.088	0.920	normal
chr09	19200001	19300000	0.065	1.248	normal
chr09	19300001	19400000	0.052	1.156	normal
chr09	19400001	19500000	0.072	1.063	normal
chr09	19500001	19600000	0.096	0.951	normal
chr09	19600001	19700000	0.091	0.820	normal
chr09	19700001	19800000	0.075	0.840	normal
chr09	19800001	19900000	0.105	0.714	normal
chr09	19900001	20000000	0.147	0.595	normal
chr09	20000001	20100000	0.110	0.704	normal
chr09	20100001	20200000	0.073	0.882	normal
chr09	20200001	20300000	0.051	1.195	normal
chr09	20300001	20400000	0.045	1.086	normal
chr09	20400001	20500000	0.079	1.168	normal
chr09	20500001	20600000	0.127	1.585	normal
chr09	20600001	20700000	0.120	0.898	normal
chr09	20700001	20800000	0.098	0.761	normal
chr09	20800001	20900000	0.085	0.990	normal
chr09	20900001	21000000	0.087	0.574	normal
chr09	21000001	21100000	0.089	0.834	normal
chr09	21100001	21200000	0.067	1.233	normal
chr09	21200001	21300000	0.090	0.827	normal
chr09	21300001	21400000	0.069	0.708	normal
chr09	21400001	21500000	0.055	0.993	normal

chr09	21500001	21600000	0.022	1.086	normal
chr09	21600001	21700000	0.068	0.842	normal
chr09	21700001	21800000	0.034	0.756	normal
chr09	21800001	21900000	0.202	1.266	normal
chr09	21900001	22000000	0.166	1.585	sig
chr09	22000001	22100000	0.114	1.289	normal
chr09	22100001	22200000	0.092	1.186	normal
chr09	22200001	22300000	0.111	1.184	normal
chr09	22300001	22400000	0.090	0.909	normal
chr09	22400001	22500000	0.115	1.264	normal
chr09	22500001	22600000	0.102	1.023	normal
chr09	22600001	22700000	0.113	0.932	normal
chr09	22700001	22800000	0.122	0.958	normal
chr09	22800001	22900000	0.092	1.245	normal
chr09	22900001	23000000	0.059	1.068	normal
chr09	23000001	23100000	0.095	1.280	normal
chr09	23100001	23200000	0.056	1.104	normal
chr09	23200001	23300000	0.108	1.142	normal
chr09	23300001	23400000	0.037	1.039	normal
chr09	23400001	23500000	0.053	1.164	normal
chr09	23500001	23600000	0.098	1.057	normal
chr09	23600001	23700000	0.179	0.576	normal
chr09	23700001	23800000	0.089	1.129	normal
chr09	23800001	23900000	0.074	0.989	normal
chr09	23900001	24000000	0.096	0.950	normal
chr09	24000001	24100000	0.122	0.923	normal
chr09	24100001	24200000	0.071	1.099	normal
chr09	24200001	24300000	0.111	1.301	normal
chr09	24300001	24400000	0.064	1.398	normal
chr09	24400001	24500000	0.089	0.997	normal
chr09	24500001	24600000	0.078	1.158	normal
chr09	24600001	24700000	0.067	1.108	normal
chr09	24700001	24800000	0.078	1.080	normal
chr09	24800001	24900000	0.062	1.046	normal
chr09	24900001	25000000	0.037	1.040	normal
chr09	25000001	25100000	0.031	1.234	normal
chr09	25100001	25200000	0.038	1.065	normal
chr09	25200001	25300000	0.052	0.998	normal
chr09	25300001	25400000	0.119	0.925	normal
chr09	25400001	25500000	0.087	0.935	normal
chr09	25500001	25600000	0.122	0.767	normal
chr09	25600001	25700000	0.129	0.893	normal
chr09	25700001	25800000	0.091	1.075	normal
chr09	25800001	25900000	0.074	0.929	normal

chr09	25900001	26000000	0.061	1.221	normal
chr09	26000001	26100000	0.091	1.051	normal
chr09	26100001	26200000	0.057	1.113	normal
chr09	26200001	26300000	0.118	1.169	normal
chr09	26300001	26400000	0.138	1.097	normal
chr09	26400001	26500000	0.130	1.254	normal
chr09	26500001	26600000	0.091	1.273	normal
chr09	26600001	26700000	0.073	1.026	normal
chr09	26700001	26800000	0.048	1.032	normal
chr09	26800001	26900000	0.127	1.118	normal
chr09	26900001	27000000	0.115	1.004	normal
chr09	27000001	27100000	0.067	1.179	normal
chr09	27100001	27200000	0.081	0.885	normal
chr09	27200001	27300000	0.155	1.379	normal
chr09	27300001	27400000	0.077	1.316	normal
chr09	27400001	27500000	0.045	0.889	normal
chr09	27500001	27600000	0.084	1.199	normal
chr09	27600001	27700000	0.080	0.899	normal
chr09	27700001	27800000	0.088	0.757	normal
chr09	27800001	27900000	0.063	0.895	normal
chr09	27900001	28000000	0.105	0.893	normal
chr09	28000001	28100000	0.140	1.620	normal
chr09	28100001	28200000	0.053	1.034	normal
chr09	28200001	28300000	0.076	0.979	normal
chr09	28300001	28400000	0.086	1.383	normal
chr09	28400001	28500000	0.064	1.076	normal
chr09	28500001	28600000	0.093	0.935	normal
chr09	28600001	28700000	0.098	0.938	normal
chr09	28700001	28800000	0.084	1.111	normal
chr09	28800001	28900000	0.110	0.799	normal
chr09	28900001	29000000	0.066	0.942	normal
chr09	29000001	29100000	0.073	1.013	normal
chr09	29100001	29200000	0.050	1.062	normal
chr09	29200001	29300000	0.097	1.479	normal
chr09	29300001	29400000	0.072	1.026	normal
chr09	29400001	29500000	0.056	0.968	normal
chr09	29500001	29600000	0.128	0.733	normal
chr09	29600001	29700000	0.136	0.704	normal
chr09	29700001	29800000	0.057	0.922	normal
chr09	29800001	29900000	0.103	0.953	normal
chr09	29900001	30000000	0.093	0.836	normal
chr09	30000001	30100000	0.084	0.846	normal
chr09	30100001	30200000	0.077	0.954	normal
chr09	30200001	30300000	0.135	0.896	normal

chr09	30300001	30400000	0.104	1.208	normal
chr09	30400001	30500000	0.106	0.865	normal
chr09	30500001	30600000	0.103	0.996	normal
chr09	30600001	30700000	0.085	0.795	normal
chr09	30700001	30800000	0.162	0.851	normal
chr09	30800001	30900000	0.127	0.808	normal
chr09	30900001	31000000	0.058	1.762	normal
chr09	31000001	31100000	0.048	0.835	normal
chr09	31100001	31200000	0.110	0.897	normal
chr09	31200001	31300000	0.062	1.120	normal
chr09	31300001	31400000	0.094	0.859	normal
chr09	31400001	31500000	0.094	1.087	normal
chr09	31500001	31600000	0.122	1.440	normal
chr09	31600001	31700000	0.116	1.223	normal
chr09	31700001	31800000	0.089	1.027	normal
chr09	31800001	31900000	0.061	0.971	normal
chr09	31900001	32000000	0.103	0.970	normal
chr09	32000001	32100000	0.138	0.866	normal
chr09	32100001	32200000	0.096	1.035	normal
chr09	32200001	32300000	0.087	0.962	normal
chr09	32300001	32400000	0.105	0.908	normal
chr09	32400001	32500000	0.074	0.976	normal
chr09	32500001	32600000	0.045	1.162	normal
chr09	32600001	32700000	0.122	1.399	normal
chr09	32700001	32800000	0.081	1.176	normal
chr09	32800001	32900000	0.089	0.828	normal
chr09	32900001	33000000	0.032	0.967	normal
chr09	33000001	33100000	0.051	0.743	normal
chr09	33100001	33200000	0.092	0.715	normal
chr09	33200001	33300000	0.076	0.835	normal
chr09	33300001	33400000	0.057	0.986	normal
chr09	33400001	33500000	0.072	1.147	normal
chr09	33500001	33600000	0.113	0.744	normal
chr09	33600001	33700000	0.023	1.059	normal
chr09	33700001	33800000	0.090	1.744	normal
chr09	33800001	33900000	0.118	2.109	normal
chr09	33900001	34000000	0.053	1.164	normal
chr09	34000001	34100000	0.074	1.283	normal
chr09	34100001	34200000	0.104	1.461	normal
chr09	34200001	34300000	0.061	0.871	normal
chr09	34300001	34400000	0.037	1.135	normal
chr09	34400001	34500000	0.060	0.867	normal
chr09	34500001	34600000	0.038	0.733	normal
chr09	34600001	34700000	0.051	0.971	normal

chr09	34700001	34800000	0.018	1.094	normal
chr09	34800001	34900000	0.048	0.975	normal
chr09	34900001	35000000	0.053	0.952	normal
chr09	35000001	35100000	0.016	0.953	normal
chr09	35100001	35200000	0.038	0.982	normal
chr09	35200001	35300000	0.076	1.258	normal
chr09	35300001	35400000	0.048	0.884	normal
chr09	35400001	35500000	0.079	0.849	normal
chr09	35500001	35600000	0.103	0.644	normal
chr09	35600001	35700000	0.047	1.100	normal
chr09	35700001	35800000	0.027	0.932	normal
chr09	35800001	35900000	0.038	1.066	normal
chr09	35900001	36000000	0.035	1.084	normal
chr09	36000001	36100000	0.036	1.015	normal
chr09	36100001	36200000	0.053	0.844	normal
chr09	36200001	36300000	0.061	0.973	normal
chr09	36300001	36400000	0.076	0.854	normal
chr09	36400001	36500000	0.041	1.129	normal
chr09	36500001	36600000	0.041	1.040	normal
chr09	36600001	36700000	0.045	1.010	normal
chr09	36700001	36800000	0.036	0.870	normal
chr09	36800001	36900000	0.028	0.890	normal
chr09	36900001	37000000	0.056	0.973	normal
chr09	37000001	37100000	0.114	0.789	normal
chr09	37100001	37200000	0.145	0.719	normal
chr09	37200001	37300000	0.037	0.846	normal
chr09	37300001	37400000	0.064	0.909	normal
chr09	37400001	37500000	0.063	1.023	normal
chr09	37500001	37600000	0.062	0.854	normal
chr09	37600001	37700000	0.020	0.905	normal
chr09	37700001	37800000	0.076	0.951	normal
chr09	37800001	37900000	0.053	0.754	normal
chr09	37900001	38000000	0.026	0.974	normal
chr09	38000001	38100000	0.079	0.780	normal
chr09	38100001	38200000	0.029	1.232	normal
chr09	38200001	38300000	0.033	0.949	normal
chr09	38300001	38400000	0.072	0.868	normal
chr09	38400001	38500000	0.016	0.985	normal
chr09	38500001	38600000	0.103	0.493	normal
chr09	38600001	38700000	0.051	0.912	normal
chr09	38700001	38800000	0.065	0.859	normal
chr09	38800001	38900000	0.038	0.938	normal
chr09	38900001	39000000	0.096	1.137	normal
chr09	39000001	39100000	0.059	6.703	normal

chr09	39100001	39200000	0.077	0.886	normal
chr09	39200001	39300000	0.061	0.871	normal
chr09	39300001	39400000	0.044	0.986	normal
chr09	39400001	39500000	0.037	1.217	normal
chr09	39500001	39600000	0.051	1.448	normal
chr09	39600001	39700000	0.106	1.691	normal
chr09	39700001	39800000	0.074	1.728	normal
chr09	39800001	39900000	0.052	1.503	normal
chr09	39900001	40000000	0.068	0.777	normal
chr09	40000001	40100000	0.048	1.287	normal
chr09	40100001	40200000	0.054	1.193	normal
chr09	40200001	40300000	0.066	1.127	normal
chr09	40300001	40400000	0.070	1.010	normal
chr09	40400001	40500000	0.056	1.077	normal
chr09	40500001	40600000	0.073	1.001	normal
chr09	40600001	40700000	0.065	0.970	normal
chr09	40700001	40800000	0.054	1.037	normal
chr09	40800001	40900000	0.057	0.946	normal
chr09	40900001	41000000	0.091	0.795	normal
chr09	41000001	41100000	0.073	1.368	normal
chr09	41100001	41200000	0.081	1.369	normal
chr09	41200001	41300000	0.116	1.459	normal
chr09	41300001	41400000	0.102	0.912	normal
chr09	41400001	41500000	0.097	1.004	normal
chr09	41500001	41600000	0.095	0.977	normal
chr09	41600001	41700000	0.030	1.016	normal
chr09	41700001	41800000	0.085	0.848	normal
chr09	41800001	41900000	0.133	1.211	normal
chr09	41900001	42000000	0.106	1.076	normal
chr09	42000001	42100000	0.077	1.130	normal
chr09	42100001	42200000	0.197	0.921	normal
chr09	42200001	42300000	0.037	0.984	normal
chr09	42300001	42400000	0.057	0.928	normal
chr09	42400001	42500000	0.046	1.051	normal
chr09	42500001	42600000	0.052	0.994	normal
chr09	42600001	42700000	0.079	0.765	normal
chr09	42700001	42800000	0.063	0.990	normal
chr09	42800001	42900000	0.027	1.047	normal
chr09	42900001	43000000	0.046	1.068	normal
chr09	43000001	43100000	0.032	1.010	normal
chr09	43100001	43200000	0.041	0.809	normal
chr09	43200001	43300000	0.080	0.768	normal
chr09	43300001	43400000	0.055	0.852	normal
chr09	43400001	43500000	0.035	0.931	normal

chr09	43500001	43600000	0.041	0.997	normal
chr09	43600001	43700000	0.024	0.946	normal
chr09	43700001	43800000	0.078	0.793	normal
chr09	43800001	43900000	0.086	0.825	normal
chr09	43900001	44000000	0.054	0.932	normal
chr09	44000001	44100000	0.042	0.888	normal
chr09	44100001	44200000	0.099	1.078	normal
chr09	44200001	44300000	0.054	0.966	normal
chr09	44300001	44400000	0.024	0.806	normal
chr09	44400001	44500000	0.035	0.878	normal
chr09	44500001	44600000	0.164	0.424	normal
chr09	44600001	44700000	0.148	0.668	normal
chr09	44700001	44800000	0.038	0.991	normal
chr09	44800001	44900000	0.034	0.983	normal
chr09	44900001	45000000	0.048	1.029	normal
chr09	45000001	45100000	0.050	1.000	normal
chr09	45100001	45200000	0.054	1.037	normal
chr09	45200001	45300000	0.052	1.109	normal
chr09	45300001	45400000	0.057	1.110	normal
chr09	45400001	45500000	0.059	1.122	normal
chr09	45500001	45600000	0.047	1.067	normal
chr09	45600001	45700000	0.053	1.011	normal
chr09	45700001	45800000	0.039	0.985	normal
chr09	45800001	45900000	0.046	0.951	normal
chr09	45900001	46000000	0.057	0.976	normal
chr09	46000001	46100000	0.055	1.088	normal
chr09	46100001	46200000	0.042	0.838	normal
chr09	46200001	46300000	0.025	0.972	normal
chr09	46300001	46400000	0.040	0.975	normal
chr09	46400001	46500000	0.037	1.062	normal
chr09	46500001	46600000	0.060	1.125	normal
chr09	46600001	46700000	0.060	1.137	normal
chr09	46700001	46800000	0.132	0.692	normal
chr09	46800001	46900000	0.088	0.665	normal
chr09	46900001	47000000	0.028	1.218	normal
chr09	47000001	47100000	0.041	1.386	normal
chr09	47100001	47200000	0.028	1.805	normal
chr09	47200001	47300000	0.041	1.639	normal
chr09	47300001	47400000	0.038	1.286	normal
chr09	47400001	47500000	0.037	0.867	normal
chr09	47500001	47600000	0.067	0.788	normal
chr09	47600001	47700000	0.092	0.945	normal
chr09	47700001	47800000	0.083	0.959	normal
chr09	47800001	47900000	0.120	0.870	normal

chr09	47900001	48000000	0.093	1.131	normal
chr09	48000001	48100000	0.080	0.785	normal
chr09	48100001	48200000	0.044	0.626	normal
chr09	48200001	48300000	0.040	0.931	normal
chr09	48300001	48400000	0.098	0.684	normal
chr09	48400001	48500000	0.093	0.632	normal
chr09	48500001	48600000	0.026	0.995	normal
chr09	48600001	48700000	0.069	0.799	normal
chr09	48700001	48800000	0.064	0.773	normal
chr09	48800001	48900000	0.053	0.786	normal
chr09	48900001	49000000	0.077	0.952	normal
chr09	49000001	49100000	0.042	1.122	normal
chr09	49100001	49200000	0.013	1.231	normal
chr09	49200001	49300000	0.013	1.052	normal
chr09	49300001	49400000	0.024	0.983	normal
chr09	49400001	49500000	0.038	0.814	normal
chr09	49500001	49600000	0.070	0.951	normal
chr09	49600001	49700000	0.054	0.990	normal
chr09	49700001	49800000	0.114	0.510	normal
chr09	49800001	49900000	0.043	0.851	normal
chr09	49900001	50000000	0.058	0.827	normal
chr09	50000001	50100000	0.042	0.969	normal
chr09	50100001	50200000	0.042	0.940	normal
chr09	50200001	50300000	0.044	0.934	normal
chr09	50300001	50400000	0.047	1.164	normal
chr09	50400001	50500000	0.044	1.151	normal
chr09	50500001	50600000	0.048	0.945	normal
chr09	50600001	50700000	0.076	0.905	normal
chr09	50700001	50800000	0.074	1.283	normal
chr09	50800001	50900000	-0.012	1.185	normal
chr09	50900001	51000000	0.013	1.053	normal
chr09	51000001	51100000	0.090	1.053	normal
chr09	51100001	51200000	0.072	1.384	normal
chr09	51200001	51300000	0.056	1.168	normal
chr09	51300001	51400000	0.034	1.427	normal
chr09	51400001	51500000	0.070	1.021	normal
chr09	51500001	51600000	0.056	1.007	normal
chr09	51600001	51700000	0.065	0.857	normal
chr09	51700001	51800000	0.049	1.060	normal
chr09	51800001	51900000	0.035	1.078	normal
chr09	51900001	52000000	0.026	1.051	normal
chr09	52000001	52100000	0.034	1.007	normal
chr09	52100001	52200000	0.102	1.339	normal
chr09	52200001	52300000	0.046	1.025	normal

chr09	52300001	52400000	0.066	0.956	normal
chr09	52400001	52500000	0.098	0.695	normal
chr09	52500001	52600000	0.110	1.003	normal
chr09	52600001	52700000	0.033	1.000	normal
chr09	52700001	52800000	0.083	1.266	normal
chr09	52800001	52900000	0.067	1.066	normal
chr09	52900001	53000000	0.062	1.010	normal
chr09	53000001	53100000	0.113	1.068	normal
chr09	53100001	53200000	0.093	1.130	normal
chr09	53200001	53300000	0.061	0.802	normal
chr09	53300001	53400000	0.025	0.973	normal
chr09	53400001	53500000	0.049	0.845	normal
chr09	53500001	53600000	0.152	1.439	normal
chr09	53600001	53700000	0.076	0.809	normal
chr09	53700001	53800000	0.107	0.589	normal
chr09	53800001	53900000	0.115	0.488	normal
chr09	53900001	54000000	0.093	0.579	normal
chr09	54000001	54100000	0.051	0.836	normal
chr09	54100001	54200000	0.043	0.780	normal
chr09	54200001	54300000	0.093	0.548	normal
chr09	54300001	54400000	0.096	0.635	normal
chr09	54400001	54500000	0.064	1.005	normal
chr09	54500001	54600000	0.070	2.320	normal
chr09	54600001	54700000	0.066	0.911	normal
chr09	54700001	54800000	0.034	1.033	normal
chr09	54800001	54900000	0.183	1.403	normal
chr09	54900001	55000000	0.218	1.567	sig
chr09	55000001	55100000	0.251	1.779	sig
chr09	55100001	55200000	0.028	1.102	normal
chr09	55200001	55300000	0.067	1.047	normal
chr09	55300001	55400000	0.046	1.013	normal
chr09	55400001	55500000	0.114	1.066	normal
chr09	55500001	55600000	0.032	1.038	normal
chr09	55600001	55700000	0.027	0.972	normal
chr09	55700001	55800000	0.114	0.617	normal
chr10	1	100000	0.075	0.977	normal
chr10	100001	200000	0.055	1.116	normal
chr10	200001	300000	0.042	1.071	normal
chr10	300001	400000	0.051	0.974	normal
chr10	400001	500000	0.061	1.207	normal
chr10	500001	600000	0.053	0.995	normal
chr10	600001	700000	0.040	0.929	normal
chr10	700001	800000	0.050	1.192	normal
chr10	800001	900000	0.069	0.886	normal

chr10	900001	1000000	0.026	1.047	normal
chr10	1000001	1100000	0.048	0.972	normal
chr10	1100001	1200000	0.074	0.874	normal
chr10	1200001	1300000	0.065	1.107	normal
chr10	1300001	1400000	0.085	1.282	normal
chr10	1400001	1500000	0.051	0.990	normal
chr10	1500001	1600000	0.083	1.130	normal
chr10	1600001	1700000	0.071	1.003	normal
chr10	1700001	1800000	0.059	0.985	normal
chr10	1800001	1900000	0.027	1.019	normal
chr10	1900001	2000000	0.016	0.912	normal
chr10	2000001	2100000	0.011	0.963	normal
chr10	2100001	2200000	0.061	1.177	normal
chr10	2200001	2300000	0.157	0.954	normal
chr10	2300001	2400000	0.065	1.022	normal
chr10	2400001	2500000	0.057	0.881	normal
chr10	2500001	2600000	0.110	0.935	normal
chr10	2600001	2700000	0.050	1.099	normal
chr10	2700001	2800000	0.032	0.993	normal
chr10	2800001	2900000	0.157	0.725	normal
chr10	2900001	3000000	0.101	1.076	normal
chr10	3000001	3100000	0.032	1.175	normal
chr10	3100001	3200000	0.045	1.137	normal
chr10	3200001	3300000	0.011	0.890	normal
chr10	3300001	3400000	0.074	1.082	normal
chr10	3400001	3500000	0.082	0.898	normal
chr10	3500001	3600000	0.010	1.081	normal
chr10	3600001	3700000	0.046	0.980	normal
chr10	3700001	3800000	0.039	0.899	normal
chr10	3800001	3900000	0.069	1.506	normal
chr10	3900001	4000000	0.059	1.997	normal
chr10	4000001	4100000	0.047	1.104	normal
chr10	4100001	4200000	0.054	1.319	normal
chr10	4200001	4300000	0.054	1.013	normal
chr10	4300001	4400000	0.092	0.685	normal
chr10	4400001	4500000	0.081	0.915	normal
chr10	4500001	4600000	0.073	0.936	normal
chr10	4600001	4700000	0.104	1.324	normal
chr10	4700001	4800000	0.069	1.475	normal
chr10	4800001	4900000	0.025	1.340	normal
chr10	4900001	5000000	0.015	1.200	normal
chr10	5000001	5100000	0.016	1.069	normal
chr10	5100001	5200000	0.040	1.186	normal
chr10	5200001	5300000	0.052	1.004	normal

chr10	5300001	5400000	0.069	1.270	normal
chr10	5400001	5500000	0.158	0.951	normal
chr10	5500001	5600000	0.101	1.262	normal
chr10	5600001	5700000	0.031	1.311	normal
chr10	5700001	5800000	0.023	1.052	normal
chr10	5800001	5900000	0.035	1.021	normal
chr10	5900001	6000000	0.043	0.874	normal
chr10	6000001	6100000	0.212	0.794	normal
chr10	6100001	6200000	0.120	0.978	normal
chr10	6200001	6300000	0.114	0.802	normal
chr10	6300001	6400000	0.166	0.610	normal
chr10	6400001	6500000	0.106	0.872	normal
chr10	6500001	6600000	0.065	1.145	normal
chr10	6600001	6700000	0.049	0.980	normal
chr10	6700001	6800000	0.042	0.913	normal
chr10	6800001	6900000	0.020	0.939	normal
chr10	6900001	7000000	0.015	0.972	normal
chr10	7000001	7100000	0.037	1.074	normal
chr10	7100001	7200000	0.038	1.161	normal
chr10	7200001	7300000	0.143	1.397	normal
chr10	7300001	7400000	0.099	1.067	normal
chr10	7400001	7500000	0.122	1.377	normal
chr10	7500001	7600000	0.110	1.387	normal
chr10	7600001	7700000	0.023	0.976	normal
chr10	7700001	7800000	0.083	0.647	normal
chr10	7800001	7900000	0.137	0.596	normal
chr10	7900001	8000000	0.124	0.799	normal
chr10	8000001	8100000	0.075	0.888	normal
chr10	8100001	8200000	0.019	1.034	normal
chr10	8200001	8300000	0.048	0.930	normal
chr10	8300001	8400000	0.078	0.983	normal
chr10	8400001	8500000	0.084	0.901	normal
chr10	8500001	8600000	0.211	0.426	normal
chr10	8600001	8700000	0.092	0.916	normal
chr10	8700001	8800000	0.183	1.512	normal
chr10	8800001	8900000	0.063	0.902	normal
chr10	8900001	9000000	0.077	1.396	normal
chr10	9000001	9100000	0.056	0.950	normal
chr10	9100001	9200000	0.057	0.949	normal
chr10	9200001	9300000	0.063	0.919	normal
chr10	9300001	9400000	0.069	0.970	normal
chr10	9400001	9500000	0.064	1.076	normal
chr10	9500001	9600000	0.083	1.189	normal
chr10	9600001	9700000	0.048	1.436	normal

chr10	9700001	9800000	0.067	1.000	normal
chr10	9800001	9900000	0.171	1.054	normal
chr10	9900001	10000000	0.166	1.344	normal
chr10	10000001	10100000	0.069	0.983	normal
chr10	10100001	10200000	0.073	1.087	normal
chr10	10200001	10300000	0.087	1.057	normal
chr10	10300001	10400000	0.117	1.250	normal
chr10	10400001	10500000	0.125	1.566	normal
chr10	10500001	10600000	0.105	1.190	normal
chr10	10600001	10700000	0.045	1.149	normal
chr10	10700001	10800000	0.035	1.060	normal
chr10	10800001	10900000	0.020	1.192	normal
chr10	10900001	11000000	0.013	1.111	normal
chr10	11000001	11100000	0.015	0.998	normal
chr10	11100001	11200000	0.041	1.050	normal
chr10	11200001	11300000	0.070	1.029	normal
chr10	11300001	11400000	0.021	1.024	normal
chr10	11400001	11500000	0.075	0.905	normal
chr10	11500001	11600000	0.039	1.199	normal
chr10	11600001	11700000	0.015	1.048	normal
chr10	11700001	11800000	0.031	0.914	normal
chr10	11800001	11900000	0.101	0.758	normal
chr10	11900001	12000000	0.107	0.806	normal
chr10	12000001	12100000	0.117	1.282	normal
chr10	12100001	12200000	0.098	1.244	normal
chr10	12200001	12300000	0.063	1.021	normal
chr10	12300001	12400000	0.161	0.671	normal
chr10	12400001	12500000	0.086	0.714	normal
chr10	12500001	12600000	0.020	0.953	normal
chr10	12600001	12700000	0.002	0.966	normal
chr10	12700001	12800000	0.012	0.951	normal
chr10	12800001	12900000	0.046	0.973	normal
chr10	12900001	13000000	0.047	0.763	normal
chr10	13000001	13100000	0.022	1.131	normal
chr10	13100001	13200000	0.070	1.318	normal
chr10	13200001	13300000	0.008	0.944	normal
chr10	13300001	13400000	0.049	1.020	normal
chr10	13400001	13500000	0.094	0.989	normal
chr10	13500001	13600000	0.275	1.007	normal
chr10	13600001	13700000	0.194	1.361	normal
chr10	13700001	13800000	0.178	1.563	sig
chr10	13800001	13900000	0.235	1.411	normal
chr10	13900001	14000000	0.116	1.219	normal
chr10	14000001	14100000	0.065	1.340	normal

chr10	14100001	14200000	0.047	1.377	normal
chr10	14200001	14300000	0.044	1.227	normal
chr10	14300001	14400000	0.072	1.328	normal
chr10	14400001	14500000	0.070	1.290	normal
chr10	14500001	14600000	0.051	1.177	normal
chr10	14600001	14700000	0.066	1.297	normal
chr10	14700001	14800000	0.060	1.236	normal
chr10	14800001	14900000	0.069	1.155	normal
chr10	14900001	15000000	0.083	0.765	normal
chr10	15000001	15100000	0.080	1.495	normal
chr10	15100001	15200000	0.069	1.200	normal
chr10	15200001	15300000	0.046	1.116	normal
chr10	15300001	15400000	0.072	1.016	normal
chr10	15400001	15500000	0.115	1.373	normal
chr10	15500001	15600000	0.097	1.273	normal
chr10	15600001	15700000	0.104	1.332	normal
chr10	15700001	15800000	0.150	1.452	normal
chr10	15800001	15900000	0.139	0.651	normal
chr10	15900001	16000000	0.098	0.974	normal
chr10	16000001	16100000	0.083	1.074	normal
chr10	16100001	16200000	0.098	0.904	normal
chr10	16200001	16300000	0.121	0.805	normal
chr10	16300001	16400000	0.092	0.938	normal
chr10	16400001	16500000	0.113	1.455	normal
chr10	16500001	16600000	0.201	1.991	sig
chr10	16600001	16700000	0.285	1.764	sig
chr10	16700001	16800000	0.146	1.235	normal
chr10	16800001	16900000	0.038	1.111	normal
chr10	16900001	17000000	0.098	1.009	normal
chr10	17000001	17100000	0.038	0.991	normal
chr10	17100001	17200000	0.077	1.096	normal
chr10	17200001	17300000	0.063	1.049	normal
chr10	17300001	17400000	0.072	1.236	normal
chr10	17400001	17500000	0.028	1.053	normal
chr10	17500001	17600000	0.025	1.182	normal
chr10	17600001	17700000	0.010	1.073	normal
chr10	17700001	17800000	0.071	1.332	normal
chr10	17800001	17900000	0.087	1.734	normal
chr10	17900001	18000000	0.105	1.311	normal
chr10	18000001	18100000	0.080	1.479	normal
chr10	18100001	18200000	0.047	1.353	normal
chr10	18200001	18300000	0.090	0.969	normal
chr10	18300001	18400000	0.040	1.093	normal
chr10	18400001	18500000	0.024	1.556	normal

chr10	18500001	18600000	0.064	0.949	normal
chr10	18600001	18700000	0.084	1.064	normal
chr10	18700001	18800000	0.042	1.075	normal
chr10	18800001	18900000	0.025	0.892	normal
chr10	18900001	19000000	0.067	1.039	normal
chr10	19000001	19100000	0.053	1.228	normal
chr10	19100001	19200000	0.097	0.802	normal
chr10	19200001	19300000	0.134	0.701	normal
chr10	19300001	19400000	0.103	0.903	normal
chr10	19400001	19500000	0.106	0.565	normal
chr10	19500001	19600000	0.041	1.063	normal
chr10	19600001	19700000	0.074	1.195	normal
chr10	19700001	19800000	0.066	0.769	normal
chr10	19800001	19900000	0.059	1.047	normal
chr10	19900001	20000000	0.033	0.944	normal
chr10	20000001	20100000	0.054	1.004	normal
chr10	20100001	20200000	0.050	1.020	normal
chr10	20200001	20300000	0.040	0.933	normal
chr10	20300001	20400000	0.064	1.548	normal
chr10	20400001	20500000	0.081	1.599	normal
chr10	20500001	20600000	0.067	1.306	normal
chr10	20600001	20700000	0.112	1.211	normal
chr10	20700001	20800000	0.095	1.009	normal
chr10	20800001	20900000	0.060	1.088	normal
chr10	20900001	21000000	0.056	0.889	normal
chr10	21000001	21100000	0.073	1.182	normal
chr10	21100001	21200000	0.042	1.077	normal
chr10	21200001	21300000	0.090	0.890	normal
chr10	21300001	21400000	0.054	1.222	normal
chr10	21400001	21500000	0.059	1.054	normal
chr10	21500001	21600000	0.056	0.899	normal
chr10	21600001	21700000	0.044	0.947	normal
chr10	21700001	21800000	0.036	1.212	normal
chr10	21800001	21900000	0.051	1.012	normal
chr10	21900001	22000000	0.062	1.532	normal
chr10	22000001	22100000	0.026	1.074	normal
chr10	22100001	22200000	0.025	1.010	normal
chr10	22200001	22300000	0.076	1.023	normal
chr10	22300001	22400000	0.035	1.094	normal
chr10	22400001	22500000	0.042	1.068	normal
chr10	22500001	22600000	0.035	1.015	normal
chr10	22600001	22700000	0.051	1.146	normal
chr10	22700001	22800000	0.045	1.114	normal
chr10	22800001	22900000	0.055	1.088	normal

chr10	22900001	23000000	0.078	0.824	normal
chr10	23000001	23100000	0.042	1.123	normal
chr10	23100001	23200000	0.049	1.171	normal
chr10	23200001	23300000	0.042	1.080	normal
chr10	23300001	23400000	0.052	0.917	normal
chr10	23400001	23500000	0.050	1.089	normal
chr10	23500001	23600000	0.098	1.418	normal
chr10	23600001	23700000	0.047	1.202	normal
chr10	23700001	23800000	0.066	1.303	normal
chr10	23800001	23900000	0.031	1.183	normal
chr10	23900001	24000000	0.043	1.064	normal
chr10	24000001	24100000	0.041	1.056	normal
chr10	24100001	24200000	0.062	1.204	normal
chr10	24200001	24300000	0.075	1.144	normal
chr10	24300001	24400000	0.063	1.227	normal
chr10	24400001	24500000	0.088	0.903	normal
chr10	24500001	24600000	0.068	1.100	normal
chr10	24600001	24700000	0.072	1.504	normal
chr10	24700001	24800000	0.042	1.104	normal
chr10	24800001	24900000	0.048	1.130	normal
chr10	24900001	25000000	0.049	1.117	normal
chr10	25000001	25100000	0.075	1.143	normal
chr10	25100001	25200000	0.044	1.156	normal
chr10	25200001	25300000	0.086	1.501	normal
chr10	25300001	25400000	0.090	1.610	normal
chr10	25400001	25500000	0.052	1.414	normal
chr10	25500001	25600000	0.074	1.587	normal
chr10	25600001	25700000	0.062	1.290	normal
chr10	25700001	25800000	0.067	1.182	normal
chr10	25800001	25900000	0.086	1.254	normal
chr10	25900001	26000000	0.031	0.948	normal
chr10	26000001	26100000	0.030	1.095	normal
chr10	26100001	26200000	0.023	0.970	normal
chr10	26200001	26300000	0.042	1.587	normal
chr10	26300001	26400000	0.034	1.217	normal
chr10	26400001	26500000	0.062	1.148	normal
chr10	26500001	26600000	0.089	1.070	normal
chr10	26600001	26700000	0.065	1.463	normal
chr10	26700001	26800000	0.080	1.700	normal
chr10	26800001	26900000	0.016	1.046	normal
chr10	26900001	27000000	0.037	1.438	normal
chr10	27000001	27100000	0.031	1.016	normal
chr10	27100001	27200000	0.063	1.205	normal
chr10	27200001	27300000	0.068	1.045	normal

chr10	27300001	27400000	0.046	1.244	normal
chr10	27400001	27500000	0.055	2.243	normal
chr10	27500001	27600000	0.042	0.871	normal
chr10	27600001	27700000	0.044	0.947	normal
chr10	27700001	27800000	0.069	1.215	normal
chr10	27800001	27900000	0.097	1.344	normal
chr10	27900001	28000000	0.030	1.142	normal
chr10	28000001	28100000	0.065	1.326	normal
chr10	28100001	28200000	0.049	1.172	normal
chr10	28200001	28300000	0.057	0.935	normal
chr10	28300001	28400000	0.022	0.865	normal
chr10	28400001	28500000	0.041	1.173	normal
chr10	28500001	28600000	0.102	1.096	normal
chr10	28600001	28700000	0.064	1.118	normal
chr10	28700001	28800000	0.036	1.014	normal
chr10	28800001	28900000	0.101	1.337	normal
chr10	28900001	29000000	0.061	1.476	normal
chr10	29000001	29100000	0.049	0.811	normal
chr10	29100001	29200000	0.075	1.634	normal
chr10	29200001	29300000	0.086	1.218	normal
chr10	29300001	29400000	0.074	0.835	normal
chr10	29400001	29500000	0.208	1.562	sig
chr10	29500001	29600000	0.079	1.263	normal
chr10	29600001	29700000	0.172	2.389	sig
chr10	29700001	29800000	0.201	1.430	normal
chr10	29800001	29900000	0.128	1.151	normal
chr10	29900001	30000000	0.067	1.158	normal
chr10	30000001	30100000	0.090	1.493	normal
chr10	30100001	30200000	0.096	0.948	normal
chr10	30200001	30300000	0.108	1.255	normal
chr10	30300001	30400000	0.142	0.705	normal
chr10	30400001	30500000	0.140	0.887	normal
chr10	30500001	30600000	0.071	0.740	normal
chr10	30600001	30700000	0.041	0.795	normal
chr10	30700001	30800000	0.026	0.886	normal
chr10	30800001	30900000	0.034	0.769	normal
chr10	30900001	31000000	0.031	0.708	normal
chr10	31000001	31100000	0.031	0.757	normal
chr10	31100001	31200000	0.030	0.715	normal
chr10	31200001	31300000	0.028	0.802	normal
chr10	31300001	31400000	0.109	0.778	normal
chr10	31400001	31500000	0.120	1.182	normal
chr10	31500001	31600000	0.035	0.954	normal
chr10	31600001	31700000	0.075	1.135	normal

chr10	31700001	31800000	0.063	1.256	normal
chr10	31800001	31900000	0.152	1.036	normal
chr10	31900001	32000000	0.107	0.640	normal
chr10	32000001	32100000	0.079	1.386	normal
chr10	32100001	32200000	0.089	0.978	normal
chr10	32200001	32300000	0.073	1.017	normal
chr10	32300001	32400000	0.078	1.104	normal
chr10	32400001	32500000	0.051	1.000	normal
chr10	32500001	32600000	0.206	2.547	sig
chr10	32600001	32700000	0.214	2.793	sig
chr10	32700001	32800000	0.029	0.924	normal
chr10	32800001	32900000	0.082	1.576	normal
chr10	32900001	33000000	0.083	0.729	normal
chr10	33000001	33100000	0.106	1.257	normal
chr10	33100001	33200000	0.102	1.667	normal
chr10	33200001	33300000	0.085	1.383	normal
chr10	33300001	33400000	0.083	1.202	normal
chr10	33400001	33500000	0.103	1.237	normal
chr10	33500001	33600000	0.121	0.794	normal
chr10	33600001	33700000	0.108	1.154	normal
chr10	33700001	33800000	0.075	1.172	normal
chr10	33800001	33900000	0.097	1.060	normal
chr10	33900001	34000000	0.029	1.111	normal
chr10	34000001	34100000	0.036	0.985	normal
chr10	34100001	34200000	0.078	1.114	normal
chr10	34200001	34300000	0.234	1.389	normal
chr10	34300001	34400000	0.068	0.973	normal
chr10	34400001	34500000	0.038	0.983	normal
chr10	34500001	34600000	0.104	1.680	normal
chr10	34600001	34700000	0.112	1.161	normal
chr10	34700001	34800000	0.129	1.156	normal
chr10	34800001	34900000	0.062	1.243	normal
chr10	34900001	35000000	0.078	1.310	normal
chr10	35000001	35100000	0.123	1.381	normal
chr10	35100001	35200000	0.070	1.560	normal
chr10	35200001	35300000	0.152	1.443	normal
chr10	35300001	35400000	0.128	1.159	normal
chr10	35400001	35500000	0.068	1.091	normal
chr10	35500001	35600000	0.047	1.036	normal
chr10	35600001	35700000	0.070	1.449	normal
chr10	35700001	35800000	0.102	2.670	normal
chr10	35800001	35900000	0.076	1.616	normal
chr10	35900001	36000000	0.129	1.129	normal
chr10	36000001	36100000	0.180	0.914	normal

chr10	36100001	36200000	0.029	0.984	normal
chr10	36200001	36300000	0.081	1.027	normal
chr10	36300001	36400000	0.095	1.109	normal
chr10	36400001	36500000	0.166	0.770	normal
chr10	36500001	36600000	0.066	1.134	normal
chr10	36600001	36700000	0.050	1.299	normal
chr10	36700001	36800000	0.046	1.189	normal
chr10	36800001	36900000	0.027	1.074	normal
chr10	36900001	37000000	0.024	0.955	normal
chr10	37000001	37100000	0.039	1.060	normal
chr10	37100001	37200000	0.040	1.049	normal
chr10	37200001	37300000	0.072	1.064	normal
chr10	37300001	37400000	0.043	1.104	normal
chr10	37400001	37500000	0.018	1.013	normal
chr10	37500001	37600000	0.032	1.005	normal
chr10	37600001	37700000	0.040	1.084	normal
chr10	37700001	37800000	0.017	1.087	normal
chr10	37800001	37900000	0.041	0.958	normal
chr10	37900001	38000000	0.025	0.964	normal
chr10	38000001	38100000	0.025	0.905	normal
chr10	38100001	38200000	0.028	1.037	normal
chr10	38200001	38300000	0.056	0.946	normal
chr10	38300001	38400000	0.060	1.389	normal
chr10	38400001	38500000	0.047	1.101	normal
chr10	38500001	38600000	0.079	1.080	normal
chr10	38600001	38700000	0.066	1.179	normal
chr10	38700001	38800000	0.049	1.101	normal
chr10	38800001	38900000	0.062	0.737	normal
chr10	38900001	39000000	0.040	1.315	normal
chr10	39000001	39100000	0.072	1.159	normal
chr10	39100001	39200000	0.032	1.092	normal
chr10	39200001	39300000	0.056	1.240	normal
chr10	39300001	39400000	0.024	0.947	normal
chr10	39400001	39500000	0.059	1.208	normal
chr10	39500001	39600000	0.091	1.627	normal
chr10	39600001	39700000	0.104	1.507	normal
chr10	39700001	39800000	0.073	1.139	normal
chr10	39800001	39900000	0.090	1.260	normal
chr10	39900001	40000000	0.091	1.390	normal
chr10	40000001	40100000	0.057	1.208	normal
chr10	40100001	40200000	0.053	1.019	normal
chr10	40200001	40300000	0.112	0.769	normal
chr10	40300001	40400000	0.119	0.741	normal
chr10	40400001	40500000	0.046	1.297	normal

chr10	40500001	40600000	0.083	1.331	normal
chr10	40600001	40700000	0.064	1.050	normal
chr10	40700001	40800000	0.080	0.735	normal
chr10	40800001	40900000	0.177	1.320	normal
chr10	40900001	41000000	0.066	1.421	normal
chr10	41000001	41100000	0.042	1.025	normal
chr10	41100001	41200000	0.075	0.839	normal
chr10	41200001	41300000	0.061	1.502	normal
chr10	41300001	41400000	0.106	0.905	normal
chr10	41400001	41500000	0.088	0.811	normal
chr10	41500001	41600000	0.039	1.103	normal
chr10	41600001	41700000	0.048	1.074	normal
chr10	41700001	41800000	0.040	1.099	normal
chr10	41800001	41900000	0.071	1.191	normal
chr10	41900001	42000000	0.044	1.057	normal
chr10	42000001	42100000	0.093	1.115	normal
chr10	42100001	42200000	0.075	1.045	normal
chr10	42200001	42300000	0.105	1.042	normal
chr10	42300001	42400000	0.163	1.889	sig
chr10	42400001	42500000	0.049	0.957	normal
chr10	42500001	42600000	0.052	1.012	normal
chr10	42600001	42700000	0.043	0.996	normal
chr10	42700001	42800000	0.066	1.301	normal
chr10	42800001	42900000	0.037	1.255	normal
chr10	42900001	43000000	0.046	1.097	normal
chr10	43000001	43100000	0.070	1.317	normal
chr10	43100001	43200000	0.102	1.022	normal
chr10	43200001	43300000	0.014	0.941	normal
chr10	43300001	43400000	0.031	0.926	normal
chr10	43400001	43500000	0.034	0.919	normal
chr10	43500001	43600000	0.014	1.038	normal
chr10	43600001	43700000	0.050	1.046	normal
chr10	43700001	43800000	0.053	0.961	normal
chr10	43800001	43900000	0.069	0.918	normal
chr10	43900001	44000000	0.070	1.157	normal
chr10	44000001	44100000	0.132	0.717	normal
chr10	44100001	44200000	0.065	1.571	normal
chr10	44200001	44300000	0.053	0.968	normal
chr10	44300001	44400000	0.034	0.996	normal
chr10	44400001	44500000	0.045	1.036	normal
chr10	44500001	44600000	0.052	1.088	normal
chr10	44600001	44700000	0.066	1.131	normal
chr10	44700001	44800000	0.079	0.922	normal
chr10	44800001	44900000	0.056	0.945	normal

chr10	44900001	45000000	0.064	1.267	normal
chr10	45000001	45100000	0.057	0.994	normal
chr10	45100001	45200000	0.060	0.769	normal
chr10	45200001	45300000	0.020	0.990	normal
chr10	45300001	45400000	0.050	0.940	normal
chr10	45400001	45500000	0.093	0.985	normal
chr10	45500001	45600000	0.099	0.938	normal
chr10	45600001	45700000	0.067	0.820	normal
chr10	45700001	45800000	0.071	1.045	normal
chr10	45800001	45900000	0.040	1.108	normal
chr10	45900001	46000000	0.147	1.021	normal
chr10	46000001	46100000	0.096	0.838	normal
chr10	46100001	46200000	0.096	1.010	normal
chr10	46200001	46300000	0.060	1.012	normal
chr10	46300001	46400000	0.076	1.644	normal
chr10	46400001	46500000	0.092	1.098	normal
chr10	46500001	46600000	0.043	1.025	normal
chr10	46600001	46700000	0.050	1.035	normal
chr10	46700001	46800000	0.095	1.309	normal
chr10	46800001	46900000	0.098	0.950	normal
chr10	46900001	47000000	0.087	1.015	normal
chr10	47000001	47100000	0.054	0.954	normal
chr10	47100001	47200000	0.179	0.645	normal
chr10	47200001	47300000	0.203	0.712	normal
chr10	47300001	47400000	0.121	0.950	normal
chr10	47400001	47500000	0.071	1.022	normal
chr10	47500001	47600000	0.076	1.069	normal
chr10	47600001	47700000	0.095	1.030	normal
chr10	47700001	47800000	0.082	1.060	normal
chr10	47800001	47900000	0.034	0.946	normal
chr10	47900001	48000000	0.106	1.985	normal
chr10	48000001	48100000	0.081	0.934	normal
chr10	48100001	48200000	0.053	1.141	normal
chr10	48200001	48300000	0.016	0.881	normal
chr10	48300001	48400000	0.032	1.018	normal
chr10	48400001	48500000	0.107	0.852	normal
chr10	48500001	48600000	0.085	1.042	normal
chr10	48600001	48700000	0.029	1.122	normal
chr10	48700001	48800000	0.044	0.958	normal
chr10	48800001	48900000	0.071	0.946	normal
chr10	48900001	49000000	0.042	0.937	normal
chr10	49000001	49100000	0.049	0.989	normal
chr10	49100001	49200000	0.078	1.019	normal
chr10	49200001	49300000	0.063	1.104	normal

chr10	49300001	49400000	0.044	1.073	normal
chr10	49400001	49500000	0.047	1.112	normal
chr10	49500001	49600000	0.038	1.036	normal
chr10	49600001	49700000	0.045	0.909	normal
chr10	49700001	49800000	0.030	0.959	normal
chr10	49800001	49900000	0.049	0.808	normal
chr10	49900001	50000000	0.057	1.011	normal
chr10	50000001	50100000	0.074	0.903	normal
chr10	50100001	50200000	0.116	0.841	normal
chr10	50200001	50300000	0.125	0.844	normal
chr10	50300001	50400000	0.145	0.763	normal
chr10	50400001	50500000	0.149	0.675	normal
chr10	50500001	50600000	0.065	2.367	normal
chr10	50600001	50700000	0.000	1.123	normal
chr10	50700001	50800000	0.051	1.214	normal
chr10	50800001	50900000	0.119	0.760	normal
chr10	50900001	51000000	0.074	1.233	normal
chr10	51000001	51100000	0.090	0.906	normal
chr10	51100001	51200000	0.044	0.970	normal
chr10	51200001	51300000	0.096	1.503	normal
chr10	51300001	51400000	0.033	1.086	normal
chr10	51400001	51500000	0.061	1.271	normal
chr10	51500001	51600000	0.062	1.230	normal
chr10	51600001	51700000	0.047	0.950	normal
chr10	51700001	51800000	0.056	0.993	normal
chr10	51800001	51900000	0.069	1.103	normal
chr10	51900001	52000000	0.136	1.285	normal
chr10	52000001	52100000	0.066	1.060	normal
chr10	52100001	52200000	0.120	1.050	normal
chr10	52200001	52300000	0.040	0.905	normal
chr10	52300001	52400000	0.027	1.057	normal
chr10	52400001	52500000	0.043	1.159	normal
chr10	52500001	52600000	0.039	1.154	normal
chr10	52600001	52700000	0.047	1.082	normal
chr10	52700001	52800000	0.036	1.130	normal
chr10	52800001	52900000	0.035	1.139	normal
chr10	52900001	53000000	0.037	1.082	normal
chr10	53000001	53100000	0.204	0.435	normal
chr10	53100001	53200000	0.120	0.659	normal
chr10	53200001	53300000	0.068	1.316	normal
chr10	53300001	53400000	0.065	1.257	normal
chr10	53400001	53500000	0.054	1.289	normal
chr10	53500001	53600000	0.073	1.340	normal
chr10	53600001	53700000	0.036	1.329	normal

chr10	53700001	53800000	0.056	1.387	normal
chr10	53800001	53900000	0.074	1.576	normal
chr10	53900001	54000000	0.014	1.020	normal
chr10	54000001	54100000	0.052	1.304	normal
chr10	54100001	54200000	0.013	0.950	normal
chr10	54200001	54300000	0.060	0.864	normal
chr10	54300001	54400000	0.028	0.938	normal
chr10	54400001	54500000	0.037	1.287	normal
chr10	54500001	54600000	0.048	1.083	normal
chr10	54600001	54700000	0.036	1.117	normal
chr10	54700001	54800000	0.064	1.099	normal
chr10	54800001	54900000	0.041	0.712	normal
chr10	54900001	55000000	0.043	0.938	normal
chr10	55000001	55100000	0.038	1.247	normal
chr10	55100001	55200000	0.057	1.276	normal
chr10	55200001	55300000	0.068	1.141	normal
chr10	55300001	55400000	0.037	1.080	normal
chr11	1	100000	0.020	1.085	normal
chr11	100001	200000	0.018	1.146	normal
chr11	200001	300000	0.019	0.967	normal
chr11	300001	400000	0.026	0.928	normal
chr11	400001	500000	0.030	1.031	normal
chr11	500001	600000	0.039	1.093	normal
chr11	600001	700000	0.049	0.873	normal
chr11	700001	800000	0.069	1.243	normal
chr11	800001	900000	0.029	0.984	normal
chr11	900001	1000000	0.048	0.947	normal
chr11	1000001	1100000	0.041	1.009	normal
chr11	1100001	1200000	0.053	0.913	normal
chr11	1200001	1300000	0.048	0.925	normal
chr11	1300001	1400000	0.041	1.023	normal
chr11	1400001	1500000	0.046	1.119	normal
chr11	1500001	1600000	0.060	0.976	normal
chr11	1600001	1700000	0.085	1.081	normal
chr11	1700001	1800000	0.036	1.087	normal
chr11	1800001	1900000	0.029	1.037	normal
chr11	1900001	2000000	0.065	0.982	normal
chr11	2000001	2100000	0.081	1.059	normal
chr11	2100001	2200000	0.065	0.956	normal
chr11	2200001	2300000	0.060	1.534	normal
chr11	2300001	2400000	0.017	1.011	normal
chr11	2400001	2500000	0.049	0.824	normal
chr11	2500001	2600000	0.024	1.095	normal
chr11	2600001	2700000	0.040	1.003	normal

chr11	2700001	2800000	0.031	1.102	normal
chr11	2800001	2900000	0.030	1.041	normal
chr11	2900001	3000000	0.017	1.193	normal
chr11	3000001	3100000	0.092	1.072	normal
chr11	3100001	3200000	0.064	1.248	normal
chr11	3200001	3300000	0.026	1.111	normal
chr11	3300001	3400000	0.047	1.306	normal
chr11	3400001	3500000	0.043	1.081	normal
chr11	3500001	3600000	0.039	0.891	normal
chr11	3600001	3700000	0.034	0.999	normal
chr11	3700001	3800000	0.066	1.003	normal
chr11	3800001	3900000	0.057	1.157	normal
chr11	3900001	4000000	0.032	1.073	normal
chr11	4000001	4100000	0.034	1.065	normal
chr11	4100001	4200000	0.020	1.003	normal
chr11	4200001	4300000	0.101	0.744	normal
chr11	4300001	4400000	0.038	1.150	normal
chr11	4400001	4500000	0.063	0.939	normal
chr11	4500001	4600000	0.027	1.092	normal
chr11	4600001	4700000	0.035	1.319	normal
chr11	4700001	4800000	0.045	1.486	normal
chr11	4800001	4900000	0.039	1.179	normal
chr11	4900001	5000000	0.064	1.087	normal
chr11	5000001	5100000	0.062	1.047	normal
chr11	5100001	5200000	0.074	1.149	normal
chr11	5200001	5300000	0.038	0.981	normal
chr11	5300001	5400000	0.054	0.921	normal
chr11	5400001	5500000	0.041	1.036	normal
chr11	5500001	5600000	0.072	1.205	normal
chr11	5600001	5700000	0.081	0.924	normal
chr11	5700001	5800000	0.061	1.184	normal
chr11	5800001	5900000	0.112	0.483	normal
chr11	5900001	6000000	0.055	1.001	normal
chr11	6000001	6100000	0.074	1.257	normal
chr11	6100001	6200000	0.050	1.071	normal
chr11	6200001	6300000	0.077	1.147	normal
chr11	6300001	6400000	0.084	0.996	normal
chr11	6400001	6500000	0.087	1.182	normal
chr11	6500001	6600000	0.072	0.889	normal
chr11	6600001	6700000	0.034	1.073	normal
chr11	6700001	6800000	0.026	1.052	normal
chr11	6800001	6900000	0.027	0.931	normal
chr11	6900001	7000000	0.035	1.033	normal
chr11	7000001	7100000	0.007	1.009	normal

chr11	7100001	7200000	0.039	1.089	normal
chr11	7200001	7300000	0.077	0.773	normal
chr11	7300001	7400000	0.057	1.001	normal
chr11	7400001	7500000	0.061	1.107	normal
chr11	7500001	7600000	0.035	0.897	normal
chr11	7600001	7700000	0.028	0.962	normal
chr11	7700001	7800000	0.034	1.020	normal
chr11	7800001	7900000	0.061	0.957	normal
chr11	7900001	8000000	0.057	1.148	normal
chr11	8000001	8100000	0.036	1.039	normal
chr11	8100001	8200000	0.021	0.999	normal
chr11	8200001	8300000	0.035	1.000	normal
chr11	8300001	8400000	0.054	0.878	normal
chr11	8400001	8500000	0.057	1.191	normal
chr11	8500001	8600000	0.025	1.074	normal
chr11	8600001	8700000	0.027	0.939	normal
chr11	8700001	8800000	0.023	0.937	normal
chr11	8800001	8900000	0.030	0.813	normal
chr11	8900001	9000000	0.059	1.063	normal
chr11	9000001	9100000	0.096	0.799	normal
chr11	9100001	9200000	0.072	0.850	normal
chr11	9200001	9300000	0.069	0.896	normal
chr11	9300001	9400000	0.065	0.803	normal
chr11	9400001	9500000	0.073	0.947	normal
chr11	9500001	9600000	0.078	0.872	normal
chr11	9600001	9700000	0.032	0.920	normal
chr11	9700001	9800000	0.046	0.909	normal
chr11	9800001	9900000	0.048	0.933	normal
chr11	9900001	10000000	0.046	0.723	normal
chr11	10000001	10100000	0.049	0.918	normal
chr11	10100001	10200000	0.118	0.853	normal
chr11	10200001	10300000	0.048	0.989	normal
chr11	10300001	10400000	0.084	0.787	normal
chr11	10400001	10500000	0.120	1.889	normal
chr11	10500001	10600000	0.087	1.173	normal
chr11	10600001	10700000	0.061	0.955	normal
chr11	10700001	10800000	0.071	1.085	normal
chr11	10800001	10900000	0.104	0.900	normal
chr11	10900001	11000000	0.087	1.519	normal
chr11	11000001	11100000	0.121	1.104	normal
chr11	11100001	11200000	0.081	1.783	normal
chr11	11200001	11300000	0.117	0.968	normal
chr11	11300001	11400000	0.090	1.086	normal
chr11	11400001	11500000	0.093	1.162	normal

chr11	11500001	11600000	0.088	0.925	normal
chr11	11600001	11700000	0.072	0.954	normal
chr11	11700001	11800000	0.121	0.929	normal
chr11	11800001	11900000	0.097	1.035	normal
chr11	11900001	12000000	0.089	1.003	normal
chr11	12000001	12100000	0.098	1.045	normal
chr11	12100001	12200000	0.070	0.974	normal
chr11	12200001	12300000	0.103	0.903	normal
chr11	12300001	12400000	0.080	0.917	normal
chr11	12400001	12500000	0.089	0.933	normal
chr11	12500001	12600000	0.100	0.864	normal
chr11	12600001	12700000	0.056	1.038	normal
chr11	12700001	12800000	0.045	0.893	normal
chr11	12800001	12900000	0.076	1.127	normal
chr11	12900001	13000000	0.029	1.191	normal
chr11	13000001	13100000	0.104	1.277	normal
chr11	13100001	13200000	0.117	1.319	normal
chr11	13200001	13300000	0.124	1.123	normal
chr11	13300001	13400000	0.144	0.946	normal
chr11	13400001	13500000	0.116	0.909	normal
chr11	13500001	13600000	0.161	0.739	normal
chr11	13600001	13700000	0.139	0.859	normal
chr11	13700001	13800000	0.118	1.011	normal
chr11	13800001	13900000	0.077	1.010	normal
chr11	13900001	14000000	0.099	1.056	normal
chr11	14000001	14100000	0.083	1.010	normal
chr11	14100001	14200000	0.076	1.088	normal
chr11	14200001	14300000	0.123	0.890	normal
chr11	14300001	14400000	0.108	0.920	normal
chr11	14400001	14500000	0.138	0.970	normal
chr11	14500001	14600000	0.150	1.225	normal
chr11	14600001	14700000	0.229	0.878	normal
chr11	14700001	14800000	0.246	0.804	normal
chr11	14800001	14900000	0.211	0.858	normal
chr11	14900001	15000000	0.237	0.790	normal
chr11	15000001	15100000	0.235	0.799	normal
chr11	15100001	15200000	0.199	0.836	normal
chr11	15200001	15300000	0.076	1.120	normal
chr11	15300001	15400000	0.093	1.004	normal
chr11	15400001	15500000	0.099	0.945	normal
chr11	15500001	15600000	0.168	1.297	normal
chr11	15600001	15700000	0.081	0.971	normal
chr11	15700001	15800000	0.134	0.645	normal
chr11	15800001	15900000	0.103	0.916	normal

chr11	15900001	16000000	0.032	1.257	normal
chr11	16000001	16100000	0.020	1.079	normal
chr11	16100001	16200000	0.045	1.111	normal
chr11	16200001	16300000	0.078	0.983	normal
chr11	16300001	16400000	0.100	1.278	normal
chr11	16400001	16500000	0.187	1.854	sig
chr11	16500001	16600000	0.167	2.202	sig
chr11	16600001	16700000	0.144	0.727	normal
chr11	16700001	16800000	-0.003	1.017	normal
chr11	16800001	16900000	-0.005	1.027	normal
chr11	16900001	17000000	0.116	0.721	normal
chr11	17000001	17100000	0.111	0.970	normal
chr11	17100001	17200000	0.108	1.027	normal
chr11	17200001	17300000	0.107	1.083	normal
chr11	17300001	17400000	0.115	0.985	normal
chr11	17400001	17500000	0.168	1.717	sig
chr11	17500001	17600000	0.129	0.886	normal
chr11	17600001	17700000	0.055	1.285	normal
chr11	17700001	17800000	0.230	1.988	sig
chr11	17800001	17900000	0.054	1.058	normal
chr11	17900001	18000000	0.092	0.787	normal
chr11	18000001	18100000	0.102	1.001	normal
chr11	18100001	18200000	0.098	0.928	normal
chr11	18200001	18300000	0.228	0.809	normal
chr11	18300001	18400000	0.211	1.110	normal
chr11	18400001	18500000	0.066	1.033	normal
chr11	18500001	18600000	0.126	1.483	normal
chr11	18600001	18700000	0.092	1.092	normal
chr11	18700001	18800000	0.140	0.741	normal
chr11	18800001	18900000	0.175	0.697	normal
chr11	18900001	19000000	0.071	0.921	normal
chr11	19000001	19100000	0.096	1.093	normal
chr11	19100001	19200000	0.089	0.880	normal
chr11	19200001	19300000	0.148	0.637	normal
chr11	19300001	19400000	0.091	0.833	normal
chr11	19400001	19500000	0.089	0.844	normal
chr11	19500001	19600000	0.127	0.644	normal
chr11	19600001	19700000	0.102	1.147	normal
chr11	19700001	19800000	0.114	0.756	normal
chr11	19800001	19900000	0.127	0.668	normal
chr11	19900001	20000000	0.010	0.982	normal
chr11	20000001	20100000	0.028	1.166	normal
chr11	20100001	20200000	0.047	1.110	normal
chr11	20200001	20300000	0.085	0.949	normal

chr11	20300001	20400000	0.162	0.931	normal
chr11	20400001	20500000	0.141	0.873	normal
chr11	20500001	20600000	0.062	1.326	normal
chr11	20600001	20700000	0.021	1.172	normal
chr11	20700001	20800000	0.035	1.020	normal
chr11	20800001	20900000	0.062	0.957	normal
chr11	20900001	21000000	0.088	1.267	normal
chr11	21000001	21100000	0.098	0.834	normal
chr11	21100001	21200000	0.027	1.049	normal
chr11	21200001	21300000	0.009	0.997	normal
chr11	21300001	21400000	0.011	1.005	normal
chr11	21400001	21500000	0.078	1.325	normal
chr11	21500001	21600000	0.082	1.174	normal
chr11	21600001	21700000	0.105	1.199	normal
chr11	21700001	21800000	0.083	1.247	normal
chr11	21800001	21900000	0.104	1.099	normal
chr11	21900001	22000000	0.131	1.126	normal
chr11	22000001	22100000	0.146	1.088	normal
chr11	22100001	22200000	0.151	0.830	normal
chr11	22200001	22300000	0.137	1.035	normal
chr11	22300001	22400000	0.078	1.006	normal
chr11	22400001	22500000	0.100	0.919	normal
chr11	22500001	22600000	0.180	0.914	normal
chr11	22600001	22700000	0.140	1.215	normal
chr11	22700001	22800000	0.137	0.814	normal
chr11	22800001	22900000	0.071	0.791	normal
chr11	22900001	23000000	0.115	0.933	normal
chr11	23000001	23100000	0.120	0.992	normal
chr11	23100001	23200000	0.162	1.527	sig
chr11	23200001	23300000	0.204	1.767	sig
chr11	23300001	23400000	0.124	0.975	normal
chr11	23400001	23500000	0.162	0.829	normal
chr11	23500001	23600000	0.163	1.066	normal
chr11	23600001	23700000	0.124	0.854	normal
chr11	23700001	23800000	0.128	0.996	normal
chr11	23800001	23900000	0.172	1.162	normal
chr11	23900001	24000000	0.117	1.093	normal
chr11	24000001	24100000	0.194	0.878	normal
chr11	24100001	24200000	0.143	0.629	normal
chr11	24200001	24300000	0.126	0.764	normal
chr11	24300001	24400000	0.061	1.213	normal
chr11	24400001	24500000	0.066	1.234	normal
chr11	24500001	24600000	0.060	0.993	normal
chr11	24600001	24700000	0.070	0.908	normal

chr11	24700001	24800000	0.075	0.860	normal
chr11	24800001	24900000	0.083	0.859	normal
chr11	24900001	25000000	0.077	0.937	normal
chr11	25000001	25100000	0.120	0.993	normal
chr11	25100001	25200000	0.070	0.926	normal
chr11	25200001	25300000	0.149	0.693	normal
chr11	25300001	25400000	0.182	0.608	normal
chr11	25400001	25500000	0.225	0.479	normal
chr11	25500001	25600000	0.089	0.773	normal
chr11	25600001	25700000	0.050	1.062	normal
chr11	25700001	25800000	0.084	0.915	normal
chr11	25800001	25900000	0.103	1.025	normal
chr11	25900001	26000000	0.135	0.833	normal
chr11	26000001	26100000	0.152	0.854	normal
chr11	26100001	26200000	0.137	0.796	normal
chr11	26200001	26300000	0.070	0.983	normal
chr11	26300001	26400000	0.071	1.032	normal
chr11	26400001	26500000	0.079	0.883	normal
chr11	26500001	26600000	0.197	1.026	normal
chr11	26600001	26700000	0.105	0.973	normal
chr11	26700001	26800000	0.093	0.916	normal
chr11	26800001	26900000	0.100	1.003	normal
chr11	26900001	27000000	0.090	1.146	normal
chr11	27000001	27100000	0.072	1.432	normal
chr11	27100001	27200000	0.044	1.099	normal
chr11	27200001	27300000	0.081	1.181	normal
chr11	27300001	27400000	0.123	1.098	normal
chr11	27400001	27500000	0.093	1.064	normal
chr11	27500001	27600000	0.105	1.021	normal
chr11	27600001	27700000	0.101	1.161	normal
chr11	27700001	27800000	0.193	0.865	normal
chr11	27800001	27900000	0.056	0.930	normal
chr11	27900001	28000000	0.154	0.624	normal
chr11	28000001	28100000	0.227	0.542	normal
chr11	28100001	28200000	0.135	0.959	normal
chr11	28200001	28300000	0.160	1.013	normal
chr11	28300001	28400000	0.059	0.828	normal
chr11	28400001	28500000	0.174	1.844	sig
chr11	28500001	28600000	0.160	1.765	sig
chr11	28600001	28700000	0.101	0.927	normal
chr11	28700001	28800000	0.115	0.810	normal
chr11	28800001	28900000	0.134	0.932	normal
chr11	28900001	29000000	0.126	1.412	normal
chr11	29000001	29100000	0.173	1.039	normal

chr11	29100001	29200000	0.116	1.259	normal
chr11	29200001	29300000	0.029	0.922	normal
chr11	29300001	29400000	0.100	0.928	normal
chr11	29400001	29500000	0.111	1.331	normal
chr11	29500001	29600000	0.107	1.732	normal
chr11	29600001	29700000	0.120	0.529	normal
chr11	29700001	29800000	0.090	0.825	normal
chr11	29800001	29900000	0.059	0.935	normal
chr11	29900001	30000000	0.113	0.989	normal
chr11	30000001	30100000	0.120	1.381	normal
chr11	30100001	30200000	0.117	0.933	normal
chr11	30200001	30300000	0.089	0.884	normal
chr11	30300001	30400000	0.155	1.723	sig
chr11	30400001	30500000	0.072	1.136	normal
chr11	30500001	30600000	0.090	0.908	normal
chr11	30600001	30700000	0.021	0.855	normal
chr11	30700001	30800000	0.058	0.885	normal
chr11	30800001	30900000	0.072	1.174	normal
chr11	30900001	31000000	0.078	0.989	normal
chr11	31000001	31100000	0.317	0.902	normal
chr11	31100001	31200000	0.169	0.944	normal
chr11	31200001	31300000	0.104	1.111	normal
chr11	31300001	31400000	0.060	1.188	normal
chr11	31400001	31500000	0.042	1.205	normal
chr11	31500001	31600000	0.121	0.707	normal
chr11	31600001	31700000	0.239	0.927	normal
chr11	31700001	31800000	0.252	1.123	normal
chr11	31800001	31900000	0.145	0.832	normal
chr11	31900001	32000000	0.155	1.096	normal
chr11	32000001	32100000	0.138	0.925	normal
chr11	32100001	32200000	0.142	1.081	normal
chr11	32200001	32300000	0.054	1.047	normal
chr11	32300001	32400000	0.121	0.776	normal
chr11	32400001	32500000	0.115	0.764	normal
chr11	32500001	32600000	0.121	0.834	normal
chr11	32600001	32700000	0.078	0.942	normal
chr11	32700001	32800000	0.121	0.819	normal
chr11	32800001	32900000	0.071	1.128	normal
chr11	32900001	33000000	0.108	1.097	normal
chr11	33000001	33100000	0.097	0.895	normal
chr11	33100001	33200000	0.083	0.740	normal
chr11	33200001	33300000	0.129	0.663	normal
chr11	33300001	33400000	0.148	0.784	normal
chr11	33400001	33500000	0.067	0.779	normal

chr11	33500001	33600000	0.120	1.056	normal
chr11	33600001	33700000	0.098	0.980	normal
chr11	33700001	33800000	0.124	0.698	normal
chr11	33800001	33900000	0.101	1.008	normal
chr11	33900001	34000000	0.175	0.642	normal
chr11	34000001	34100000	0.092	0.803	normal
chr11	34100001	34200000	0.050	0.947	normal
chr11	34200001	34300000	0.085	0.842	normal
chr11	34300001	34400000	0.045	1.118	normal
chr11	34400001	34500000	0.050	0.955	normal
chr11	34500001	34600000	0.079	0.954	normal
chr11	34600001	34700000	0.080	0.846	normal
chr11	34700001	34800000	0.074	1.019	normal
chr11	34800001	34900000	0.065	0.949	normal
chr11	34900001	35000000	0.053	1.193	normal
chr11	35000001	35100000	0.096	0.489	normal
chr11	35100001	35200000	0.059	0.979	normal
chr11	35200001	35300000	0.056	0.941	normal
chr11	35300001	35400000	0.099	0.828	normal
chr11	35400001	35500000	0.082	0.738	normal
chr11	35500001	35600000	0.081	0.977	normal
chr11	35600001	35700000	0.105	0.916	normal
chr11	35700001	35800000	0.022	0.856	normal
chr11	35800001	35900000	0.092	0.693	normal
chr11	35900001	36000000	0.103	0.846	normal
chr11	36000001	36100000	0.088	0.979	normal
chr11	36100001	36200000	0.102	1.099	normal
chr11	36200001	36300000	0.082	0.966	normal
chr11	36300001	36400000	0.036	0.905	normal
chr11	36400001	36500000	0.068	0.729	normal
chr11	36500001	36600000	0.090	0.830	normal
chr11	36600001	36700000	0.129	0.739	normal
chr11	36700001	36800000	0.124	0.797	normal
chr11	36800001	36900000	0.141	0.508	normal
chr11	36900001	37000000	0.105	0.928	normal
chr11	37000001	37100000	0.098	0.698	normal
chr11	37100001	37200000	0.074	0.870	normal
chr11	37200001	37300000	0.079	0.856	normal
chr11	37300001	37400000	0.042	1.058	normal
chr11	37400001	37500000	0.060	1.090	normal
chr11	37500001	37600000	0.088	0.847	normal
chr11	37600001	37700000	0.124	0.979	normal
chr11	37700001	37800000	0.080	1.582	normal
chr11	37800001	37900000	0.072	1.175	normal

chr11	37900001	38000000	0.087	1.015	normal
chr11	38000001	38100000	0.096	1.049	normal
chr11	38100001	38200000	0.123	0.909	normal
chr11	38200001	38300000	0.160	0.617	normal
chr11	38300001	38400000	0.255	0.448	normal
chr11	38400001	38500000	0.054	1.153	normal
chr11	38500001	38600000	0.082	1.425	normal
chr11	38600001	38700000	0.046	0.954	normal
chr11	38700001	38800000	0.055	1.051	normal
chr11	38800001	38900000	0.093	0.773	normal
chr11	38900001	39000000	0.069	1.197	normal
chr11	39000001	39100000	0.216	0.627	normal
chr11	39100001	39200000	0.190	0.647	normal
chr11	39200001	39300000	0.142	0.735	normal
chr11	39300001	39400000	0.115	1.089	normal
chr11	39400001	39500000	0.039	0.715	normal
chr11	39500001	39600000	0.044	1.052	normal
chr11	39600001	39700000	0.180	1.322	normal
chr11	39700001	39800000	0.265	1.488	normal
chr11	39800001	39900000	0.273	1.483	normal
chr11	39900001	40000000	0.179	1.220	normal
chr11	40000001	40100000	0.095	1.130	normal
chr11	40100001	40200000	0.076	1.112	normal
chr11	40200001	40300000	0.099	0.869	normal
chr11	40300001	40400000	0.135	0.723	normal
chr11	40400001	40500000	0.120	0.872	normal
chr11	40500001	40600000	0.046	0.980	normal
chr11	40600001	40700000	0.097	1.046	normal
chr11	40700001	40800000	0.137	0.793	normal
chr11	40800001	40900000	0.165	0.751	normal
chr11	40900001	41000000	0.094	1.032	normal
chr11	41000001	41100000	0.142	0.913	normal
chr11	41100001	41200000	0.081	0.866	normal
chr11	41200001	41300000	0.077	0.915	normal
chr11	41300001	41400000	0.134	1.025	normal
chr11	41400001	41500000	0.208	0.724	normal
chr11	41500001	41600000	0.082	1.054	normal
chr11	41600001	41700000	0.084	0.933	normal
chr11	41700001	41800000	0.051	0.897	normal
chr11	41800001	41900000	0.073	0.840	normal
chr11	41900001	42000000	0.126	0.785	normal
chr11	42000001	42100000	0.058	1.007	normal
chr11	42100001	42200000	0.039	1.061	normal
chr11	42200001	42300000	0.145	0.970	normal

chr11	42300001	42400000	0.062	1.323	normal
chr11	42400001	42500000	0.129	1.629	normal
chr11	42500001	42600000	0.116	0.937	normal
chr11	42600001	42700000	0.215	0.423	normal
chr11	42700001	42800000	0.192	0.694	normal
chr11	42800001	42900000	0.125	1.108	normal
chr11	42900001	43000000	0.144	1.338	normal
chr11	43000001	43100000	0.080	0.941	normal
chr11	43100001	43200000	0.156	0.933	normal
chr11	43200001	43300000	0.111	1.258	normal
chr11	43300001	43400000	0.113	1.397	normal
chr11	43400001	43500000	0.094	1.136	normal
chr11	43500001	43600000	0.100	1.436	normal
chr11	43600001	43700000	0.229	0.648	normal
chr11	43700001	43800000	0.312	0.309	normal
chr11	43800001	43900000	0.147	0.898	normal
chr11	43900001	44000000	0.145	0.867	normal
chr11	44000001	44100000	0.104	0.838	normal
chr11	44100001	44200000	0.110	1.217	normal
chr11	44200001	44300000	0.132	0.971	normal
chr11	44300001	44400000	0.219	1.136	normal
chr11	44400001	44500000	0.082	1.139	normal
chr11	44500001	44600000	0.099	0.868	normal
chr11	44600001	44700000	0.043	1.085	normal
chr11	44700001	44800000	0.097	1.139	normal
chr11	44800001	44900000	0.163	0.770	normal
chr11	44900001	45000000	0.099	1.584	normal
chr11	45000001	45100000	0.149	1.037	normal
chr11	45100001	45200000	0.168	1.119	normal
chr11	45200001	45300000	0.096	1.120	normal
chr11	45300001	45400000	0.083	0.995	normal
chr11	45400001	45500000	0.075	1.209	normal
chr11	45500001	45600000	0.080	1.570	normal
chr11	45600001	45700000	0.079	0.970	normal
chr11	45700001	45800000	0.074	1.017	normal
chr11	45800001	45900000	0.144	1.318	normal
chr11	45900001	46000000	0.153	0.900	normal
chr12	1	100000	0.017	1.160	normal
chr12	100001	200000	0.038	0.944	normal
chr12	200001	300000	0.100	0.830	normal
chr12	300001	400000	0.085	0.866	normal
chr12	400001	500000	0.098	0.581	normal
chr12	500001	600000	0.095	1.024	normal
chr12	600001	700000	0.131	0.803	normal

chr12	700001	800000	0.173	0.633	normal
chr12	800001	900000	0.108	0.687	normal
chr12	900001	1000000	0.125	1.119	normal
chr12	1000001	1100000	0.083	0.896	normal
chr12	1100001	1200000	0.141	1.038	normal
chr12	1200001	1300000	0.059	0.831	normal
chr12	1300001	1400000	0.089	0.841	normal
chr12	1400001	1500000	0.058	1.018	normal
chr12	1500001	1600000	0.089	1.454	normal
chr12	1600001	1700000	0.126	0.841	normal
chr12	1700001	1800000	0.195	2.619	sig
chr12	1800001	1900000	0.079	3.351	normal
chr12	1900001	2000000	0.086	2.490	normal
chr12	2000001	2100000	0.076	0.801	normal
chr12	2100001	2200000	0.139	0.744	normal
chr12	2200001	2300000	0.118	1.210	normal
chr12	2300001	2400000	0.122	1.378	normal
chr12	2400001	2500000	0.100	0.911	normal
chr12	2500001	2600000	0.089	1.901	normal
chr12	2600001	2700000	0.069	0.924	normal
chr12	2700001	2800000	0.079	1.035	normal
chr12	2800001	2900000	0.110	1.407	normal
chr12	2900001	3000000	0.113	0.808	normal
chr12	3000001	3100000	0.104	1.054	normal
chr12	3100001	3200000	0.101	1.191	normal
chr12	3200001	3300000	0.070	1.144	normal
chr12	3300001	3400000	0.043	0.988	normal
chr12	3400001	3500000	0.029	0.929	normal
chr12	3500001	3600000	0.057	0.968	normal
chr12	3600001	3700000	0.049	0.971	normal
chr12	3700001	3800000	0.063	1.045	normal
chr12	3800001	3900000	0.068	0.941	normal
chr12	3900001	4000000	0.113	0.796	normal
chr12	4000001	4100000	0.112	0.991	normal
chr12	4100001	4200000	0.083	1.098	normal
chr12	4200001	4300000	0.082	1.057	normal
chr12	4300001	4400000	0.135	0.904	normal
chr12	4400001	4500000	0.111	1.011	normal
chr12	4500001	4600000	0.139	1.276	normal
chr12	4600001	4700000	0.107	1.320	normal
chr12	4700001	4800000	0.048	1.476	normal
chr12	4800001	4900000	0.081	0.875	normal
chr12	4900001	5000000	0.145	0.896	normal
chr12	5000001	5100000	0.126	0.901	normal

chr12	5100001	5200000	0.133	1.053	normal
chr12	5200001	5300000	0.057	1.331	normal
chr12	5300001	5400000	0.041	1.244	normal
chr12	5400001	5500000	0.047	0.888	normal
chr12	5500001	5600000	0.044	0.850	normal
chr12	5600001	5700000	0.039	1.080	normal
chr12	5700001	5800000	0.046	0.820	normal
chr12	5800001	5900000	0.021	0.829	normal
chr12	5900001	6000000	0.036	0.798	normal
chr12	6000001	6100000	0.037	0.682	normal
chr12	6100001	6200000	0.026	1.166	normal
chr12	6200001	6300000	0.038	0.889	normal
chr12	6300001	6400000	0.042	0.953	normal
chr12	6400001	6500000	0.041	1.010	normal
chr12	6500001	6600000	0.048	0.921	normal
chr12	6600001	6700000	0.035	1.099	normal
chr12	6700001	6800000	0.044	1.019	normal
chr12	6800001	6900000	0.057	0.988	normal
chr12	6900001	7000000	0.049	1.220	normal
chr12	7000001	7100000	0.022	1.219	normal
chr12	7100001	7200000	0.032	1.075	normal
chr12	7200001	7300000	0.011	0.972	normal
chr12	7300001	7400000	0.023	0.972	normal
chr12	7400001	7500000	0.040	0.817	normal
chr12	7500001	7600000	0.032	1.097	normal
chr12	7600001	7700000	0.039	0.725	normal
chr12	7700001	7800000	0.025	1.047	normal
chr12	7800001	7900000	0.042	1.308	normal
chr12	7900001	8000000	0.029	1.427	normal
chr12	8000001	8100000	0.043	1.001	normal
chr12	8100001	8200000	0.042	1.237	normal
chr12	8200001	8300000	0.068	1.451	normal
chr12	8300001	8400000	0.048	1.082	normal
chr12	8400001	8500000	0.062	0.938	normal
chr12	8500001	8600000	0.005	0.996	normal
chr12	8600001	8700000	0.039	1.093	normal
chr12	8700001	8800000	0.048	1.065	normal
chr12	8800001	8900000	0.010	1.026	normal
chr12	8900001	9000000	0.019	0.985	normal
chr12	9000001	9100000	0.079	0.986	normal
chr12	9100001	9200000	0.090	1.245	normal
chr12	9200001	9300000	0.065	1.759	normal
chr12	9300001	9400000	0.087	0.931	normal
chr12	9400001	9500000	0.135	0.815	normal

chr12	9500001	9600000	0.121	1.028	normal
chr12	9600001	9700000	0.083	1.399	normal
chr12	9700001	9800000	0.104	2.057	normal
chr12	9800001	9900000	0.079	0.927	normal
chr12	9900001	10000000	0.047	1.042	normal
chr12	10000001	10100000	0.050	1.051	normal
chr12	10100001	10200000	0.087	0.963	normal
chr12	10200001	10300000	0.164	1.554	sig
chr12	10300001	10400000	0.031	0.886	normal
chr12	10400001	10500000	0.089	0.713	normal
chr12	10500001	10600000	0.094	1.033	normal
chr12	10600001	10700000	0.025	1.029	normal
chr12	10700001	10800000	0.041	1.100	normal
chr12	10800001	10900000	0.032	1.249	normal
chr12	10900001	11000000	0.041	1.287	normal
chr12	11000001	11100000	0.046	1.646	normal
chr12	11100001	11200000	0.060	1.266	normal
chr12	11200001	11300000	0.131	0.737	normal
chr12	11300001	11400000	0.043	0.998	normal
chr12	11400001	11500000	0.040	1.221	normal
chr12	11500001	11600000	0.053	1.064	normal
chr12	11600001	11700000	0.021	1.106	normal
chr12	11700001	11800000	0.082	1.038	normal
chr12	11800001	11900000	0.060	1.112	normal
chr12	11900001	12000000	0.063	0.725	normal
chr12	12000001	12100000	0.080	0.948	normal
chr12	12100001	12200000	0.036	1.000	normal
chr12	12200001	12300000	0.087	1.160	normal
chr12	12300001	12400000	0.076	1.100	normal
chr12	12400001	12500000	0.075	1.112	normal
chr12	12500001	12600000	0.099	1.353	normal
chr12	12600001	12700000	0.066	1.161	normal
chr12	12700001	12800000	0.099	1.137	normal
chr12	12800001	12900000	0.141	1.753	normal
chr12	12900001	13000000	0.107	1.283	normal
chr12	13000001	13100000	0.081	1.223	normal
chr12	13100001	13200000	0.105	1.098	normal
chr12	13200001	13300000	0.068	1.043	normal
chr12	13300001	13400000	0.059	0.954	normal
chr12	13400001	13500000	0.090	1.007	normal
chr12	13500001	13600000	0.070	1.093	normal
chr12	13600001	13700000	0.049	0.961	normal
chr12	13700001	13800000	0.066	1.141	normal
chr12	13800001	13900000	0.091	1.113	normal

chr12	13900001	14000000	0.102	1.323	normal
chr12	14000001	14100000	0.057	1.365	normal
chr12	14100001	14200000	0.123	0.981	normal
chr12	14200001	14300000	0.083	1.371	normal
chr12	14300001	14400000	0.054	1.451	normal
chr12	14400001	14500000	0.040	1.358	normal
chr12	14500001	14600000	0.033	1.319	normal
chr12	14600001	14700000	0.057	1.294	normal
chr12	14700001	14800000	0.078	1.144	normal
chr12	14800001	14900000	0.081	1.154	normal
chr12	14900001	15000000	0.084	1.236	normal
chr12	15000001	15100000	0.088	1.036	normal
chr12	15100001	15200000	0.102	1.304	normal
chr12	15200001	15300000	0.154	1.251	normal
chr12	15300001	15400000	0.128	0.877	normal
chr12	15400001	15500000	0.101	1.017	normal
chr12	15500001	15600000	0.075	1.117	normal
chr12	15600001	15700000	0.061	1.093	normal
chr12	15700001	15800000	0.066	1.029	normal
chr12	15800001	15900000	0.045	1.030	normal
chr12	15900001	16000000	0.047	0.957	normal
chr12	16000001	16100000	0.115	1.268	normal
chr12	16100001	16200000	0.085	1.658	normal
chr12	16200001	16300000	0.089	1.083	normal
chr12	16300001	16400000	0.060	0.987	normal
chr12	16400001	16500000	0.046	1.003	normal
chr12	16500001	16600000	0.061	0.948	normal
chr12	16600001	16700000	0.048	1.410	normal
chr12	16700001	16800000	0.064	1.607	normal
chr12	16800001	16900000	0.083	1.142	normal
chr12	16900001	17000000	0.165	0.518	normal
chr12	17000001	17100000	0.060	0.951	normal
chr12	17100001	17200000	0.042	1.024	normal
chr12	17200001	17300000	0.048	1.090	normal
chr12	17300001	17400000	0.063	1.187	normal
chr12	17400001	17500000	0.058	1.042	normal
chr12	17500001	17600000	0.084	1.351	normal
chr12	17600001	17700000	0.113	2.471	normal
chr12	17700001	17800000	0.137	2.138	normal
chr12	17800001	17900000	0.065	1.118	normal
chr12	17900001	18000000	0.048	1.490	normal
chr12	18000001	18100000	0.039	1.308	normal
chr12	18100001	18200000	0.038	1.037	normal
chr12	18200001	18300000	0.063	1.165	normal

chr12	18300001	18400000	0.016	1.043	normal
chr12	18400001	18500000	0.061	1.205	normal
chr12	18500001	18600000	0.084	1.326	normal
chr12	18600001	18700000	0.126	0.870	normal
chr12	18700001	18800000	0.056	1.124	normal
chr12	18800001	18900000	0.057	1.362	normal
chr12	18900001	19000000	0.045	2.284	normal
chr12	19000001	19100000	0.048	1.131	normal
chr12	19100001	19200000	0.025	0.975	normal
chr12	19200001	19300000	0.040	1.056	normal
chr12	19300001	19400000	0.060	1.033	normal
chr12	19400001	19500000	0.048	1.006	normal
chr12	19500001	19600000	0.084	1.004	normal
chr12	19600001	19700000	0.149	1.270	normal
chr12	19700001	19800000	0.081	0.881	normal
chr12	19800001	19900000	0.044	0.690	normal
chr12	19900001	20000000	0.172	1.126	normal
chr12	20000001	20100000	0.137	1.274	normal
chr12	20100001	20200000	0.068	1.033	normal
chr12	20200001	20300000	0.106	0.977	normal
chr12	20300001	20400000	0.104	1.007	normal
chr12	20400001	20500000	0.044	1.187	normal
chr12	20500001	20600000	0.015	1.042	normal
chr12	20600001	20700000	0.015	0.963	normal
chr12	20700001	20800000	0.020	1.099	normal
chr12	20800001	20900000	0.073	1.840	normal
chr12	20900001	21000000	0.043	1.315	normal
chr12	21000001	21100000	0.031	1.041	normal
chr12	21100001	21200000	0.089	1.444	normal
chr12	21200001	21300000	0.039	1.146	normal
chr12	21300001	21400000	0.072	1.855	normal
chr12	21400001	21500000	0.088	2.160	normal
chr12	21500001	21600000	0.031	0.903	normal
chr12	21600001	21700000	0.015	0.715	normal
chr12	21700001	21800000	0.019	0.789	normal
chr12	21800001	21900000	0.031	0.846	normal
chr12	21900001	22000000	0.058	0.974	normal
chr12	22000001	22100000	0.035	1.391	normal
chr12	22100001	22200000	0.009	1.203	normal
chr12	22200001	22300000	0.015	1.082	normal
chr12	22300001	22400000	0.058	1.037	normal
chr12	22400001	22500000	0.101	0.976	normal
chr12	22500001	22600000	0.107	1.118	normal
chr12	22600001	22700000	0.154	1.393	normal

chr12	22700001	22800000	0.031	1.130	normal
chr12	22800001	22900000	0.112	1.088	normal
chr12	22900001	23000000	0.110	0.913	normal
chr12	23000001	23100000	0.026	0.929	normal
chr12	23100001	23200000	0.020	0.883	normal
chr12	23200001	23300000	0.043	0.956	normal
chr12	23300001	23400000	0.049	0.916	normal
chr12	23400001	23500000	0.091	0.970	normal
chr12	23500001	23600000	0.198	0.871	normal
chr12	23600001	23700000	0.141	1.254	normal
chr12	23700001	23800000	0.045	1.093	normal
chr12	23800001	23900000	0.049	1.075	normal
chr12	23900001	24000000	0.075	0.869	normal
chr12	24000001	24100000	0.075	0.958	normal
chr12	24100001	24200000	0.070	1.182	normal
chr12	24200001	24300000	0.125	1.076	normal
chr12	24300001	24400000	0.119	1.025	normal
chr12	24400001	24500000	0.096	1.160	normal
chr12	24500001	24600000	0.077	1.084	normal
chr12	24600001	24700000	0.205	0.576	normal
chr12	24700001	24800000	0.208	1.625	sig
chr12	24800001	24900000	0.049	1.337	normal
chr12	24900001	25000000	0.056	1.781	normal
chr12	25000001	25100000	0.096	1.389	normal
chr12	25100001	25200000	0.236	0.965	normal
chr12	25200001	25300000	0.103	0.983	normal
chr12	25300001	25400000	0.044	1.409	normal
chr12	25400001	25500000	0.089	0.901	normal
chr12	25500001	25600000	0.084	1.055	normal
chr12	25600001	25700000	0.109	0.891	normal
chr12	25700001	25800000	0.105	0.932	normal
chr12	25800001	25900000	0.108	1.223	normal
chr12	25900001	26000000	0.045	1.134	normal
chr12	26000001	26100000	0.065	1.199	normal
chr12	26100001	26200000	0.069	1.125	normal
chr12	26200001	26300000	0.214	0.545	normal
chr12	26300001	26400000	0.050	1.866	normal
chr12	26400001	26500000	0.104	1.102	normal
chr12	26500001	26600000	0.072	0.938	normal
chr12	26600001	26700000	0.054	1.082	normal
chr12	26700001	26800000	0.086	1.148	normal
chr12	26800001	26900000	0.079	0.781	normal
chr12	26900001	27000000	0.047	1.153	normal
chr12	27000001	27100000	0.080	0.919	normal

chr12	27100001	27200000	0.078	0.999	normal
chr12	27200001	27300000	0.048	1.000	normal
chr12	27300001	27400000	0.100	1.344	normal
chr12	27400001	27500000	0.181	0.856	normal
chr12	27500001	27600000	0.049	0.937	normal
chr12	27600001	27700000	0.050	0.935	normal
chr12	27700001	27800000	0.144	0.576	normal
chr12	27800001	27900000	0.040	0.871	normal
chr12	27900001	28000000	0.066	0.881	normal
chr12	28000001	28100000	0.124	0.713	normal
chr12	28100001	28200000	0.109	1.036	normal
chr12	28200001	28300000	0.095	0.953	normal
chr12	28300001	28400000	0.061	1.596	normal
chr12	28400001	28500000	0.203	0.608	normal
chr12	28500001	28600000	0.069	1.476	normal
chr12	28600001	28700000	0.042	0.958	normal
chr12	28700001	28800000	0.135	1.039	normal
chr12	28800001	28900000	0.079	1.084	normal
chr12	28900001	29000000	0.088	1.554	normal
chr12	29000001	29100000	0.125	1.811	normal
chr12	29100001	29200000	0.126	0.966	normal
chr12	29200001	29300000	0.102	0.947	normal
chr12	29300001	29400000	0.202	0.471	normal
chr12	29400001	29500000	0.104	1.232	normal
chr12	29500001	29600000	0.100	1.112	normal
chr12	29600001	29700000	0.093	0.970	normal
chr12	29700001	29800000	0.106	1.172	normal
chr12	29800001	29900000	0.069	1.309	normal
chr12	29900001	30000000	0.033	1.103	normal
chr12	30000001	30100000	0.093	1.362	normal
chr12	30100001	30200000	0.085	1.188	normal
chr12	30200001	30300000	0.091	1.078	normal
chr12	30300001	30400000	0.044	1.097	normal
chr12	30400001	30500000	0.071	0.956	normal
chr12	30500001	30600000	0.053	1.062	normal
chr12	30600001	30700000	0.072	0.887	normal
chr12	30700001	30800000	0.100	0.906	normal
chr12	30800001	30900000	0.032	1.128	normal
chr12	30900001	31000000	0.037	1.115	normal
chr12	31000001	31100000	0.051	1.373	normal
chr12	31100001	31200000	0.022	1.354	normal
chr12	31200001	31300000	0.024	1.032	normal
chr12	31300001	31400000	0.031	1.348	normal
chr12	31400001	31500000	0.023	1.264	normal

chr12	31500001	31600000	0.031	1.158	normal
chr12	31600001	31700000	0.042	1.035	normal
chr12	31700001	31800000	0.053	0.869	normal
chr12	31800001	31900000	0.042	0.970	normal
chr12	31900001	32000000	0.034	1.089	normal
chr12	32000001	32100000	0.050	1.040	normal
chr12	32100001	32200000	0.108	1.955	normal
chr12	32200001	32300000	0.071	1.439	normal
chr12	32300001	32400000	0.070	1.166	normal
chr12	32400001	32500000	0.085	1.330	normal
chr12	32500001	32600000	0.019	1.099	normal
chr12	32600001	32700000	0.062	1.110	normal
chr12	32700001	32800000	0.029	1.210	normal
chr12	32800001	32900000	0.099	1.029	normal
chr12	32900001	33000000	0.075	1.022	normal
chr12	33000001	33100000	0.128	0.851	normal
chr12	33100001	33200000	0.066	0.838	normal
chr12	33200001	33300000	0.089	0.707	normal
chr12	33300001	33400000	0.074	0.910	normal
chr12	33400001	33500000	0.063	1.069	normal
chr12	33500001	33600000	0.061	1.120	normal
chr12	33600001	33700000	0.076	1.275	normal
chr12	33700001	33800000	0.048	1.205	normal
chr12	33800001	33900000	0.036	0.892	normal
chr12	33900001	34000000	0.109	0.898	normal
chr12	34000001	34100000	0.058	0.941	normal
chr12	34100001	34200000	0.068	1.023	normal
chr12	34200001	34300000	0.072	1.130	normal
chr12	34300001	34400000	0.079	1.057	normal
chr12	34400001	34500000	0.091	1.344	normal
chr12	34500001	34600000	0.060	1.078	normal
chr12	34600001	34700000	0.126	0.971	normal
chr12	34700001	34800000	0.053	1.204	normal
chr12	34800001	34900000	0.094	0.937	normal
chr12	34900001	35000000	0.105	1.245	normal
chr12	35000001	35100000	0.072	1.087	normal
chr12	35100001	35200000	0.075	1.360	normal
chr12	35200001	35300000	0.040	1.052	normal
chr12	35300001	35400000	0.052	0.973	normal
chr12	35400001	35500000	0.091	1.071	normal
chr12	35500001	35600000	0.083	1.307	normal
chr12	35600001	35700000	0.046	1.097	normal
chr12	35700001	35800000	0.047	1.086	normal
chr12	35800001	35900000	0.071	1.012	normal

chr12	35900001	36000000	0.094	0.840	normal
chr12	36000001	36100000	0.056	0.919	normal
chr12	36100001	36200000	0.081	0.955	normal
chr12	36200001	36300000	0.111	0.799	normal
chr12	36300001	36400000	0.119	0.758	normal
chr12	36400001	36500000	0.054	1.004	normal
chr12	36500001	36600000	0.052	1.230	normal
chr12	36600001	36700000	0.046	1.117	normal
chr12	36700001	36800000	0.088	0.838	normal
chr12	36800001	36900000	0.063	1.112	normal
chr12	36900001	37000000	0.073	1.084	normal
chr12	37000001	37100000	0.056	1.572	normal
chr12	37100001	37200000	0.055	1.064	normal
chr12	37200001	37300000	0.104	0.821	normal
chr12	37300001	37400000	0.115	0.882	normal
chr12	37400001	37500000	0.070	1.005	normal
chr12	37500001	37600000	0.109	0.826	normal
chr12	37600001	37700000	0.074	0.998	normal
chr12	37700001	37800000	0.107	0.949	normal
chr12	37800001	37900000	0.080	0.931	normal
chr12	37900001	38000000	0.071	1.071	normal
chr12	38000001	38100000	0.136	0.884	normal
chr12	38100001	38200000	0.111	1.242	normal
chr12	38200001	38300000	0.081	0.816	normal
chr12	38300001	38400000	0.122	0.939	normal
chr12	38400001	38500000	0.102	1.010	normal
chr12	38500001	38600000	0.242	0.593	normal
chr12	38600001	38700000	0.142	0.750	normal
chr12	38700001	38800000	0.157	0.771	normal
chr12	38800001	38900000	0.079	0.970	normal
chr12	38900001	39000000	0.097	1.018	normal
chr12	39000001	39100000	0.060	1.016	normal
chr12	39100001	39200000	0.072	0.947	normal
chr12	39200001	39300000	0.109	0.884	normal
chr12	39300001	39400000	0.075	0.912	normal
chr12	39400001	39500000	0.263	0.602	normal
chr12	39500001	39600000	0.062	0.649	normal
chr12	39600001	39700000	0.088	1.070	normal
chr12	39700001	39800000	0.095	1.156	normal
chr12	39800001	39900000	0.043	1.454	normal
chr12	39900001	40000000	0.034	1.013	normal
chr12	40000001	40100000	0.121	1.233	normal
chr12	40100001	40200000	0.101	1.014	normal
chr12	40200001	40300000	0.076	0.965	normal

chr12	40300001	40400000	0.059	1.885	normal
chr12	40400001	40500000	0.109	0.915	normal
chr12	40500001	40600000	0.089	0.846	normal
chr12	40600001	40700000	0.081	0.668	normal
chr12	40700001	40800000	0.065	0.889	normal
chr12	40800001	40900000	0.057	0.980	normal
chr12	40900001	41000000	0.029	1.073	normal
chr12	41000001	41100000	0.074	0.811	normal
chr12	41100001	41200000	0.055	0.861	normal
chr12	41200001	41300000	0.038	0.994	normal
chr12	41300001	41400000	0.053	0.910	normal
chr12	41400001	41500000	0.027	0.957	normal
chr12	41500001	41600000	0.003	0.950	normal
chr12	41600001	41700000	0.046	1.031	normal
chr12	41700001	41800000	0.064	0.945	normal
chr12	41800001	41900000	0.017	0.884	normal
chr12	41900001	42000000	0.050	0.964	normal
chr12	42000001	42100000	0.073	0.990	normal
chr12	42100001	42200000	0.048	1.015	normal
chr12	42200001	42300000	0.025	1.160	normal
chr12	42300001	42400000	0.053	1.081	normal
chr12	42400001	42500000	0.079	0.924	normal
chr12	42500001	42600000	0.036	1.171	normal
chr12	42600001	42700000	-0.001	1.059	normal
chr12	42700001	42800000	0.121	1.135	normal
chr12	42800001	42900000	0.133	1.327	normal
chr12	42900001	43000000	0.085	1.095	normal
chr12	43000001	43100000	0.076	1.386	normal
chr12	43100001	43200000	0.080	1.136	normal
chr12	43200001	43300000	0.055	1.073	normal
chr12	43300001	43400000	0.031	1.045	normal
chr12	43400001	43500000	0.061	1.098	normal
chr12	43500001	43600000	0.097	1.167	normal
chr12	43600001	43700000	0.087	0.932	normal
chr12	43700001	43800000	0.074	1.082	normal
chr12	43800001	43900000	0.112	1.091	normal
chr12	43900001	44000000	0.164	1.023	normal
chr12	44000001	44100000	0.060	1.155	normal
chr12	44100001	44200000	0.103	1.007	normal
chr12	44200001	44300000	0.050	1.079	normal
chr12	44300001	44400000	0.055	1.098	normal
chr12	44400001	44500000	0.125	3.049	normal
chr12	44500001	44600000	0.069	1.491	normal
chr12	44600001	44700000	0.116	1.120	normal

chr12	44700001	44800000	0.121	0.899	normal
chr13	1	100000	0.033	1.337	normal
chr13	100001	200000	0.021	1.447	normal
chr13	200001	300000	0.044	1.291	normal
chr13	300001	400000	0.035	1.095	normal
chr13	400001	500000	0.085	0.701	normal
chr13	500001	600000	0.032	0.988	normal
chr13	600001	700000	0.029	1.049	normal
chr13	700001	800000	0.050	1.029	normal
chr13	800001	900000	0.046	1.077	normal
chr13	900001	1000000	0.033	1.057	normal
chr13	1000001	1100000	0.026	1.235	normal
chr13	1100001	1200000	0.026	1.496	normal
chr13	1200001	1300000	0.021	1.227	normal
chr13	1300001	1400000	0.065	1.559	normal
chr13	1400001	1500000	0.034	1.147	normal
chr13	1500001	1600000	0.041	1.344	normal
chr13	1600001	1700000	0.057	1.164	normal
chr13	1700001	1800000	0.045	1.067	normal
chr13	1800001	1900000	0.044	1.157	normal
chr13	1900001	2000000	0.048	1.340	normal
chr13	2000001	2100000	0.031	1.197	normal
chr13	2100001	2200000	0.041	1.201	normal
chr13	2200001	2300000	0.014	1.179	normal
chr13	2300001	2400000	0.061	1.308	normal
chr13	2400001	2500000	0.044	0.997	normal
chr13	2500001	2600000	0.034	1.160	normal
chr13	2600001	2700000	0.034	1.198	normal
chr13	2700001	2800000	0.036	1.159	normal
chr13	2800001	2900000	0.022	0.986	normal
chr13	2900001	3000000	0.008	1.047	normal
chr13	3000001	3100000	0.014	1.099	normal
chr13	3100001	3200000	0.037	1.066	normal
chr13	3200001	3300000	0.039	1.150	normal
chr13	3300001	3400000	0.124	1.453	normal
chr13	3400001	3500000	0.035	1.050	normal
chr13	3500001	3600000	0.016	1.031	normal
chr13	3600001	3700000	0.022	1.162	normal
chr13	3700001	3800000	0.032	0.988	normal
chr13	3800001	3900000	0.031	1.265	normal
chr13	3900001	4000000	0.043	1.705	normal
chr13	4000001	4100000	0.034	1.494	normal
chr13	4100001	4200000	0.034	1.314	normal
chr13	4200001	4300000	0.044	1.068	normal

chr13	4300001	4400000	0.079	1.412	normal
chr13	4400001	4500000	0.054	1.430	normal
chr13	4500001	4600000	0.079	1.144	normal
chr13	4600001	4700000	0.103	0.934	normal
chr13	4700001	4800000	0.045	1.037	normal
chr13	4800001	4900000	0.057	0.778	normal
chr13	4900001	5000000	0.084	1.139	normal
chr13	5000001	5100000	0.065	0.813	normal
chr13	5100001	5200000	0.026	1.121	normal
chr13	5200001	5300000	0.044	1.376	normal
chr13	5300001	5400000	0.033	1.206	normal
chr13	5400001	5500000	0.057	1.038	normal
chr13	5500001	5600000	0.101	1.161	normal
chr13	5600001	5700000	0.132	1.219	normal
chr13	5700001	5800000	0.079	1.437	normal
chr13	5800001	5900000	0.081	0.828	normal
chr13	5900001	6000000	0.056	1.082	normal
chr13	6000001	6100000	0.058	1.362	normal
chr13	6100001	6200000	0.073	1.504	normal
chr13	6200001	6300000	0.045	1.336	normal
chr13	6300001	6400000	0.079	1.076	normal
chr13	6400001	6500000	0.133	1.073	normal
chr13	6500001	6600000	0.155	0.680	normal
chr13	6600001	6700000	0.088	1.041	normal
chr13	6700001	6800000	0.077	1.337	normal
chr13	6800001	6900000	0.048	1.098	normal
chr13	6900001	7000000	0.085	0.826	normal
chr13	7000001	7100000	0.075	0.970	normal
chr13	7100001	7200000	0.091	0.889	normal
chr13	7200001	7300000	0.170	0.596	normal
chr13	7300001	7400000	0.034	1.116	normal
chr13	7400001	7500000	0.093	0.594	normal
chr13	7500001	7600000	0.090	0.693	normal
chr13	7600001	7700000	0.079	0.872	normal
chr13	7700001	7800000	0.072	0.903	normal
chr13	7800001	7900000	0.017	1.081	normal
chr13	7900001	8000000	0.027	0.969	normal
chr13	8000001	8100000	0.004	1.062	normal
chr13	8100001	8200000	0.048	1.164	normal
chr13	8200001	8300000	0.059	1.918	normal
chr13	8300001	8400000	0.034	1.119	normal
chr13	8400001	8500000	0.031	1.131	normal
chr13	8500001	8600000	0.022	0.952	normal
chr13	8600001	8700000	0.022	1.142	normal

chr13	8700001	8800000	0.053	0.834	normal
chr13	8800001	8900000	0.052	0.993	normal
chr13	8900001	9000000	0.065	1.060	normal
chr13	9000001	9100000	0.046	1.174	normal
chr13	9100001	9200000	0.010	1.068	normal
chr13	9200001	9300000	0.041	1.020	normal
chr13	9300001	9400000	0.092	1.205	normal
chr13	9400001	9500000	0.075	1.149	normal
chr13	9500001	9600000	0.028	0.803	normal
chr13	9600001	9700000	0.046	0.961	normal
chr13	9700001	9800000	0.147	0.599	normal
chr13	9800001	9900000	0.099	0.950	normal
chr13	9900001	10000000	0.078	1.158	normal
chr13	10000001	10100000	0.046	1.119	normal
chr13	10100001	10200000	0.037	0.905	normal
chr13	10200001	10300000	0.031	1.025	normal
chr13	10300001	10400000	0.060	1.216	normal
chr13	10400001	10500000	0.041	1.097	normal
chr13	10500001	10600000	0.067	1.148	normal
chr13	10600001	10700000	0.054	0.800	normal
chr13	10700001	10800000	0.035	1.257	normal
chr13	10800001	10900000	0.092	0.760	normal
chr13	10900001	11000000	0.118	0.670	normal
chr13	11000001	11100000	0.044	1.100	normal
chr13	11100001	11200000	0.048	1.026	normal
chr13	11200001	11300000	0.053	1.815	normal
chr13	11300001	11400000	0.016	0.910	normal
chr13	11400001	11500000	0.032	0.971	normal
chr13	11500001	11600000	0.066	1.694	normal
chr13	11600001	11700000	0.073	1.465	normal
chr13	11700001	11800000	0.085	0.796	normal
chr13	11800001	11900000	0.110	1.227	normal
chr13	11900001	12000000	0.080	0.968	normal
chr13	12000001	12100000	0.030	1.131	normal
chr13	12100001	12200000	0.042	1.069	normal
chr13	12200001	12300000	0.075	0.905	normal
chr13	12300001	12400000	0.079	1.169	normal
chr13	12400001	12500000	0.031	0.969	normal
chr13	12500001	12600000	0.052	1.517	normal
chr13	12600001	12700000	0.109	1.165	normal
chr13	12700001	12800000	0.202	0.899	normal
chr13	12800001	12900000	0.147	0.722	normal
chr13	12900001	13000000	0.054	1.009	normal
chr13	13000001	13100000	0.065	1.089	normal

chr13	13100001	13200000	0.068	1.213	normal
chr13	13200001	13300000	0.104	1.164	normal
chr13	13300001	13400000	0.148	0.998	normal
chr13	13400001	13500000	0.101	1.047	normal
chr13	13500001	13600000	0.095	1.049	normal
chr13	13600001	13700000	0.101	1.079	normal
chr13	13700001	13800000	0.092	0.798	normal
chr13	13800001	13900000	0.044	0.763	normal
chr13	13900001	14000000	0.033	1.036	normal
chr13	14000001	14100000	0.021	1.244	normal
chr13	14100001	14200000	0.054	1.628	normal
chr13	14200001	14300000	0.031	0.956	normal
chr13	14300001	14400000	0.047	0.806	normal
chr13	14400001	14500000	0.064	0.848	normal
chr13	14500001	14600000	0.068	1.015	normal
chr13	14600001	14700000	0.057	0.989	normal
chr13	14700001	14800000	0.100	0.808	normal
chr13	14800001	14900000	0.066	1.500	normal
chr13	14900001	15000000	0.107	1.631	normal
chr13	15000001	15100000	0.090	0.802	normal
chr13	15100001	15200000	0.060	0.963	normal
chr13	15200001	15300000	0.058	1.548	normal
chr13	15300001	15400000	0.039	1.130	normal
chr13	15400001	15500000	0.039	1.050	normal
chr13	15500001	15600000	0.039	1.080	normal
chr13	15600001	15700000	0.064	1.117	normal
chr13	15700001	15800000	0.071	0.790	normal
chr13	15800001	15900000	0.076	0.715	normal
chr13	15900001	16000000	0.076	1.012	normal
chr13	16000001	16100000	0.047	1.130	normal
chr13	16100001	16200000	0.057	1.330	normal
chr13	16200001	16300000	0.060	1.208	normal
chr13	16300001	16400000	0.043	1.187	normal
chr13	16400001	16500000	0.066	1.476	normal
chr13	16500001	16600000	0.059	1.449	normal
chr13	16600001	16700000	0.060	1.403	normal
chr13	16700001	16800000	0.060	1.272	normal
chr13	16800001	16900000	0.051	1.271	normal
chr13	16900001	17000000	0.055	1.298	normal
chr13	17000001	17100000	0.060	1.248	normal
chr13	17100001	17200000	0.066	0.886	normal
chr13	17200001	17300000	0.073	0.954	normal
chr13	17300001	17400000	0.048	1.021	normal
chr13	17400001	17500000	0.040	1.071	normal

chr13	17500001	17600000	0.094	1.108	normal
chr13	17600001	17700000	0.151	0.927	normal
chr13	17700001	17800000	0.066	0.957	normal
chr13	17800001	17900000	0.027	1.022	normal
chr13	17900001	18000000	0.007	0.986	normal
chr13	18000001	18100000	0.019	1.029	normal
chr13	18100001	18200000	0.037	1.069	normal
chr13	18200001	18300000	0.057	1.019	normal
chr13	18300001	18400000	0.034	1.130	normal
chr13	18400001	18500000	0.029	1.054	normal
chr13	18500001	18600000	0.034	0.891	normal
chr13	18600001	18700000	0.017	0.978	normal
chr13	18700001	18800000	0.071	1.806	normal
chr13	18800001	18900000	0.037	1.039	normal
chr13	18900001	19000000	0.168	0.291	normal
chr13	19000001	19100000	0.031	1.095	normal
chr13	19100001	19200000	0.051	1.076	normal
chr13	19200001	19300000	0.051	1.289	normal
chr13	19300001	19400000	0.060	1.368	normal
chr13	19400001	19500000	0.056	0.462	normal
chr13	19500001	19600000	0.027	0.959	normal
chr13	19600001	19700000	0.047	1.010	normal
chr13	19700001	19800000	0.045	1.100	normal
chr13	19800001	19900000	0.036	1.286	normal
chr13	19900001	20000000	0.041	1.345	normal
chr13	20000001	20100000	0.053	1.412	normal
chr13	20100001	20200000	0.055	1.437	normal
chr13	20200001	20300000	0.060	1.343	normal
chr13	20300001	20400000	0.055	1.314	normal
chr13	20400001	20500000	0.057	1.401	normal
chr13	20500001	20600000	0.082	1.529	normal
chr13	20600001	20700000	0.104	1.816	normal
chr13	20700001	20800000	0.064	0.923	normal
chr13	20800001	20900000	0.043	0.554	normal
chr13	20900001	21000000	0.080	1.316	normal
chr13	21000001	21100000	0.090	1.469	normal
chr13	21100001	21200000	0.062	1.369	normal
chr13	21200001	21300000	0.059	1.327	normal
chr13	21300001	21400000	0.032	0.919	normal
chr13	21400001	21500000	0.042	1.227	normal
chr13	21500001	21600000	0.012	1.049	normal
chr13	21600001	21700000	0.000	0.980	normal
chr13	21700001	21800000	0.075	1.019	normal
chr13	21800001	21900000	0.065	1.167	normal

chr13	21900001	22000000	0.140	0.799	normal
chr13	22000001	22100000	0.050	1.227	normal
chr13	22100001	22200000	0.027	1.603	normal
chr13	22200001	22300000	0.055	1.534	normal
chr13	22300001	22400000	0.070	1.686	normal
chr13	22400001	22500000	0.060	1.602	normal
chr13	22500001	22600000	0.092	1.572	normal
chr13	22600001	22700000	0.069	1.354	normal
chr13	22700001	22800000	0.044	1.020	normal
chr13	22800001	22900000	0.030	0.846	normal
chr13	22900001	23000000	0.030	0.842	normal
chr13	23000001	23100000	0.115	0.715	normal
chr13	23100001	23200000	0.110	0.835	normal
chr13	23200001	23300000	0.099	0.867	normal
chr13	23300001	23400000	0.075	0.995	normal
chr13	23400001	23500000	0.059	1.156	normal
chr13	23500001	23600000	0.062	1.865	normal
chr13	23600001	23700000	0.035	1.241	normal
chr13	23700001	23800000	0.026	1.013	normal
chr13	23800001	23900000	0.055	1.300	normal
chr13	23900001	24000000	0.025	1.063	normal
chr13	24000001	24100000	0.049	0.991	normal
chr13	24100001	24200000	0.066	0.919	normal
chr13	24200001	24300000	0.073	1.798	normal
chr13	24300001	24400000	0.029	1.090	normal
chr13	24400001	24500000	0.073	1.220	normal
chr13	24500001	24600000	0.059	0.924	normal
chr13	24600001	24700000	0.075	0.738	normal
chr13	24700001	24800000	0.189	1.198	normal
chr13	24800001	24900000	0.084	0.979	normal
chr13	24900001	25000000	0.063	0.978	normal
chr13	25000001	25100000	0.050	1.318	normal
chr13	25100001	25200000	0.075	1.365	normal
chr13	25200001	25300000	0.021	0.900	normal
chr13	25300001	25400000	0.062	1.552	normal
chr13	25400001	25500000	0.046	1.203	normal
chr13	25500001	25600000	0.044	1.005	normal
chr13	25600001	25700000	0.063	0.996	normal
chr13	25700001	25800000	0.021	0.913	normal
chr13	25800001	25900000	0.107	0.614	normal
chr13	25900001	26000000	0.053	1.182	normal
chr13	26000001	26100000	0.052	0.640	normal
chr13	26100001	26200000	0.036	1.038	normal
chr13	26200001	26300000	0.093	0.666	normal

chr13	26300001	26400000	0.052	0.778	normal
chr13	26400001	26500000	0.043	1.045	normal
chr13	26500001	26600000	0.029	1.122	normal
chr13	26600001	26700000	0.087	1.453	normal
chr13	26700001	26800000	0.113	1.320	normal
chr13	26800001	26900000	0.075	1.678	normal
chr13	26900001	27000000	0.070	0.937	normal
chr13	27000001	27100000	0.023	1.050	normal
chr13	27100001	27200000	0.039	1.059	normal
chr13	27200001	27300000	0.045	1.283	normal
chr13	27300001	27400000	0.078	1.338	normal
chr13	27400001	27500000	0.043	1.098	normal
chr13	27500001	27600000	0.059	1.151	normal
chr13	27600001	27700000	0.032	1.135	normal
chr13	27700001	27800000	0.041	0.992	normal
chr13	27800001	27900000	0.045	0.989	normal
chr13	27900001	28000000	0.085	1.018	normal
chr13	28000001	28100000	0.090	1.141	normal
chr13	28100001	28200000	0.110	1.278	normal
chr13	28200001	28300000	0.072	1.475	normal
chr13	28300001	28400000	0.062	1.104	normal
chr13	28400001	28500000	0.063	1.487	normal
chr13	28500001	28600000	0.062	1.190	normal
chr13	28600001	28700000	0.061	0.752	normal
chr13	28700001	28800000	0.070	1.031	normal
chr13	28800001	28900000	0.071	1.070	normal
chr13	28900001	29000000	0.032	1.004	normal
chr13	29000001	29100000	0.052	1.193	normal
chr13	29100001	29200000	0.075	1.036	normal
chr13	29200001	29300000	0.082	0.881	normal
chr13	29300001	29400000	0.059	1.236	normal
chr13	29400001	29500000	0.037	1.179	normal
chr13	29500001	29600000	0.040	0.959	normal
chr13	29600001	29700000	0.059	2.022	normal
chr13	29700001	29800000	0.057	1.537	normal
chr13	29800001	29900000	0.052	1.321	normal
chr13	29900001	30000000	0.040	0.945	normal
chr13	30000001	30100000	0.032	1.032	normal
chr13	30100001	30200000	0.039	1.014	normal
chr13	30200001	30300000	0.014	1.071	normal
chr13	30300001	30400000	0.066	1.058	normal
chr13	30400001	30500000	0.042	0.969	normal
chr13	30500001	30600000	0.048	1.070	normal
chr13	30600001	30700000	0.060	1.032	normal

chr13	30700001	30800000	0.032	0.961	normal
chr13	30800001	30900000	0.037	0.940	normal
chr13	30900001	31000000	0.027	1.003	normal
chr13	31000001	31100000	0.056	1.070	normal
chr13	31100001	31200000	0.065	1.200	normal
chr13	31200001	31300000	0.060	1.162	normal
chr13	31300001	31400000	0.035	1.042	normal
chr13	31400001	31500000	0.045	1.048	normal
chr13	31500001	31600000	0.044	0.947	normal
chr13	31600001	31700000	0.057	1.237	normal
chr13	31700001	31800000	0.066	1.073	normal
chr13	31800001	31900000	0.078	0.918	normal
chr13	31900001	32000000	0.056	1.025	normal
chr13	32000001	32100000	0.090	1.440	normal
chr13	32100001	32200000	0.061	1.063	normal
chr13	32200001	32300000	0.076	0.904	normal
chr13	32300001	32400000	0.040	1.033	normal
chr13	32400001	32500000	0.047	0.915	normal
chr13	32500001	32600000	0.065	1.509	normal
chr13	32600001	32700000	0.054	0.994	normal
chr13	32700001	32800000	0.051	1.052	normal
chr13	32800001	32900000	0.076	1.305	normal
chr13	32900001	33000000	0.073	1.196	normal
chr13	33000001	33100000	0.069	1.214	normal
chr13	33100001	33200000	0.050	1.146	normal
chr13	33200001	33300000	0.069	1.074	normal
chr13	33300001	33400000	0.053	1.073	normal
chr13	33400001	33500000	0.052	1.100	normal
chr13	33500001	33600000	0.060	1.301	normal
chr13	33600001	33700000	0.040	1.183	normal
chr13	33700001	33800000	0.019	1.219	normal
chr13	33800001	33900000	0.014	1.047	normal
chr13	33900001	34000000	0.021	1.028	normal
chr13	34000001	34100000	0.026	1.098	normal
chr13	34100001	34200000	0.013	1.085	normal
chr13	34200001	34300000	0.025	1.022	normal
chr13	34300001	34400000	0.025	1.036	normal
chr13	34400001	34500000	0.050	1.065	normal
chr13	34500001	34600000	0.050	0.976	normal
chr13	34600001	34700000	0.050	1.376	normal
chr13	34700001	34800000	0.074	1.434	normal
chr13	34800001	34900000	0.051	1.584	normal
chr13	34900001	35000000	0.040	1.285	normal
chr13	35000001	35100000	0.018	1.102	normal

chr13	35100001	35200000	0.062	1.167	normal
chr13	35200001	35300000	0.070	1.030	normal
chr13	35300001	35400000	0.034	1.059	normal
chr13	35400001	35500000	0.032	0.960	normal
chr13	35500001	35600000	0.054	1.284	normal
chr13	35600001	35700000	0.027	1.532	normal
chr13	35700001	35800000	0.062	1.435	normal
chr13	35800001	35900000	0.063	1.808	normal
chr13	35900001	36000000	0.031	1.323	normal
chr13	36000001	36100000	0.037	1.391	normal
chr13	36100001	36200000	0.085	0.987	normal
chr13	36200001	36300000	0.042	1.157	normal
chr13	36300001	36400000	0.042	1.107	normal
chr13	36400001	36500000	0.052	1.069	normal
chr13	36500001	36600000	0.037	1.119	normal
chr13	36600001	36700000	0.038	1.074	normal
chr13	36700001	36800000	0.036	1.076	normal
chr13	36800001	36900000	0.047	1.102	normal
chr13	36900001	37000000	0.064	1.406	normal
chr13	37000001	37100000	0.063	1.758	normal
chr13	37100001	37200000	0.032	1.089	normal
chr13	37200001	37300000	0.034	1.251	normal
chr13	37300001	37400000	0.059	1.184	normal
chr13	37400001	37500000	0.036	1.009	normal
chr13	37500001	37600000	0.056	1.749	normal
chr13	37600001	37700000	0.059	1.142	normal
chr13	37700001	37800000	0.067	3.026	normal
chr13	37800001	37900000	0.029	1.194	normal
chr13	37900001	38000000	0.022	1.140	normal
chr13	38000001	38100000	0.053	1.231	normal
chr13	38100001	38200000	0.021	1.229	normal
chr13	38200001	38300000	0.041	1.067	normal
chr13	38300001	38400000	0.079	1.071	normal
chr13	38400001	38500000	0.066	1.176	normal
chr13	38500001	38600000	0.085	0.884	normal
chr13	38600001	38700000	0.082	0.920	normal
chr13	38700001	38800000	0.067	1.490	normal
chr13	38800001	38900000	0.049	1.096	normal
chr13	38900001	39000000	0.089	0.984	normal
chr13	39000001	39100000	0.109	0.888	normal
chr13	39100001	39200000	0.047	1.507	normal
chr13	39200001	39300000	0.078	1.280	normal
chr13	39300001	39400000	0.101	0.986	normal
chr13	39400001	39500000	0.085	1.205	normal

chr13	39500001	39600000	0.065	1.151	normal
chr13	39600001	39700000	0.073	1.084	normal
chr13	39700001	39800000	0.094	1.158	normal
chr13	39800001	39900000	0.088	1.294	normal
chr13	39900001	40000000	0.108	1.332	normal
chr13	40000001	40100000	0.128	1.892	normal
chr13	40100001	40200000	0.037	1.138	normal
chr13	40200001	40300000	0.094	0.859	normal
chr13	40300001	40400000	0.176	0.665	normal
chr13	40400001	40500000	0.060	1.044	normal
chr13	40500001	40600000	0.027	1.018	normal
chr13	40600001	40700000	0.099	0.806	normal
chr13	40700001	40800000	0.067	0.888	normal
chr13	40800001	40900000	0.065	0.881	normal
chr14	1	100000	0.033	1.258	normal
chr14	100001	200000	0.063	1.332	normal
chr14	200001	300000	0.082	1.108	normal
chr14	300001	400000	0.057	1.376	normal
chr14	400001	500000	0.072	1.459	normal
chr14	500001	600000	0.061	1.569	normal
chr14	600001	700000	0.080	1.289	normal
chr14	700001	800000	0.072	1.104	normal
chr14	800001	900000	0.079	1.105	normal
chr14	900001	1000000	0.050	1.083	normal
chr14	1000001	1100000	0.098	1.016	normal
chr14	1100001	1200000	0.182	0.693	normal
chr14	1200001	1300000	0.211	0.671	normal
chr14	1300001	1400000	0.143	1.141	normal
chr14	1400001	1500000	0.100	1.144	normal
chr14	1500001	1600000	0.054	0.959	normal
chr14	1600001	1700000	0.014	0.976	normal
chr14	1700001	1800000	0.083	0.819	normal
chr14	1800001	1900000	0.065	0.813	normal
chr14	1900001	2000000	0.148	0.749	normal
chr14	2000001	2100000	0.121	1.127	normal
chr14	2100001	2200000	0.098	0.990	normal
chr14	2200001	2300000	0.061	1.015	normal
chr14	2300001	2400000	0.119	0.723	normal
chr14	2400001	2500000	0.095	0.849	normal
chr14	2500001	2600000	0.107	0.857	normal
chr14	2600001	2700000	0.214	0.507	normal
chr14	2700001	2800000	0.080	0.793	normal
chr14	2800001	2900000	0.121	1.018	normal
chr14	2900001	3000000	0.124	0.675	normal

chr14	3000001	3100000	0.105	0.905	normal
chr14	3100001	3200000	0.079	0.926	normal
chr14	3200001	3300000	0.078	0.889	normal
chr14	3300001	3400000	0.083	0.971	normal
chr14	3400001	3500000	0.079	0.906	normal
chr14	3500001	3600000	0.080	0.894	normal
chr14	3600001	3700000	0.086	0.972	normal
chr14	3700001	3800000	0.078	0.992	normal
chr14	3800001	3900000	0.127	0.967	normal
chr14	3900001	4000000	0.057	1.245	normal
chr14	4000001	4100000	0.087	0.986	normal
chr14	4100001	4200000	0.123	0.562	normal
chr14	4200001	4300000	0.081	0.986	normal
chr14	4300001	4400000	0.061	0.842	normal
chr14	4400001	4500000	0.057	1.028	normal
chr14	4500001	4600000	0.061	0.715	normal
chr14	4600001	4700000	0.051	1.240	normal
chr14	4700001	4800000	0.104	1.111	normal
chr14	4800001	4900000	0.107	0.843	normal
chr14	4900001	5000000	0.087	0.896	normal
chr14	5000001	5100000	0.087	0.892	normal
chr14	5100001	5200000	0.104	0.817	normal
chr14	5200001	5300000	0.078	1.071	normal
chr14	5300001	5400000	0.072	0.786	normal
chr14	5400001	5500000	0.074	0.967	normal
chr14	5500001	5600000	0.145	0.900	normal
chr14	5600001	5700000	0.051	1.008	normal
chr14	5700001	5800000	0.076	0.963	normal
chr14	5800001	5900000	0.121	0.907	normal
chr14	5900001	6000000	0.125	1.138	normal
chr14	6000001	6100000	0.131	0.928	normal
chr14	6100001	6200000	0.087	1.033	normal
chr14	6200001	6300000	0.139	0.824	normal
chr14	6300001	6400000	0.105	0.830	normal
chr14	6400001	6500000	0.107	0.774	normal
chr14	6500001	6600000	0.087	1.023	normal
chr14	6600001	6700000	0.095	1.146	normal
chr14	6700001	6800000	0.072	0.831	normal
chr14	6800001	6900000	0.076	1.000	normal
chr14	6900001	7000000	0.116	0.841	normal
chr14	7000001	7100000	0.144	0.907	normal
chr14	7100001	7200000	0.166	0.829	normal
chr14	7200001	7300000	0.115	0.963	normal
chr14	7300001	7400000	0.163	1.168	normal

chr14	7400001	7500000	0.095	1.084	normal
chr14	7500001	7600000	0.110	0.958	normal
chr14	7600001	7700000	0.181	0.936	normal
chr14	7700001	7800000	0.146	0.836	normal
chr14	7800001	7900000	0.057	1.282	normal
chr14	7900001	8000000	0.043	1.013	normal
chr14	8000001	8100000	0.091	1.011	normal
chr14	8100001	8200000	0.116	0.656	normal
chr14	8200001	8300000	0.107	1.003	normal
chr14	8300001	8400000	0.106	0.914	normal
chr14	8400001	8500000	0.144	0.828	normal
chr14	8500001	8600000	0.207	0.744	normal
chr14	8600001	8700000	0.319	0.717	normal
chr14	8700001	8800000	0.193	0.693	normal
chr14	8800001	8900000	0.135	1.667	normal
chr14	8900001	9000000	0.112	1.122	normal
chr14	9000001	9100000	0.150	0.565	normal
chr14	9100001	9200000	0.108	0.968	normal
chr14	9200001	9300000	0.227	0.706	normal
chr14	9300001	9400000	0.083	0.965	normal
chr14	9400001	9500000	0.050	0.915	normal
chr14	9500001	9600000	0.071	0.820	normal
chr14	9600001	9700000	0.044	1.012	normal
chr14	9700001	9800000	0.099	1.026	normal
chr14	9800001	9900000	0.121	0.920	normal
chr14	9900001	10000000	0.064	1.062	normal
chr14	10000001	10100000	0.085	0.899	normal
chr14	10100001	10200000	0.085	1.124	normal
chr14	10200001	10300000	0.119	0.777	normal
chr14	10300001	10400000	0.102	0.983	normal
chr14	10400001	10500000	0.126	0.867	normal
chr14	10500001	10600000	0.108	0.916	normal
chr14	10600001	10700000	0.082	0.969	normal
chr14	10700001	10800000	0.134	1.020	normal
chr14	10800001	10900000	0.139	0.885	normal
chr14	10900001	11000000	0.093	1.377	normal
chr14	11000001	11100000	0.083	1.081	normal
chr14	11100001	11200000	0.047	1.069	normal
chr14	11200001	11300000	0.054	1.043	normal
chr14	11300001	11400000	0.097	0.953	normal
chr14	11400001	11500000	0.072	1.039	normal
chr14	11500001	11600000	0.073	1.075	normal
chr14	11600001	11700000	0.067	1.050	normal
chr14	11700001	11800000	0.101	1.011	normal

chr14	11800001	11900000	0.022	1.021	normal
chr14	11900001	12000000	0.090	0.902	normal
chr14	12000001	12100000	0.052	0.979	normal
chr14	12100001	12200000	0.069	1.056	normal
chr14	12200001	12300000	0.085	1.056	normal
chr14	12300001	12400000	0.095	1.284	normal
chr14	12400001	12500000	0.097	1.427	normal
chr14	12500001	12600000	0.119	0.843	normal
chr14	12600001	12700000	0.124	1.057	normal
chr14	12700001	12800000	0.067	0.956	normal
chr14	12800001	12900000	0.060	0.965	normal
chr14	12900001	13000000	0.050	1.082	normal
chr14	13000001	13100000	0.038	1.093	normal
chr14	13100001	13200000	0.053	1.387	normal
chr14	13200001	13300000	0.072	2.049	normal
chr14	13300001	13400000	0.038	1.146	normal
chr14	13400001	13500000	0.058	1.116	normal
chr14	13500001	13600000	0.053	1.061	normal
chr14	13600001	13700000	0.089	0.938	normal
chr14	13700001	13800000	0.125	0.670	normal
chr14	13800001	13900000	0.108	1.306	normal
chr14	13900001	14000000	0.095	1.021	normal
chr14	14000001	14100000	0.105	1.541	normal
chr14	14100001	14200000	0.131	1.203	normal
chr14	14200001	14300000	0.125	0.983	normal
chr14	14300001	14400000	0.087	1.125	normal
chr14	14400001	14500000	0.089	0.890	normal
chr14	14500001	14600000	0.112	0.939	normal
chr14	14600001	14700000	0.080	0.980	normal
chr14	14700001	14800000	0.076	1.210	normal
chr14	14800001	14900000	0.108	0.751	normal
chr14	14900001	15000000	0.093	0.687	normal
chr14	15000001	15100000	0.146	0.693	normal
chr14	15100001	15200000	0.046	0.935	normal
chr14	15200001	15300000	0.075	1.000	normal
chr14	15300001	15400000	0.041	0.774	normal
chr14	15400001	15500000	0.080	0.861	normal
chr14	15500001	15600000	0.111	0.807	normal
chr14	15600001	15700000	0.157	1.286	normal
chr14	15700001	15800000	0.160	1.076	normal
chr14	15800001	15900000	0.050	0.888	normal
chr14	15900001	16000000	0.085	1.263	normal
chr14	16000001	16100000	0.064	1.001	normal
chr14	16100001	16200000	0.093	1.000	normal

chr14	16200001	16300000	0.128	0.723	normal
chr14	16300001	16400000	0.080	0.840	normal
chr14	16400001	16500000	0.147	0.876	normal
chr14	16500001	16600000	0.088	0.994	normal
chr14	16600001	16700000	0.081	0.861	normal
chr14	16700001	16800000	0.099	1.031	normal
chr14	16800001	16900000	0.122	1.029	normal
chr14	16900001	17000000	0.113	1.127	normal
chr14	17000001	17100000	0.111	1.074	normal
chr14	17100001	17200000	0.169	1.241	normal
chr14	17200001	17300000	0.121	1.136	normal
chr14	17300001	17400000	0.179	1.036	normal
chr14	17400001	17500000	0.132	0.719	normal
chr14	17500001	17600000	0.260	0.611	normal
chr14	17600001	17700000	0.227	0.567	normal
chr14	17700001	17800000	0.120	0.734	normal
chr14	17800001	17900000	0.090	0.999	normal
chr14	17900001	18000000	0.065	0.830	normal
chr14	18000001	18100000	0.030	0.955	normal
chr14	18100001	18200000	0.029	0.943	normal
chr14	18200001	18300000	0.027	0.966	normal
chr14	18300001	18400000	0.153	0.619	normal
chr14	18400001	18500000	0.123	0.824	normal
chr14	18500001	18600000	0.132	1.045	normal
chr14	18600001	18700000	0.164	0.968	normal
chr14	18700001	18800000	0.204	0.963	normal
chr14	18800001	18900000	0.106	1.095	normal
chr14	18900001	19000000	0.106	1.392	normal
chr14	19000001	19100000	0.143	1.153	normal
chr14	19100001	19200000	0.100	1.197	normal
chr14	19200001	19300000	0.161	1.978	sig
chr14	19300001	19400000	0.145	1.198	normal
chr14	19400001	19500000	0.068	1.168	normal
chr14	19500001	19600000	0.081	1.099	normal
chr14	19600001	19700000	0.072	1.417	normal
chr14	19700001	19800000	0.073	1.220	normal
chr14	19800001	19900000	0.147	1.506	normal
chr14	19900001	20000000	0.147	1.176	normal
chr14	20000001	20100000	0.058	1.153	normal
chr14	20100001	20200000	0.057	1.202	normal
chr14	20200001	20300000	0.120	1.577	normal
chr14	20300001	20400000	0.102	0.902	normal
chr14	20400001	20500000	0.077	1.560	normal
chr14	20500001	20600000	0.073	0.833	normal

chr14	20600001	20700000	0.102	1.104	normal
chr14	20700001	20800000	0.096	1.310	normal
chr14	20800001	20900000	0.089	1.354	normal
chr14	20900001	21000000	0.115	1.046	normal
chr14	21000001	21100000	0.069	1.087	normal
chr14	21100001	21200000	0.042	1.154	normal
chr14	21200001	21300000	0.095	1.188	normal
chr14	21300001	21400000	0.066	1.069	normal
chr14	21400001	21500000	0.061	1.156	normal
chr14	21500001	21600000	0.098	1.336	normal
chr14	21600001	21700000	0.095	1.403	normal
chr14	21700001	21800000	0.114	1.144	normal
chr14	21800001	21900000	0.031	0.994	normal
chr14	21900001	22000000	0.117	1.164	normal
chr14	22000001	22100000	0.071	1.213	normal
chr14	22100001	22200000	0.078	1.212	normal
chr14	22200001	22300000	0.045	1.124	normal
chr14	22300001	22400000	0.048	1.173	normal
chr14	22400001	22500000	0.061	1.209	normal
chr14	22500001	22600000	0.080	1.338	normal
chr14	22600001	22700000	0.081	1.009	normal
chr14	22700001	22800000	0.079	0.956	normal
chr14	22800001	22900000	0.049	1.163	normal
chr14	22900001	23000000	0.030	1.129	normal
chr14	23000001	23100000	0.051	1.083	normal
chr14	23100001	23200000	0.039	0.982	normal
chr14	23200001	23300000	0.091	2.097	normal
chr14	23300001	23400000	0.054	1.363	normal
chr14	23400001	23500000	0.100	1.520	normal
chr14	23500001	23600000	0.122	1.083	normal
chr14	23600001	23700000	0.153	1.385	normal
chr14	23700001	23800000	0.099	1.165	normal
chr14	23800001	23900000	0.033	0.868	normal
chr14	23900001	24000000	0.067	0.931	normal
chr14	24000001	24100000	0.070	1.877	normal
chr14	24100001	24200000	0.095	2.316	normal
chr14	24200001	24300000	0.138	1.667	normal
chr14	24300001	24400000	0.066	1.243	normal
chr14	24400001	24500000	0.053	1.798	normal
chr14	24500001	24600000	0.040	1.579	normal
chr14	24600001	24700000	0.056	1.154	normal
chr14	24700001	24800000	0.087	1.056	normal
chr14	24800001	24900000	0.094	1.201	normal
chr14	24900001	25000000	0.117	1.656	normal

chr14	25000001	25100000	0.089	1.155	normal
chr14	25100001	25200000	0.069	1.284	normal
chr14	25200001	25300000	0.069	1.111	normal
chr14	25300001	25400000	0.100	0.970	normal
chr14	25400001	25500000	0.108	2.200	normal
chr14	25500001	25600000	0.070	1.851	normal
chr14	25600001	25700000	0.085	0.917	normal
chr14	25700001	25800000	0.054	1.014	normal
chr14	25800001	25900000	0.069	0.900	normal
chr14	25900001	26000000	0.061	1.129	normal
chr14	26000001	26100000	0.092	1.099	normal
chr14	26100001	26200000	0.056	1.276	normal
chr14	26200001	26300000	0.039	0.923	normal
chr14	26300001	26400000	0.136	0.921	normal
chr14	26400001	26500000	0.049	1.119	normal
chr14	26500001	26600000	0.053	1.461	normal
chr14	26600001	26700000	0.029	0.919	normal
chr14	26700001	26800000	0.064	0.777	normal
chr14	26800001	26900000	0.054	0.893	normal
chr14	26900001	27000000	0.027	0.965	normal
chr14	27000001	27100000	0.045	0.795	normal
chr14	27100001	27200000	0.068	0.562	normal
chr14	27200001	27300000	0.028	0.796	normal
chr14	27300001	27400000	0.100	0.732	normal
chr14	27400001	27500000	0.057	0.816	normal
chr14	27500001	27600000	0.047	0.921	normal
chr14	27600001	27700000	0.074	1.032	normal
chr14	27700001	27800000	0.115	1.138	normal
chr14	27800001	27900000	0.123	1.186	normal
chr14	27900001	28000000	0.064	1.135	normal
chr14	28000001	28100000	0.111	0.766	normal
chr14	28100001	28200000	0.093	0.994	normal
chr14	28200001	28300000	0.069	1.119	normal
chr14	28300001	28400000	0.061	1.388	normal
chr14	28400001	28500000	0.085	0.794	normal
chr14	28500001	28600000	0.107	0.614	normal
chr14	28600001	28700000	0.021	1.029	normal
chr14	28700001	28800000	0.107	0.989	normal
chr14	28800001	28900000	0.062	1.080	normal
chr14	28900001	29000000	0.059	1.037	normal
chr14	29000001	29100000	0.084	0.809	normal
chr14	29100001	29200000	0.070	0.891	normal
chr14	29200001	29300000	0.056	0.952	normal
chr14	29300001	29400000	0.069	1.044	normal

chr14	29400001	29500000	0.044	0.851	normal
chr14	29500001	29600000	0.063	0.965	normal
chr14	29600001	29700000	0.036	0.998	normal
chr14	29700001	29800000	0.044	0.917	normal
chr14	29800001	29900000	0.027	0.829	normal
chr14	29900001	30000000	0.020	0.853	normal
chr14	30000001	30100000	0.057	0.804	normal
chr14	30100001	30200000	0.051	1.072	normal
chr14	30200001	30300000	0.043	0.988	normal
chr14	30300001	30400000	0.037	1.088	normal
chr14	30400001	30500000	0.016	0.941	normal
chr14	30500001	30600000	0.057	0.960	normal
chr14	30600001	30700000	0.048	0.862	normal
chr14	30700001	30800000	0.033	0.981	normal
chr14	30800001	30900000	0.042	0.865	normal
chr14	30900001	31000000	0.088	0.767	normal
chr14	31000001	31100000	0.043	1.022	normal
chr14	31100001	31200000	0.033	1.017	normal
chr14	31200001	31300000	0.043	1.309	normal
chr14	31300001	31400000	0.092	0.955	normal
chr14	31400001	31500000	0.054	1.050	normal
chr14	31500001	31600000	0.111	0.758	normal
chr14	31600001	31700000	0.067	0.957	normal
chr14	31700001	31800000	0.071	1.071	normal
chr14	31800001	31900000	0.129	0.711	normal
chr14	31900001	32000000	0.057	0.982	normal
chr14	32000001	32100000	0.044	0.919	normal
chr14	32100001	32200000	0.030	1.034	normal
chr14	32200001	32300000	0.056	1.212	normal
chr14	32300001	32400000	0.119	0.876	normal
chr14	32400001	32500000	0.082	1.469	normal
chr14	32500001	32600000	0.082	1.553	normal
chr14	32600001	32700000	0.076	1.878	normal
chr14	32700001	32800000	0.037	0.995	normal
chr14	32800001	32900000	0.066	0.789	normal
chr14	32900001	33000000	0.024	0.935	normal
chr14	33000001	33100000	0.047	0.984	normal
chr14	33100001	33200000	0.065	0.965	normal
chr14	33200001	33300000	0.048	1.030	normal
chr14	33300001	33400000	0.053	0.800	normal
chr14	33400001	33500000	0.029	1.038	normal
chr14	33500001	33600000	0.034	0.919	normal
chr14	33600001	33700000	0.069	1.068	normal
chr14	33700001	33800000	0.095	1.097	normal

chr14	33800001	33900000	0.058	1.001	normal
chr14	33900001	34000000	0.053	1.081	normal
chr14	34000001	34100000	0.143	0.727	normal
chr14	34100001	34200000	0.076	0.903	normal
chr14	34200001	34300000	0.046	0.858	normal
chr14	34300001	34400000	0.067	0.825	normal
chr14	34400001	34500000	0.074	1.616	normal
chr14	34500001	34600000	0.050	1.175	normal
chr14	34600001	34700000	0.033	1.177	normal
chr14	34700001	34800000	0.027	1.285	normal
chr14	34800001	34900000	0.049	1.186	normal
chr14	34900001	35000000	0.101	1.188	normal
chr14	35000001	35100000	0.060	1.028	normal
chr14	35100001	35200000	0.075	1.231	normal
chr14	35200001	35300000	0.071	0.867	normal
chr14	35300001	35400000	0.134	0.817	normal
chr14	35400001	35500000	0.093	1.002	normal
chr14	35500001	35600000	0.122	0.938	normal
chr14	35600001	35700000	0.076	1.208	normal
chr14	35700001	35800000	0.083	0.966	normal
chr14	35800001	35900000	0.066	1.046	normal
chr14	35900001	36000000	0.108	0.699	normal
chr14	36000001	36100000	0.062	1.051	normal
chr14	36100001	36200000	0.049	1.240	normal
chr14	36200001	36300000	0.056	1.039	normal
chr14	36300001	36400000	0.022	0.932	normal
chr14	36400001	36500000	0.087	0.777	normal
chr14	36500001	36600000	0.112	0.811	normal
chr14	36600001	36700000	0.055	0.847	normal
chr14	36700001	36800000	0.032	0.864	normal
chr14	36800001	36900000	0.053	0.952	normal
chr14	36900001	37000000	0.012	1.023	normal
chr14	37000001	37100000	0.110	0.716	normal
chr14	37100001	37200000	0.110	1.583	normal
chr14	37200001	37300000	0.047	1.155	normal
chr14	37300001	37400000	0.055	1.517	normal
chr14	37400001	37500000	0.052	0.816	normal
chr14	37500001	37600000	0.067	1.029	normal
chr14	37600001	37700000	0.045	0.851	normal
chr14	37700001	37800000	0.057	0.824	normal
chr14	37800001	37900000	0.049	0.945	normal
chr14	37900001	38000000	0.056	0.859	normal
chr14	38000001	38100000	0.117	0.829	normal
chr14	38100001	38200000	0.060	0.806	normal

chr14	38200001	38300000	0.024	1.024	normal
chr14	38300001	38400000	0.035	1.077	normal
chr14	38400001	38500000	0.081	0.996	normal
chr14	38500001	38600000	0.099	0.918	normal
chr14	38600001	38700000	0.051	1.017	normal
chr14	38700001	38800000	0.073	0.896	normal
chr14	38800001	38900000	0.046	1.153	normal
chr14	38900001	39000000	0.050	1.120	normal
chr14	39000001	39100000	0.045	1.115	normal
chr14	39100001	39200000	0.073	1.039	normal
chr02	1	100000	0.020	1.041	normal
chr02	100001	200000	0.047	0.944	normal
chr02	200001	300000	0.057	1.190	normal
chr02	300001	400000	0.038	1.032	normal
chr02	400001	500000	0.029	0.958	normal
chr02	500001	600000	0.063	1.121	normal
chr02	600001	700000	0.075	1.061	normal
chr02	700001	800000	0.035	1.014	normal
chr02	800001	900000	0.061	0.861	normal
chr02	900001	1000000	0.054	0.955	normal
chr02	1000001	1100000	0.042	0.930	normal
chr02	1100001	1200000	0.034	0.860	normal
chr02	1200001	1300000	0.040	0.920	normal
chr02	1300001	1400000	0.090	0.769	normal
chr02	1400001	1500000	0.062	1.113	normal
chr02	1500001	1600000	0.052	0.997	normal
chr02	1600001	1700000	0.040	1.283	normal
chr02	1700001	1800000	0.047	1.005	normal
chr02	1800001	1900000	0.045	1.078	normal
chr02	1900001	2000000	0.127	0.833	normal
chr02	2000001	2100000	0.141	0.641	normal
chr02	2100001	2200000	0.049	0.898	normal
chr02	2200001	2300000	0.044	0.950	normal
chr02	2300001	2400000	0.027	0.990	normal
chr02	2400001	2500000	0.069	1.186	normal
chr02	2500001	2600000	0.039	0.978	normal
chr02	2600001	2700000	0.031	0.870	normal
chr02	2700001	2800000	0.028	0.853	normal
chr02	2800001	2900000	0.036	0.950	normal
chr02	2900001	3000000	0.061	1.222	normal
chr02	3000001	3100000	0.049	0.974	normal
chr02	3100001	3200000	0.138	1.175	normal
chr02	3200001	3300000	0.069	1.171	normal
chr02	3300001	3400000	0.038	1.023	normal

chr02	3400001	3500000	0.041	0.989	normal
chr02	3500001	3600000	0.027	1.049	normal
chr02	3600001	3700000	0.034	1.068	normal
chr02	3700001	3800000	0.032	1.067	normal
chr02	3800001	3900000	0.058	1.077	normal
chr02	3900001	4000000	0.111	1.057	normal
chr02	4000001	4100000	0.081	1.134	normal
chr02	4100001	4200000	0.154	1.221	normal
chr02	4200001	4300000	0.199	1.124	normal
chr02	4300001	4400000	0.140	1.128	normal
chr02	4400001	4500000	0.069	1.131	normal
chr02	4500001	4600000	0.056	1.226	normal
chr02	4600001	4700000	0.120	1.288	normal
chr02	4700001	4800000	0.107	0.963	normal
chr02	4800001	4900000	0.105	1.445	normal
chr02	4900001	5000000	0.344	0.560	normal
chr02	5000001	5100000	0.067	1.128	normal
chr02	5100001	5200000	0.174	1.135	normal
chr02	5200001	5300000	0.186	1.241	normal
chr02	5300001	5400000	0.213	1.023	normal
chr02	5400001	5500000	0.212	1.300	normal
chr02	5500001	5600000	0.158	0.823	normal
chr02	5600001	5700000	0.106	1.068	normal
chr02	5700001	5800000	0.288	0.712	normal
chr02	5800001	5900000	0.240	0.843	normal
chr02	5900001	6000000	0.053	1.015	normal
chr02	6000001	6100000	0.161	0.945	normal
chr02	6100001	6200000	0.180	0.769	normal
chr02	6200001	6300000	0.131	1.070	normal
chr02	6300001	6400000	0.141	1.121	normal
chr02	6400001	6500000	0.128	1.901	normal
chr02	6500001	6600000	0.059	1.089	normal
chr02	6600001	6700000	0.066	1.105	normal
chr02	6700001	6800000	0.103	1.274	normal
chr02	6800001	6900000	0.111	1.925	normal
chr02	6900001	7000000	0.117	0.957	normal
chr02	7000001	7100000	0.077	0.963	normal
chr02	7100001	7200000	0.185	1.885	sig
chr02	7200001	7300000	0.096	1.107	normal
chr02	7300001	7400000	0.062	1.229	normal
chr02	7400001	7500000	0.096	0.862	normal
chr02	7500001	7600000	0.097	1.107	normal
chr02	7600001	7700000	0.097	0.936	normal
chr02	7700001	7800000	0.057	0.975	normal

chr02	7800001	7900000	0.137	0.960	normal
chr02	7900001	8000000	0.099	1.050	normal
chr02	8000001	8100000	0.099	0.841	normal
chr02	8100001	8200000	0.118	0.699	normal
chr02	8200001	8300000	0.063	1.515	normal
chr02	8300001	8400000	0.117	0.772	normal
chr02	8400001	8500000	0.033	1.199	normal
chr02	8500001	8600000	0.059	1.011	normal
chr02	8600001	8700000	0.144	1.528	normal
chr02	8700001	8800000	0.040	0.919	normal
chr02	8800001	8900000	0.046	1.010	normal
chr02	8900001	9000000	0.048	1.119	normal
chr02	9000001	9100000	0.090	1.025	normal
chr02	9100001	9200000	0.086	1.051	normal
chr02	9200001	9300000	0.045	1.122	normal
chr02	9300001	9400000	0.085	0.954	normal
chr02	9400001	9500000	0.074	1.044	normal
chr02	9500001	9600000	0.152	1.107	normal
chr02	9600001	9700000	0.187	0.707	normal
chr02	9700001	9800000	0.269	0.370	normal
chr02	9800001	9900000	0.192	0.435	normal
chr02	9900001	10000000	0.122	0.864	normal
chr02	10000001	10100000	0.048	0.962	normal
chr02	10100001	10200000	0.066	1.407	normal
chr02	10200001	10300000	0.111	0.947	normal
chr02	10300001	10400000	0.091	1.140	normal
chr02	10400001	10500000	0.071	0.804	normal
chr02	10500001	10600000	0.083	1.090	normal
chr02	10600001	10700000	0.074	1.399	normal
chr02	10700001	10800000	0.084	1.300	normal
chr02	10800001	10900000	0.094	0.769	normal
chr02	10900001	11000000	0.061	1.003	normal
chr02	11000001	11100000	0.123	0.756	normal
chr02	11100001	11200000	0.055	0.973	normal
chr02	11200001	11300000	0.102	0.719	normal
chr02	11300001	11400000	0.086	1.418	normal
chr02	11400001	11500000	0.104	0.903	normal
chr02	11500001	11600000	0.055	0.797	normal
chr02	11600001	11700000	0.026	0.973	normal
chr02	11700001	11800000	0.036	1.012	normal
chr02	11800001	11900000	0.023	0.994	normal
chr02	11900001	12000000	0.025	1.098	normal
chr02	12000001	12100000	0.087	0.768	normal
chr02	12100001	12200000	0.080	0.829	normal

chr02	12200001	12300000	0.082	0.919	normal
chr02	12300001	12400000	0.110	0.931	normal
chr02	12400001	12500000	0.106	0.846	normal
chr02	12500001	12600000	0.104	0.939	normal
chr02	12600001	12700000	0.065	0.945	normal
chr02	12700001	12800000	0.086	1.249	normal
chr02	12800001	12900000	0.096	1.341	normal
chr02	12900001	13000000	0.068	1.041	normal
chr02	13000001	13100000	0.052	1.200	normal
chr02	13100001	13200000	0.055	1.015	normal
chr02	13200001	13300000	0.057	0.984	normal
chr02	13300001	13400000	0.057	1.032	normal
chr02	13400001	13500000	0.044	1.625	normal
chr02	13500001	13600000	0.039	1.559	normal
chr02	13600001	13700000	0.071	0.850	normal
chr02	13700001	13800000	0.010	0.987	normal
chr02	13800001	13900000	0.025	1.032	normal
chr02	13900001	14000000	0.054	0.970	normal
chr02	14000001	14100000	0.032	1.005	normal
chr02	14100001	14200000	0.023	0.966	normal
chr02	14200001	14300000	0.055	0.875	normal
chr02	14300001	14400000	0.048	0.936	normal
chr02	14400001	14500000	0.035	0.893	normal
chr02	14500001	14600000	0.050	1.403	normal
chr02	14600001	14700000	0.048	1.187	normal
chr02	14700001	14800000	0.046	1.076	normal
chr02	14800001	14900000	0.063	0.973	normal
chr02	14900001	15000000	0.078	1.049	normal
chr02	15000001	15100000	0.119	0.909	normal
chr02	15100001	15200000	0.077	0.969	normal
chr02	15200001	15300000	0.132	0.762	normal
chr02	15300001	15400000	0.142	0.745	normal
chr02	15400001	15500000	0.131	0.735	normal
chr02	15500001	15600000	0.144	0.704	normal
chr02	15600001	15700000	0.085	1.018	normal
chr02	15700001	15800000	0.102	1.165	normal
chr02	15800001	15900000	0.148	1.593	normal
chr02	15900001	16000000	0.104	0.706	normal
chr02	16000001	16100000	0.049	0.966	normal
chr02	16100001	16200000	0.034	0.998	normal
chr02	16200001	16300000	0.062	0.835	normal
chr02	16300001	16400000	0.125	1.508	normal
chr02	16400001	16500000	0.055	1.102	normal
chr02	16500001	16600000	0.035	1.021	normal

chr02	16600001	16700000	0.121	0.877	normal
chr02	16700001	16800000	0.037	1.010	normal
chr02	16800001	16900000	0.057	1.089	normal
chr02	16900001	17000000	0.065	1.062	normal
chr02	17000001	17100000	0.058	1.027	normal
chr02	17100001	17200000	0.081	0.833	normal
chr02	17200001	17300000	0.147	0.678	normal
chr02	17300001	17400000	0.065	0.861	normal
chr02	17400001	17500000	0.093	1.762	normal
chr02	17500001	17600000	0.051	1.134	normal
chr02	17600001	17700000	0.070	1.018	normal
chr02	17700001	17800000	0.055	0.915	normal
chr02	17800001	17900000	0.067	1.235	normal
chr02	17900001	18000000	0.100	0.704	normal
chr02	18000001	18100000	0.066	1.312	normal
chr02	18100001	18200000	0.048	1.272	normal
chr02	18200001	18300000	0.081	1.103	normal
chr02	18300001	18400000	0.079	0.851	normal
chr02	18400001	18500000	0.105	0.671	normal
chr02	18500001	18600000	0.124	0.595	normal
chr02	18600001	18700000	0.123	0.613	normal
chr02	18700001	18800000	0.119	0.640	normal
chr02	18800001	18900000	0.088	0.830	normal
chr02	18900001	19000000	0.123	0.586	normal
chr02	19000001	19100000	0.114	0.673	normal
chr02	19100001	19200000	0.111	0.742	normal
chr02	19200001	19300000	0.127	0.589	normal
chr02	19300001	19400000	0.123	0.630	normal
chr02	19400001	19500000	0.128	0.583	normal
chr02	19500001	19600000	0.122	0.650	normal
chr02	19600001	19700000	0.130	0.608	normal
chr02	19700001	19800000	0.135	0.526	normal
chr02	19800001	19900000	0.102	0.661	normal
chr02	19900001	20000000	0.050	1.183	normal
chr02	20000001	20100000	0.046	1.185	normal
chr02	20100001	20200000	0.040	1.162	normal
chr02	20200001	20300000	0.033	1.401	normal
chr02	20300001	20400000	0.047	1.079	normal
chr02	20400001	20500000	0.024	1.179	normal
chr02	20500001	20600000	0.052	1.159	normal
chr02	20600001	20700000	0.052	1.058	normal
chr02	20700001	20800000	0.047	1.250	normal
chr02	20800001	20900000	0.052	0.885	normal
chr02	20900001	21000000	0.048	1.334	normal

chr02	21000001	21100000	0.042	0.946	normal
chr02	21100001	21200000	0.056	1.066	normal
chr02	21200001	21300000	0.067	1.405	normal
chr02	21300001	21400000	0.055	1.181	normal
chr02	21400001	21500000	0.098	1.097	normal
chr02	21500001	21600000	0.069	1.334	normal
chr02	21600001	21700000	0.038	1.204	normal
chr02	21700001	21800000	0.067	1.247	normal
chr02	21800001	21900000	0.048	1.168	normal
chr02	21900001	22000000	0.064	1.206	normal
chr02	22000001	22100000	0.061	1.023	normal
chr02	22100001	22200000	0.077	0.979	normal
chr02	22200001	22300000	0.062	1.041	normal
chr02	22300001	22400000	0.148	1.113	normal
chr02	22400001	22500000	0.126	1.078	normal
chr02	22500001	22600000	0.108	1.017	normal
chr02	22600001	22700000	0.089	1.083	normal
chr02	22700001	22800000	0.038	1.104	normal
chr02	22800001	22900000	0.041	1.043	normal
chr02	22900001	23000000	0.086	1.382	normal
chr02	23000001	23100000	0.104	1.390	normal
chr02	23100001	23200000	0.084	0.990	normal
chr02	23200001	23300000	0.071	1.247	normal
chr02	23300001	23400000	0.067	1.220	normal
chr02	23400001	23500000	0.014	1.001	normal
chr02	23500001	23600000	0.023	0.926	normal
chr02	23600001	23700000	0.051	0.546	normal
chr02	23700001	23800000	0.033	0.525	normal
chr02	23800001	23900000	0.023	1.101	normal
chr02	23900001	24000000	0.026	1.206	normal
chr02	24000001	24100000	0.031	1.066	normal
chr02	24100001	24200000	0.029	1.032	normal
chr02	24200001	24300000	0.034	0.981	normal
chr02	24300001	24400000	0.044	1.044	normal
chr02	24400001	24500000	0.031	1.619	normal
chr02	24500001	24600000	0.011	1.224	normal
chr02	24600001	24700000	0.025	1.232	normal
chr02	24700001	24800000	0.051	1.107	normal
chr02	24800001	24900000	0.060	1.466	normal
chr02	24900001	25000000	0.047	1.014	normal
chr02	25000001	25100000	0.060	0.998	normal
chr02	25100001	25200000	0.079	0.987	normal
chr02	25200001	25300000	0.065	0.923	normal
chr02	25300001	25400000	0.086	1.054	normal

chr02	25400001	25500000	0.104	1.089	normal
chr02	25500001	25600000	0.043	1.070	normal
chr02	25600001	25700000	0.052	1.030	normal
chr02	25700001	25800000	0.087	1.484	normal
chr02	25800001	25900000	0.142	1.239	normal
chr02	25900001	26000000	0.040	1.091	normal
chr02	26000001	26100000	0.073	1.529	normal
chr02	26100001	26200000	0.042	1.381	normal
chr02	26200001	26300000	0.047	1.363	normal
chr02	26300001	26400000	0.030	1.012	normal
chr02	26400001	26500000	0.108	1.984	normal
chr02	26500001	26600000	0.054	1.117	normal
chr02	26600001	26700000	0.050	0.959	normal
chr02	26700001	26800000	0.027	0.998	normal
chr02	26800001	26900000	0.079	2.068	normal
chr02	26900001	27000000	0.051	1.411	normal
chr02	27000001	27100000	0.103	0.971	normal
chr02	27100001	27200000	0.117	1.037	normal
chr02	27200001	27300000	0.054	1.175	normal
chr02	27300001	27400000	0.043	1.071	normal
chr02	27400001	27500000	0.050	1.332	normal
chr02	27500001	27600000	0.027	1.132	normal
chr02	27600001	27700000	0.045	0.963	normal
chr02	27700001	27800000	0.049	1.100	normal
chr02	27800001	27900000	0.031	1.151	normal
chr02	27900001	28000000	0.058	1.210	normal
chr02	28000001	28100000	0.047	1.160	normal
chr02	28100001	28200000	0.030	1.019	normal
chr02	28200001	28300000	0.075	1.733	normal
chr02	28300001	28400000	0.056	1.243	normal
chr02	28400001	28500000	0.043	1.110	normal
chr02	28500001	28600000	0.028	1.011	normal
chr02	28600001	28700000	0.124	0.641	normal
chr02	28700001	28800000	0.091	0.831	normal
chr02	28800001	28900000	0.045	1.028	normal
chr02	28900001	29000000	0.157	0.458	normal
chr02	29000001	29100000	0.047	1.003	normal
chr02	29100001	29200000	0.023	1.073	normal
chr02	29200001	29300000	0.019	1.200	normal
chr02	29300001	29400000	0.031	1.069	normal
chr02	29400001	29500000	0.065	0.948	normal
chr02	29500001	29600000	0.072	1.037	normal
chr02	29600001	29700000	0.061	1.223	normal
chr02	29700001	29800000	0.036	1.169	normal

chr02	29800001	29900000	0.027	1.085	normal
chr02	29900001	30000000	0.034	1.119	normal
chr02	30000001	30100000	0.070	1.832	normal
chr02	30100001	30200000	0.098	2.051	normal
chr02	30200001	30300000	0.046	1.221	normal
chr02	30300001	30400000	0.096	1.206	normal
chr02	30400001	30500000	0.025	0.945	normal
chr02	30500001	30600000	0.056	1.156	normal
chr02	30600001	30700000	0.057	1.207	normal
chr02	30700001	30800000	0.027	1.139	normal
chr02	30800001	30900000	0.086	1.235	normal
chr02	30900001	31000000	0.076	1.065	normal
chr02	31000001	31100000	0.084	1.221	normal
chr02	31100001	31200000	0.057	1.164	normal
chr02	31200001	31300000	0.044	1.116	normal
chr02	31300001	31400000	0.046	1.018	normal
chr02	31400001	31500000	0.066	0.755	normal
chr02	31500001	31600000	0.073	0.847	normal
chr02	31600001	31700000	0.040	1.001	normal
chr02	31700001	31800000	0.074	0.992	normal
chr02	31800001	31900000	0.048	1.229	normal
chr02	31900001	32000000	0.065	1.126	normal
chr02	32000001	32100000	0.069	0.799	normal
chr02	32100001	32200000	0.046	1.156	normal
chr02	32200001	32300000	0.039	1.093	normal
chr02	32300001	32400000	0.059	1.002	normal
chr02	32400001	32500000	0.041	0.972	normal
chr02	32500001	32600000	0.096	1.231	normal
chr02	32600001	32700000	0.056	1.685	normal
chr02	32700001	32800000	0.067	1.575	normal
chr02	32800001	32900000	0.065	1.068	normal
chr02	32900001	33000000	0.097	0.398	normal
chr02	33000001	33100000	0.104	0.430	normal
chr02	33100001	33200000	0.094	0.545	normal
chr02	33200001	33300000	0.027	1.079	normal
chr02	33300001	33400000	0.071	0.955	normal
chr02	33400001	33500000	0.047	0.988	normal
chr02	33500001	33600000	0.109	1.108	normal
chr02	33600001	33700000	0.058	0.874	normal
chr02	33700001	33800000	0.076	1.057	normal
chr02	33800001	33900000	0.054	1.391	normal
chr02	33900001	34000000	0.060	0.929	normal
chr02	34000001	34100000	0.087	0.896	normal
chr02	34100001	34200000	0.041	1.070	normal

chr02	34200001	34300000	0.068	1.014	normal
chr02	34300001	34400000	0.089	1.031	normal
chr02	34400001	34500000	0.067	1.061	normal
chr02	34500001	34600000	0.102	1.078	normal
chr02	34600001	34700000	0.075	1.415	normal
chr02	34700001	34800000	0.085	1.314	normal
chr02	34800001	34900000	0.159	1.737	sig
chr02	34900001	35000000	0.130	1.421	normal
chr02	35000001	35100000	0.032	0.913	normal
chr02	35100001	35200000	0.082	0.529	normal
chr02	35200001	35300000	0.105	0.428	normal
chr02	35300001	35400000	0.091	0.518	normal
chr02	35400001	35500000	0.070	0.683	normal
chr02	35500001	35600000	0.096	0.587	normal
chr02	35600001	35700000	0.096	1.066	normal
chr02	35700001	35800000	0.092	0.838	normal
chr02	35800001	35900000	0.041	1.042	normal
chr02	35900001	36000000	0.039	1.099	normal
chr02	36000001	36100000	0.056	1.013	normal
chr02	36100001	36200000	0.029	1.059	normal
chr02	36200001	36300000	0.073	0.821	normal
chr02	36300001	36400000	0.045	0.991	normal
chr02	36400001	36500000	0.038	1.181	normal
chr02	36500001	36600000	0.006	1.053	normal
chr02	36600001	36700000	0.026	1.006	normal
chr02	36700001	36800000	0.030	1.000	normal
chr02	36800001	36900000	0.032	0.996	normal
chr02	36900001	37000000	0.045	0.974	normal
chr02	37000001	37100000	0.058	0.938	normal
chr02	37100001	37200000	0.074	0.860	normal
chr02	37200001	37300000	0.050	0.925	normal
chr02	37300001	37400000	0.054	0.918	normal
chr02	37400001	37500000	0.064	0.842	normal
chr02	37500001	37600000	0.073	0.958	normal
chr02	37600001	37700000	0.129	0.446	normal
chr02	37700001	37800000	0.035	1.026	normal
chr02	37800001	37900000	0.069	1.157	normal
chr02	37900001	38000000	0.066	1.329	normal
chr02	38000001	38100000	0.027	0.959	normal
chr02	38100001	38200000	0.026	0.906	normal
chr02	38200001	38300000	0.061	0.877	normal
chr02	38300001	38400000	0.100	0.853	normal
chr02	38400001	38500000	0.091	0.851	normal
chr02	38500001	38600000	0.100	1.107	normal

chr02	38600001	38700000	0.049	1.106	normal
chr02	38700001	38800000	0.078	1.067	normal
chr15	1	100000	0.073	1.810	normal
chr15	100001	200000	0.070	1.702	normal
chr15	200001	300000	0.093	1.491	normal
chr15	300001	400000	0.174	1.623	sig
chr15	400001	500000	0.053	1.552	normal
chr15	500001	600000	0.156	1.412	normal
chr15	600001	700000	0.105	1.330	normal
chr15	700001	800000	0.129	1.577	normal
chr15	800001	900000	0.083	1.571	normal
chr15	900001	1000000	0.188	1.370	normal
chr15	1000001	1100000	0.030	1.165	normal
chr15	1100001	1200000	0.037	1.412	normal
chr15	1200001	1300000	0.078	1.270	normal
chr15	1300001	1400000	0.111	1.410	normal
chr15	1400001	1500000	0.091	1.408	normal
chr15	1500001	1600000	0.057	1.311	normal
chr15	1600001	1700000	0.061	1.422	normal
chr15	1700001	1800000	0.063	1.163	normal
chr15	1800001	1900000	0.057	1.137	normal
chr15	1900001	2000000	0.086	1.114	normal
chr15	2000001	2100000	0.098	1.061	normal
chr15	2100001	2200000	0.046	0.974	normal
chr15	2200001	2300000	0.085	1.074	normal
chr15	2300001	2400000	0.044	1.097	normal
chr15	2400001	2500000	0.029	1.028	normal
chr15	2500001	2600000	0.057	1.213	normal
chr15	2600001	2700000	0.078	1.486	normal
chr15	2700001	2800000	0.104	0.897	normal
chr15	2800001	2900000	0.051	1.122	normal
chr15	2900001	3000000	0.025	1.026	normal
chr15	3000001	3100000	0.036	0.951	normal
chr15	3100001	3200000	0.072	1.232	normal
chr15	3200001	3300000	0.046	1.276	normal
chr15	3300001	3400000	0.112	1.009	normal
chr15	3400001	3500000	0.076	1.185	normal
chr15	3500001	3600000	0.107	1.194	normal
chr15	3600001	3700000	0.064	1.228	normal
chr15	3700001	3800000	0.094	1.515	normal
chr15	3800001	3900000	0.057	1.135	normal
chr15	3900001	4000000	0.066	0.965	normal
chr15	4000001	4100000	0.164	1.038	normal
chr15	4100001	4200000	0.079	1.203	normal

chr15	4200001	4300000	0.020	1.125	normal
chr15	4300001	4400000	0.062	1.240	normal
chr15	4400001	4500000	0.082	1.489	normal
chr15	4500001	4600000	0.045	1.318	normal
chr15	4600001	4700000	0.146	1.022	normal
chr15	4700001	4800000	0.098	1.507	normal
chr15	4800001	4900000	0.067	1.046	normal
chr15	4900001	5000000	0.121	1.211	normal
chr15	5000001	5100000	0.076	1.106	normal
chr15	5100001	5200000	0.034	0.944	normal
chr15	5200001	5300000	0.021	0.906	normal
chr15	5300001	5400000	0.031	0.897	normal
chr15	5400001	5500000	0.016	0.685	normal
chr15	5500001	5600000	0.028	0.886	normal
chr15	5600001	5700000	0.060	1.016	normal
chr15	5700001	5800000	0.045	0.876	normal
chr15	5800001	5900000	0.070	0.797	normal
chr15	5900001	6000000	0.104	1.097	normal
chr15	6000001	6100000	0.058	0.788	normal
chr15	6100001	6200000	0.023	1.158	normal
chr15	6200001	6300000	0.021	0.950	normal
chr15	6300001	6400000	0.023	0.950	normal
chr15	6400001	6500000	0.072	1.178	normal
chr15	6500001	6600000	0.070	0.868	normal
chr15	6600001	6700000	0.067	1.016	normal
chr15	6700001	6800000	0.054	0.953	normal
chr15	6800001	6900000	0.050	1.267	normal
chr15	6900001	7000000	0.093	1.193	normal
chr15	7000001	7100000	0.085	1.177	normal
chr15	7100001	7200000	0.037	1.227	normal
chr15	7200001	7300000	0.113	0.918	normal
chr15	7300001	7400000	0.153	1.181	normal
chr15	7400001	7500000	0.098	1.261	normal
chr15	7500001	7600000	0.115	1.081	normal
chr15	7600001	7700000	0.063	0.889	normal
chr15	7700001	7800000	0.053	1.016	normal
chr15	7800001	7900000	0.049	1.131	normal
chr15	7900001	8000000	0.015	0.934	normal
chr15	8000001	8100000	0.009	1.048	normal
chr15	8100001	8200000	0.010	0.973	normal
chr15	8200001	8300000	0.007	0.918	normal
chr15	8300001	8400000	0.047	0.729	normal
chr15	8400001	8500000	0.093	0.777	normal
chr15	8500001	8600000	0.101	0.708	normal

chr15	8600001	8700000	0.099	0.751	normal
chr15	8700001	8800000	0.070	0.912	normal
chr15	8800001	8900000	0.069	0.697	normal
chr15	8900001	9000000	0.166	1.842	sig
chr15	9000001	9100000	0.031	0.942	normal
chr15	9100001	9200000	0.086	1.023	normal
chr15	9200001	9300000	0.089	1.049	normal
chr15	9300001	9400000	0.064	1.325	normal
chr15	9400001	9500000	0.144	1.795	normal
chr15	9500001	9600000	0.131	1.231	normal
chr15	9600001	9700000	0.086	1.369	normal
chr15	9700001	9800000	0.115	1.066	normal
chr15	9800001	9900000	0.185	0.831	normal
chr15	9900001	10000000	0.184	0.844	normal
chr15	10000001	10100000	0.138	1.740	normal
chr15	10100001	10200000	0.141	1.127	normal
chr15	10200001	10300000	0.127	0.884	normal
chr15	10300001	10400000	0.031	1.121	normal
chr15	10400001	10500000	0.086	1.137	normal
chr15	10500001	10600000	0.082	0.909	normal
chr15	10600001	10700000	0.088	1.104	normal
chr15	10700001	10800000	0.062	1.064	normal
chr15	10800001	10900000	0.109	0.969	normal
chr15	10900001	11000000	0.039	0.960	normal
chr15	11000001	11100000	0.164	0.946	normal
chr15	11100001	11200000	0.082	1.098	normal
chr15	11200001	11300000	0.126	0.843	normal
chr15	11300001	11400000	0.159	1.292	normal
chr15	11400001	11500000	0.138	0.873	normal
chr15	11500001	11600000	0.163	0.866	normal
chr15	11600001	11700000	0.049	1.068	normal
chr15	11700001	11800000	0.047	0.913	normal
chr15	11800001	11900000	0.054	1.083	normal
chr15	11900001	12000000	0.052	1.206	normal
chr15	12000001	12100000	0.124	1.401	normal
chr15	12100001	12200000	0.252	0.893	normal
chr15	12200001	12300000	0.136	1.043	normal
chr15	12300001	12400000	0.090	1.678	normal
chr15	12400001	12500000	0.077	2.427	normal
chr15	12500001	12600000	0.122	1.465	normal
chr15	12600001	12700000	0.076	1.218	normal
chr15	12700001	12800000	0.134	0.716	normal
chr15	12800001	12900000	0.025	1.038	normal
chr15	12900001	13000000	0.076	1.342	normal

chr15	13000001	13100000	0.093	1.418	normal
chr15	13100001	13200000	0.127	1.702	normal
chr15	13200001	13300000	0.073	1.118	normal
chr15	13300001	13400000	0.096	0.933	normal
chr15	13400001	13500000	0.093	1.213	normal
chr15	13500001	13600000	0.049	0.858	normal
chr15	13600001	13700000	0.011	1.252	normal
chr15	13700001	13800000	0.155	0.987	normal
chr15	13800001	13900000	0.183	1.127	normal
chr15	13900001	14000000	0.192	1.852	sig
chr15	14000001	14100000	0.146	1.414	normal
chr15	14100001	14200000	0.151	1.403	normal
chr15	14200001	14300000	0.150	1.599	normal
chr15	14300001	14400000	0.095	1.177	normal
chr15	14400001	14500000	0.091	1.353	normal
chr15	14500001	14600000	0.091	1.230	normal
chr15	14600001	14700000	0.125	1.324	normal
chr15	14700001	14800000	0.053	0.849	normal
chr15	14800001	14900000	0.169	0.922	normal
chr15	14900001	15000000	0.250	0.925	normal
chr15	15000001	15100000	0.143	1.234	normal
chr15	15100001	15200000	0.161	1.674	sig
chr15	15200001	15300000	0.031	1.061	normal
chr15	15300001	15400000	0.016	1.029	normal
chr15	15400001	15500000	0.067	0.923	normal
chr15	15500001	15600000	0.083	0.977	normal
chr15	15600001	15700000	0.127	1.002	normal
chr15	15700001	15800000	0.097	0.918	normal
chr15	15800001	15900000	0.137	0.753	normal
chr15	15900001	16000000	0.093	0.985	normal
chr15	16000001	16100000	0.098	0.951	normal
chr15	16100001	16200000	0.081	1.058	normal
chr15	16200001	16300000	0.073	1.363	normal
chr15	16300001	16400000	0.065	1.179	normal
chr15	16400001	16500000	0.100	1.077	normal
chr15	16500001	16600000	0.144	1.327	normal
chr15	16600001	16700000	0.209	1.736	sig
chr15	16700001	16800000	0.214	1.192	normal
chr15	16800001	16900000	0.058	1.213	normal
chr15	16900001	17000000	0.128	0.886	normal
chr15	17000001	17100000	0.118	0.913	normal
chr15	17100001	17200000	0.105	0.896	normal
chr15	17200001	17300000	0.153	0.653	normal
chr15	17300001	17400000	0.086	0.915	normal

chr15	17400001	17500000	0.079	0.992	normal
chr15	17500001	17600000	0.130	0.499	normal
chr15	17600001	17700000	0.076	0.964	normal
chr15	17700001	17800000	0.166	0.539	normal
chr15	17800001	17900000	0.119	0.894	normal
chr15	17900001	18000000	0.085	1.149	normal
chr15	18000001	18100000	0.170	0.797	normal
chr15	18100001	18200000	0.190	2.776	sig
chr15	18200001	18300000	0.193	2.505	sig
chr15	18300001	18400000	0.103	1.054	normal
chr15	18400001	18500000	0.088	1.040	normal
chr15	18500001	18600000	0.079	1.095	normal
chr15	18600001	18700000	0.078	0.881	normal
chr15	18700001	18800000	0.145	0.847	normal
chr15	18800001	18900000	0.077	1.305	normal
chr15	18900001	19000000	0.042	1.099	normal
chr15	19000001	19100000	0.035	1.102	normal
chr15	19100001	19200000	0.070	0.965	normal
chr15	19200001	19300000	0.026	1.062	normal
chr15	19300001	19400000	0.017	0.979	normal
chr15	19400001	19500000	0.013	0.959	normal
chr15	19500001	19600000	0.220	0.594	normal
chr15	19600001	19700000	0.140	0.800	normal
chr15	19700001	19800000	0.093	0.943	normal
chr15	19800001	19900000	0.138	0.937	normal
chr15	19900001	20000000	0.120	0.809	normal
chr15	20000001	20100000	0.163	0.801	normal
chr15	20100001	20200000	0.144	0.683	normal
chr15	20200001	20300000	0.038	1.066	normal
chr15	20300001	20400000	0.074	1.163	normal
chr15	20400001	20500000	0.101	0.925	normal
chr15	20500001	20600000	0.075	1.021	normal
chr15	20600001	20700000	0.073	1.124	normal
chr15	20700001	20800000	0.022	1.022	normal
chr15	20800001	20900000	0.034	1.021	normal
chr15	20900001	21000000	0.119	1.200	normal
chr15	21000001	21100000	0.081	0.969	normal
chr15	21100001	21200000	0.080	0.766	normal
chr15	21200001	21300000	0.074	1.012	normal
chr15	21300001	21400000	0.246	0.447	normal
chr15	21400001	21500000	0.121	1.127	normal
chr15	21500001	21600000	0.008	0.995	normal
chr15	21600001	21700000	0.011	0.862	normal
chr15	21700001	21800000	0.045	1.038	normal

chr15	21800001	21900000	0.146	1.400	normal
chr15	21900001	22000000	0.139	1.245	normal
chr15	22000001	22100000	0.227	0.638	normal
chr15	22100001	22200000	0.130	0.783	normal
chr15	22200001	22300000	0.100	0.845	normal
chr15	22300001	22400000	0.107	1.094	normal
chr15	22400001	22500000	0.066	1.150	normal
chr15	22500001	22600000	0.028	1.120	normal
chr15	22600001	22700000	0.105	0.980	normal
chr15	22700001	22800000	0.232	0.531	normal
chr15	22800001	22900000	0.075	0.895	normal
chr15	22900001	23000000	0.075	0.987	normal
chr15	23000001	23100000	0.179	1.541	sig
chr15	23100001	23200000	0.050	1.097	normal
chr15	23200001	23300000	0.013	0.975	normal
chr15	23300001	23400000	0.105	1.054	normal
chr15	23400001	23500000	0.073	1.550	normal
chr15	23500001	23600000	0.043	1.008	normal
chr15	23600001	23700000	0.110	0.804	normal
chr15	23700001	23800000	0.080	0.799	normal
chr15	23800001	23900000	0.033	1.102	normal
chr15	23900001	24000000	0.056	1.104	normal
chr15	24000001	24100000	0.121	0.769	normal
chr15	24100001	24200000	0.082	0.802	normal
chr15	24200001	24300000	0.080	1.323	normal
chr15	24300001	24400000	0.095	1.055	normal
chr15	24400001	24500000	0.045	0.949	normal
chr15	24500001	24600000	0.015	0.972	normal
chr15	24600001	24700000	0.022	0.879	normal
chr15	24700001	24800000	0.082	1.167	normal
chr15	24800001	24900000	0.115	1.218	normal
chr15	24900001	25000000	0.062	1.218	normal
chr15	25000001	25100000	0.135	1.490	normal
chr15	25100001	25200000	0.119	0.977	normal
chr15	25200001	25300000	0.137	1.539	normal
chr15	25300001	25400000	0.084	1.404	normal
chr15	25400001	25500000	0.078	0.959	normal
chr15	25500001	25600000	0.057	1.257	normal
chr15	25600001	25700000	0.115	0.928	normal
chr15	25700001	25800000	0.086	1.282	normal
chr15	25800001	25900000	0.084	0.753	normal
chr15	25900001	26000000	0.032	0.985	normal
chr15	26000001	26100000	0.019	1.039	normal
chr15	26100001	26200000	0.024	0.995	normal

chr15	26200001	26300000	0.060	1.121	normal
chr15	26300001	26400000	0.061	1.015	normal
chr15	26400001	26500000	0.088	1.051	normal
chr15	26500001	26600000	0.120	0.621	normal
chr15	26600001	26700000	0.068	1.034	normal
chr15	26700001	26800000	0.035	1.031	normal
chr15	26800001	26900000	0.018	0.946	normal
chr15	26900001	27000000	0.053	1.194	normal
chr15	27000001	27100000	0.051	1.117	normal
chr15	27100001	27200000	0.051	1.160	normal
chr15	27200001	27300000	0.028	0.991	normal
chr15	27300001	27400000	0.129	1.035	normal
chr15	27400001	27500000	0.069	0.762	normal
chr15	27500001	27600000	0.085	1.272	normal
chr15	27600001	27700000	0.067	1.247	normal
chr15	27700001	27800000	0.097	1.369	normal
chr15	27800001	27900000	0.073	1.002	normal
chr15	27900001	28000000	0.116	0.811	normal
chr15	28000001	28100000	0.063	0.864	normal
chr15	28100001	28200000	0.095	0.813	normal
chr15	28200001	28300000	0.049	1.173	normal
chr15	28300001	28400000	0.074	1.176	normal
chr15	28400001	28500000	0.134	1.065	normal
chr15	28500001	28600000	0.111	1.246	normal
chr15	28600001	28700000	0.138	1.576	normal
chr15	28700001	28800000	0.089	1.112	normal
chr15	28800001	28900000	0.063	0.956	normal
chr15	28900001	29000000	0.061	1.040	normal
chr15	29000001	29100000	0.052	0.902	normal
chr15	29100001	29200000	0.063	1.026	normal
chr15	29200001	29300000	0.062	1.129	normal
chr15	29300001	29400000	0.073	1.052	normal
chr15	29400001	29500000	0.115	0.931	normal
chr15	29500001	29600000	0.108	0.922	normal
chr15	29600001	29700000	0.153	0.778	normal
chr15	29700001	29800000	0.085	0.837	normal
chr15	29800001	29900000	0.107	0.749	normal
chr15	29900001	30000000	0.115	0.809	normal
chr15	30000001	30100000	0.106	1.004	normal
chr15	30100001	30200000	0.080	0.895	normal
chr15	30200001	30300000	0.076	1.018	normal
chr15	30300001	30400000	0.047	0.987	normal
chr15	30400001	30500000	0.133	1.024	normal
chr15	30500001	30600000	0.082	0.979	normal

chr15	30600001	30700000	0.063	0.944	normal
chr15	30700001	30800000	0.085	1.090	normal
chr15	30800001	30900000	0.078	0.903	normal
chr15	30900001	31000000	0.073	1.268	normal
chr15	31000001	31100000	0.134	1.180	normal
chr15	31100001	31200000	0.118	1.366	normal
chr15	31200001	31300000	0.065	1.545	normal
chr15	31300001	31400000	0.084	1.229	normal
chr15	31400001	31500000	0.103	0.829	normal
chr15	31500001	31600000	0.080	0.935	normal
chr15	31600001	31700000	0.094	0.927	normal
chr15	31700001	31800000	0.083	0.814	normal
chr15	31800001	31900000	0.057	1.090	normal
chr15	31900001	32000000	0.107	1.044	normal
chr15	32000001	32100000	0.060	0.957	normal
chr15	32100001	32200000	0.077	1.165	normal
chr15	32200001	32300000	0.090	1.604	normal
chr15	32300001	32400000	0.067	1.075	normal
chr15	32400001	32500000	0.198	0.986	normal
chr15	32500001	32600000	0.042	1.157	normal
chr15	32600001	32700000	0.041	1.013	normal
chr15	32700001	32800000	0.067	0.930	normal
chr15	32800001	32900000	0.068	1.064	normal
chr15	32900001	33000000	0.087	0.824	normal
chr15	33000001	33100000	0.088	0.983	normal
chr15	33100001	33200000	0.084	1.088	normal
chr15	33200001	33300000	0.036	0.916	normal
chr15	33300001	33400000	0.083	0.967	normal
chr15	33400001	33500000	0.065	0.994	normal
chr15	33500001	33600000	0.032	1.018	normal
chr15	33600001	33700000	0.073	1.006	normal
chr15	33700001	33800000	0.036	0.942	normal
chr15	33800001	33900000	0.077	1.103	normal
chr15	33900001	34000000	0.074	1.004	normal
chr15	34000001	34100000	0.065	0.791	normal
chr15	34100001	34200000	0.079	0.980	normal
chr15	34200001	34300000	0.158	0.870	normal
chr15	34300001	34400000	0.122	1.122	normal
chr15	34400001	34500000	0.111	0.924	normal
chr15	34500001	34600000	0.065	1.163	normal
chr15	34600001	34700000	0.082	0.946	normal
chr15	34700001	34800000	0.048	1.042	normal
chr15	34800001	34900000	0.096	1.080	normal
chr15	34900001	35000000	0.114	1.029	normal

chr15	35000001	35100000	0.063	1.176	normal
chr15	35100001	35200000	0.122	1.411	normal
chr15	35200001	35300000	0.199	1.272	normal
chr15	35300001	35400000	0.081	1.128	normal
chr15	35400001	35500000	0.073	1.223	normal
chr15	35500001	35600000	0.061	1.019	normal
chr15	35600001	35700000	0.063	0.929	normal
chr15	35700001	35800000	0.107	1.049	normal
chr15	35800001	35900000	0.075	0.922	normal
chr15	35900001	36000000	0.088	0.632	normal
chr15	36000001	36100000	0.138	1.107	normal
chr15	36100001	36200000	0.053	0.899	normal
chr15	36200001	36300000	0.054	1.009	normal
chr15	36300001	36400000	0.103	0.824	normal
chr15	36400001	36500000	0.065	0.923	normal
chr15	36500001	36600000	0.038	0.924	normal
chr15	36600001	36700000	0.064	0.880	normal
chr15	36700001	36800000	0.091	1.064	normal
chr15	36800001	36900000	0.082	1.155	normal
chr15	36900001	37000000	0.077	0.907	normal
chr15	37000001	37100000	0.159	1.240	normal
chr15	37100001	37200000	0.114	1.042	normal
chr15	37200001	37300000	0.105	1.258	normal
chr15	37300001	37400000	0.115	0.813	normal
chr15	37400001	37500000	0.130	0.857	normal
chr15	37500001	37600000	0.112	0.987	normal
chr15	37600001	37700000	0.108	1.075	normal
chr15	37700001	37800000	0.088	0.912	normal
chr15	37800001	37900000	0.152	1.012	normal
chr15	37900001	38000000	0.091	1.036	normal
chr15	38000001	38100000	0.109	0.976	normal
chr15	38100001	38200000	0.075	1.162	normal
chr15	38200001	38300000	0.069	1.008	normal
chr15	38300001	38400000	0.149	0.840	normal
chr15	38400001	38500000	0.112	0.672	normal
chr15	38500001	38600000	0.119	0.628	normal
chr15	38600001	38700000	0.129	0.618	normal
chr07	1	100000	0.058	1.298	normal
chr07	100001	200000	0.094	1.411	normal
chr07	200001	300000	0.048	1.060	normal
chr07	300001	400000	0.052	0.770	normal
chr07	400001	500000	0.052	0.938	normal
chr07	500001	600000	0.070	1.163	normal
chr07	600001	700000	0.078	1.052	normal

chr07	700001	800000	0.052	1.198	normal
chr07	800001	900000	0.066	1.045	normal
chr07	900001	1000000	0.100	1.115	normal
chr07	1000001	1100000	0.044	0.964	normal
chr07	1100001	1200000	0.099	1.192	normal
chr07	1200001	1300000	0.091	0.932	normal
chr07	1300001	1400000	0.036	1.033	normal
chr07	1400001	1500000	0.045	1.141	normal
chr07	1500001	1600000	0.046	1.177	normal
chr07	1600001	1700000	0.024	1.145	normal
chr07	1700001	1800000	0.034	1.094	normal
chr07	1800001	1900000	0.047	1.068	normal
chr07	1900001	2000000	0.039	1.887	normal
chr07	2000001	2100000	0.066	0.891	normal
chr07	2100001	2200000	0.028	1.093	normal
chr07	2200001	2300000	0.034	1.149	normal
chr07	2300001	2400000	0.021	1.057	normal
chr07	2400001	2500000	0.034	1.055	normal
chr07	2500001	2600000	0.027	0.877	normal
chr07	2600001	2700000	0.036	1.200	normal
chr07	2700001	2800000	0.026	1.080	normal
chr07	2800001	2900000	0.010	0.985	normal
chr07	2900001	3000000	0.022	0.959	normal
chr07	3000001	3100000	0.036	0.955	normal
chr07	3100001	3200000	0.047	0.845	normal
chr07	3200001	3300000	0.042	0.980	normal
chr07	3300001	3400000	0.062	1.063	normal
chr07	3400001	3500000	0.031	1.059	normal
chr07	3500001	3600000	0.020	1.027	normal
chr07	3600001	3700000	0.063	1.061	normal
chr07	3700001	3800000	0.062	1.095	normal
chr07	3800001	3900000	0.049	0.889	normal
chr07	3900001	4000000	0.022	1.129	normal
chr07	4000001	4100000	0.026	1.005	normal
chr07	4100001	4200000	0.019	1.093	normal
chr07	4200001	4300000	0.014	1.064	normal
chr07	4300001	4400000	0.025	1.085	normal
chr07	4400001	4500000	0.034	1.022	normal
chr07	4500001	4600000	0.014	1.037	normal
chr07	4600001	4700000	0.038	0.989	normal
chr07	4700001	4800000	0.029	1.147	normal
chr07	4800001	4900000	0.059	1.082	normal
chr07	4900001	5000000	0.057	0.912	normal
chr07	5000001	5100000	0.069	1.720	normal

chr07	5100001	5200000	0.034	1.077	normal
chr07	5200001	5300000	0.034	1.174	normal
chr07	5300001	5400000	0.030	1.253	normal
chr07	5400001	5500000	0.028	1.084	normal
chr07	5500001	5600000	0.051	1.154	normal
chr07	5600001	5700000	0.048	1.110	normal
chr07	5700001	5800000	0.038	0.988	normal
chr07	5800001	5900000	0.045	1.164	normal
chr07	5900001	6000000	0.032	0.928	normal
chr07	6000001	6100000	0.042	1.284	normal
chr07	6100001	6200000	0.030	0.994	normal
chr07	6200001	6300000	0.026	1.062	normal
chr07	6300001	6400000	0.037	1.141	normal
chr07	6400001	6500000	0.027	1.051	normal
chr07	6500001	6600000	0.025	1.089	normal
chr07	6600001	6700000	0.026	1.092	normal
chr07	6700001	6800000	0.025	1.078	normal
chr07	6800001	6900000	0.022	1.111	normal
chr07	6900001	7000000	0.042	1.329	normal
chr07	7000001	7100000	0.035	0.965	normal
chr07	7100001	7200000	0.034	1.063	normal
chr07	7200001	7300000	0.041	1.086	normal
chr07	7300001	7400000	0.044	1.278	normal
chr07	7400001	7500000	0.042	1.078	normal
chr07	7500001	7600000	0.078	1.193	normal
chr07	7600001	7700000	0.024	1.046	normal
chr07	7700001	7800000	0.056	1.058	normal
chr07	7800001	7900000	0.054	1.193	normal
chr07	7900001	8000000	0.032	1.123	normal
chr07	8000001	8100000	0.007	1.003	normal
chr07	8100001	8200000	0.009	0.992	normal
chr07	8200001	8300000	0.040	0.942	normal
chr07	8300001	8400000	0.073	1.099	normal
chr07	8400001	8500000	0.052	0.973	normal
chr07	8500001	8600000	0.048	1.116	normal
chr07	8600001	8700000	0.061	0.898	normal
chr07	8700001	8800000	0.042	0.893	normal
chr07	8800001	8900000	0.061	0.896	normal
chr07	8900001	9000000	0.030	1.043	normal
chr07	9000001	9100000	0.042	1.386	normal
chr07	9100001	9200000	0.042	0.867	normal
chr07	9200001	9300000	0.026	1.014	normal
chr07	9300001	9400000	0.041	0.924	normal
chr07	9400001	9500000	0.015	1.027	normal

chr07	9500001	9600000	0.038	0.969	normal
chr07	9600001	9700000	0.034	1.040	normal
chr07	9700001	9800000	0.016	1.097	normal
chr07	9800001	9900000	0.031	1.008	normal
chr07	9900001	10000000	0.035	1.105	normal
chr07	10000001	10100000	0.046	1.069	normal
chr07	10100001	10200000	0.036	1.274	normal
chr07	10200001	10300000	0.038	0.977	normal
chr07	10300001	10400000	0.024	0.990	normal
chr07	10400001	10500000	0.031	1.171	normal
chr07	10500001	10600000	0.047	1.192	normal
chr07	10600001	10700000	0.053	0.878	normal
chr07	10700001	10800000	0.023	1.060	normal
chr07	10800001	10900000	0.086	1.198	normal
chr07	10900001	11000000	0.080	1.061	normal
chr07	11000001	11100000	0.037	1.045	normal
chr07	11100001	11200000	0.064	1.099	normal
chr07	11200001	11300000	0.039	0.927	normal
chr07	11300001	11400000	0.052	0.933	normal
chr07	11400001	11500000	0.051	0.966	normal
chr07	11500001	11600000	0.048	1.277	normal
chr07	11600001	11700000	0.064	1.202	normal
chr07	11700001	11800000	0.089	1.077	normal
chr07	11800001	11900000	0.053	1.256	normal
chr07	11900001	12000000	0.045	1.179	normal
chr07	12000001	12100000	0.032	1.211	normal
chr07	12100001	12200000	0.026	1.146	normal
chr07	12200001	12300000	0.083	1.363	normal
chr07	12300001	12400000	0.115	1.086	normal
chr07	12400001	12500000	0.073	1.142	normal
chr07	12500001	12600000	0.021	1.153	normal
chr07	12600001	12700000	0.066	1.100	normal
chr07	12700001	12800000	0.130	1.228	normal
chr07	12800001	12900000	0.089	1.303	normal
chr07	12900001	13000000	0.053	1.041	normal
chr07	13000001	13100000	0.054	1.149	normal
chr07	13100001	13200000	0.112	0.951	normal
chr07	13200001	13300000	0.049	1.203	normal
chr07	13300001	13400000	0.066	0.910	normal
chr07	13400001	13500000	0.031	1.202	normal
chr07	13500001	13600000	0.035	1.012	normal
chr07	13600001	13700000	0.027	1.041	normal
chr07	13700001	13800000	0.026	1.062	normal
chr07	13800001	13900000	0.051	1.470	normal

chr07	13900001	14000000	0.043	1.458	normal
chr07	14000001	14100000	0.033	1.289	normal
chr07	14100001	14200000	0.041	0.992	normal
chr07	14200001	14300000	0.047	1.022	normal
chr07	14300001	14400000	0.063	0.961	normal
chr07	14400001	14500000	0.028	0.911	normal
chr07	14500001	14600000	0.066	1.135	normal
chr07	14600001	14700000	0.048	1.345	normal
chr07	14700001	14800000	0.030	1.092	normal
chr07	14800001	14900000	0.026	1.048	normal
chr07	14900001	15000000	0.052	0.990	normal
chr07	15000001	15100000	0.020	1.258	normal
chr07	15100001	15200000	0.047	0.934	normal
chr07	15200001	15300000	0.033	1.168	normal
chr07	15300001	15400000	0.036	0.964	normal
chr07	15400001	15500000	0.019	1.031	normal
chr07	15500001	15600000	0.024	0.960	normal
chr07	15600001	15700000	0.012	1.032	normal
chr07	15700001	15800000	0.021	0.938	normal
chr07	15800001	15900000	0.009	1.001	normal
chr07	15900001	16000000	0.014	1.136	normal
chr07	16000001	16100000	0.018	1.176	normal
chr07	16100001	16200000	0.036	1.086	normal
chr07	16200001	16300000	0.012	0.908	normal
chr07	16300001	16400000	0.019	0.935	normal
chr07	16400001	16500000	0.026	0.971	normal
chr07	16500001	16600000	0.033	1.309	normal
chr07	16600001	16700000	0.027	1.174	normal
chr07	16700001	16800000	0.051	1.016	normal
chr07	16800001	16900000	0.061	1.234	normal
chr07	16900001	17000000	0.023	1.243	normal
chr07	17000001	17100000	0.036	1.188	normal
chr07	17100001	17200000	0.039	1.553	normal
chr07	17200001	17300000	0.069	1.649	normal
chr07	17300001	17400000	0.053	1.011	normal
chr07	17400001	17500000	0.099	0.810	normal
chr07	17500001	17600000	0.057	0.852	normal
chr07	17600001	17700000	0.035	0.882	normal
chr07	17700001	17800000	0.021	0.940	normal
chr07	17800001	17900000	0.090	0.801	normal
chr07	17900001	18000000	0.127	1.942	normal
chr07	18000001	18100000	0.062	1.219	normal
chr07	18100001	18200000	0.167	1.678	sig
chr07	18200001	18300000	0.084	1.469	normal

chr07	18300001	18400000	0.052	0.910	normal
chr07	18400001	18500000	0.020	0.947	normal
chr07	18500001	18600000	0.051	1.145	normal
chr07	18600001	18700000	0.027	0.905	normal
chr07	18700001	18800000	0.023	0.878	normal
chr07	18800001	18900000	0.028	0.884	normal
chr07	18900001	19000000	0.049	0.822	normal
chr07	19000001	19100000	0.031	0.911	normal
chr07	19100001	19200000	0.059	0.801	normal
chr07	19200001	19300000	0.095	0.606	normal
chr07	19300001	19400000	0.114	0.512	normal
chr07	19400001	19500000	0.052	0.658	normal
chr07	19500001	19600000	0.039	0.893	normal
chr07	19600001	19700000	0.035	0.959	normal
chr07	19700001	19800000	0.024	1.035	normal
chr07	19800001	19900000	0.071	1.085	normal
chr07	19900001	20000000	0.100	0.920	normal
chr07	20000001	20100000	0.012	1.051	normal
chr07	20100001	20200000	0.038	1.307	normal
chr07	20200001	20300000	0.037	0.898	normal
chr07	20300001	20400000	0.023	0.842	normal
chr07	20400001	20500000	0.025	0.887	normal
chr07	20500001	20600000	0.059	1.117	normal
chr07	20600001	20700000	0.058	1.094	normal
chr07	20700001	20800000	0.060	1.110	normal
chr07	20800001	20900000	0.041	1.052	normal
chr07	20900001	21000000	0.078	1.345	normal
chr07	21000001	21100000	0.075	1.365	normal
chr07	21100001	21200000	0.078	1.086	normal
chr07	21200001	21300000	0.031	0.955	normal
chr07	21300001	21400000	0.053	0.966	normal
chr07	21400001	21500000	0.026	0.974	normal
chr07	21500001	21600000	0.062	1.061	normal
chr07	21600001	21700000	0.079	0.892	normal
chr07	21700001	21800000	0.056	1.082	normal
chr07	21800001	21900000	0.071	1.091	normal
chr07	21900001	22000000	0.070	1.419	normal
chr07	22000001	22100000	0.050	1.059	normal
chr07	22100001	22200000	0.062	0.990	normal
chr07	22200001	22300000	0.055	1.010	normal
chr07	22300001	22400000	0.064	0.746	normal
chr07	22400001	22500000	0.078	0.983	normal
chr07	22500001	22600000	0.074	0.910	normal
chr07	22600001	22700000	0.063	1.055	normal

chr07	22700001	22800000	0.089	0.968	normal
chr07	22800001	22900000	0.053	1.065	normal
chr07	22900001	23000000	0.066	1.024	normal
chr07	23000001	23100000	0.057	1.161	normal
chr07	23100001	23200000	0.057	1.246	normal
chr07	23200001	23300000	0.054	1.150	normal
chr07	23300001	23400000	0.080	1.145	normal
chr07	23400001	23500000	0.013	1.326	normal
chr07	23500001	23600000	0.062	1.634	normal
chr07	23600001	23700000	0.045	1.022	normal
chr07	23700001	23800000	0.049	1.053	normal
chr07	23800001	23900000	0.084	1.018	normal
chr07	23900001	24000000	0.067	1.049	normal
chr07	24000001	24100000	0.069	1.194	normal
chr07	24100001	24200000	0.050	1.101	normal
chr07	24200001	24300000	0.061	1.070	normal
chr07	24300001	24400000	0.081	0.895	normal
chr07	24400001	24500000	0.044	1.095	normal
chr07	24500001	24600000	0.065	1.127	normal
chr07	24600001	24700000	0.073	1.214	normal
chr07	24700001	24800000	0.077	1.149	normal
chr07	24800001	24900000	0.027	0.937	normal
chr07	24900001	25000000	0.048	1.070	normal
chr07	25000001	25100000	0.029	1.123	normal
chr07	25100001	25200000	0.033	1.080	normal
chr07	25200001	25300000	0.056	1.010	normal
chr07	25300001	25400000	0.086	0.951	normal
chr07	25400001	25500000	0.046	0.989	normal
chr07	25500001	25600000	0.038	0.932	normal
chr07	25600001	25700000	0.059	0.978	normal
chr07	25700001	25800000	0.061	0.953	normal
chr07	25800001	25900000	0.029	0.981	normal
chr07	25900001	26000000	0.025	1.124	normal
chr07	26000001	26100000	0.061	0.883	normal
chr07	26100001	26200000	0.084	0.926	normal
chr07	26200001	26300000	0.073	0.952	normal
chr07	26300001	26400000	0.036	1.145	normal
chr07	26400001	26500000	0.094	0.867	normal
chr07	26500001	26600000	0.073	0.897	normal
chr07	26600001	26700000	0.041	0.950	normal
chr07	26700001	26800000	0.065	0.886	normal
chr07	26800001	26900000	0.076	0.975	normal
chr07	26900001	27000000	0.022	1.033	normal
chr07	27000001	27100000	0.047	1.138	normal

chr07	27100001	27200000	0.041	1.034	normal
chr07	27200001	27300000	0.028	1.051	normal
chr07	27300001	27400000	0.029	0.911	normal
chr07	27400001	27500000	0.046	1.046	normal
chr07	27500001	27600000	0.052	0.930	normal
chr07	27600001	27700000	0.052	1.059	normal
chr07	27700001	27800000	0.046	1.053	normal
chr07	27800001	27900000	0.041	1.112	normal
chr07	27900001	28000000	0.094	1.304	normal
chr07	28000001	28100000	0.016	0.753	normal
chr07	28100001	28200000	0.023	0.937	normal
chr07	28200001	28300000	0.043	1.002	normal
chr07	28300001	28400000	0.050	0.954	normal
chr07	28400001	28500000	0.092	0.877	normal
chr07	28500001	28600000	0.088	1.635	normal
chr07	28600001	28700000	0.055	1.729	normal
chr07	28700001	28800000	0.029	1.218	normal
chr07	28800001	28900000	0.026	1.267	normal
chr07	28900001	29000000	0.007	1.046	normal
chr07	29000001	29100000	0.016	1.071	normal
chr07	29100001	29200000	0.022	1.040	normal
chr07	29200001	29300000	0.039	0.844	normal
chr07	29300001	29400000	0.028	0.905	normal
chr07	29400001	29500000	0.044	1.152	normal
chr07	29500001	29600000	0.043	1.173	normal
chr07	29600001	29700000	0.058	0.939	normal
chr07	29700001	29800000	0.086	1.820	normal
chr07	29800001	29900000	0.051	1.258	normal
chr07	29900001	30000000	0.073	0.963	normal
chr07	30000001	30100000	0.053	1.677	normal
chr07	30100001	30200000	0.041	1.022	normal
chr07	30200001	30300000	0.042	1.082	normal
chr07	30300001	30400000	0.046	1.032	normal
chr07	30400001	30500000	0.093	0.954	normal
chr07	30500001	30600000	0.058	0.928	normal
chr07	30600001	30700000	0.040	1.068	normal
chr07	30700001	30800000	0.042	1.301	normal
chr07	30800001	30900000	0.043	1.204	normal
chr07	30900001	31000000	0.045	1.461	normal
chr07	31000001	31100000	0.029	1.054	normal
chr07	31100001	31200000	0.055	0.833	normal
chr07	31200001	31300000	0.048	0.929	normal
chr07	31300001	31400000	0.084	0.906	normal
chr07	31400001	31500000	0.025	0.893	normal

chr07	31500001	31600000	0.051	1.094	normal
chr07	31600001	31700000	0.029	1.118	normal
chr07	31700001	31800000	0.033	0.954	normal
chr07	31800001	31900000	0.039	1.042	normal
chr07	31900001	32000000	0.087	1.893	normal
chr07	32000001	32100000	0.073	0.944	normal
chr07	32100001	32200000	0.079	0.914	normal
chr07	32200001	32300000	0.167	0.434	normal
chr07	32300001	32400000	0.020	1.005	normal
chr07	32400001	32500000	0.044	1.057	normal
chr07	32500001	32600000	0.162	1.408	normal
chr07	32600001	32700000	0.021	0.964	normal
chr07	32700001	32800000	0.095	1.091	normal
chr07	32800001	32900000	0.052	0.912	normal
chr07	32900001	33000000	0.055	0.983	normal
chr07	33000001	33100000	0.060	0.950	normal
chr07	33100001	33200000	0.033	1.082	normal
chr07	33200001	33300000	0.083	0.831	normal
chr07	33300001	33400000	0.072	0.971	normal
chr07	33400001	33500000	0.056	0.879	normal
chr07	33500001	33600000	0.037	1.254	normal
chr07	33600001	33700000	0.033	0.858	normal
chr07	33700001	33800000	0.015	0.916	normal
chr07	33800001	33900000	0.018	0.961	normal
chr07	33900001	34000000	0.060	0.734	normal
chr07	34000001	34100000	0.068	1.296	normal
chr07	34100001	34200000	0.068	0.969	normal
chr07	34200001	34300000	0.016	0.991	normal
chr07	34300001	34400000	0.038	1.117	normal
chr07	34400001	34500000	0.065	1.215	normal
chr07	34500001	34600000	0.039	0.936	normal
chr07	34600001	34700000	0.043	0.958	normal
chr07	34700001	34800000	0.043	1.120	normal
chr07	34800001	34900000	0.055	0.691	normal
chr07	34900001	35000000	0.036	1.050	normal
chr07	35000001	35100000	0.070	1.176	normal
chr07	35100001	35200000	0.036	1.295	normal
chr07	35200001	35300000	0.047	1.195	normal
chr07	35300001	35400000	0.079	0.519	normal
chr07	35400001	35500000	0.218	0.536	normal
chr07	35500001	35600000	0.065	0.906	normal
chr07	35600001	35700000	0.057	0.962	normal
chr07	35700001	35800000	0.053	1.017	normal
chr07	35800001	35900000	0.033	1.055	normal

chr07	35900001	36000000	0.059	1.078	normal
chr07	36000001	36100000	0.059	0.845	normal
chr07	36100001	36200000	0.071	1.198	normal
chr07	36200001	36300000	0.093	1.235	normal
chr07	36300001	36400000	0.049	1.005	normal
chr07	36400001	36500000	0.039	0.996	normal
chr07	36500001	36600000	0.013	0.997	normal
chr07	36600001	36700000	-0.001	1.009	normal
chr07	36700001	36800000	0.005	1.012	normal
chr07	36800001	36900000	0.015	0.917	normal
chr07	36900001	37000000	0.019	1.122	normal
chr07	37000001	37100000	0.035	1.054	normal
chr07	37100001	37200000	0.088	0.888	normal
chr07	37200001	37300000	0.037	0.941	normal
chr07	37300001	37400000	0.093	0.932	normal
chr07	37400001	37500000	0.071	1.019	normal
chr07	37500001	37600000	0.006	1.029	normal
chr07	37600001	37700000	0.045	0.899	normal
chr07	37700001	37800000	0.045	0.997	normal
chr07	37800001	37900000	0.065	1.167	normal
chr07	37900001	38000000	0.049	1.123	normal
chr07	38000001	38100000	0.050	1.075	normal
chr07	38100001	38200000	0.055	1.086	normal
chr07	38200001	38300000	0.044	1.077	normal
chr07	38300001	38400000	0.058	0.945	normal
chr07	38400001	38500000	0.064	0.971	normal
chr07	38500001	38600000	0.079	0.916	normal
chr06	1	100000	0.071	1.532	normal
chr06	100001	200000	0.147	1.559	normal
chr06	200001	300000	0.060	1.363	normal
chr06	300001	400000	0.123	1.246	normal
chr06	400001	500000	0.075	1.687	normal
chr06	500001	600000	0.061	1.215	normal
chr06	600001	700000	0.044	1.263	normal
chr06	700001	800000	0.042	0.998	normal
chr06	800001	900000	0.016	1.045	normal
chr06	900001	1000000	0.012	0.938	normal
chr06	1000001	1100000	0.073	0.892	normal
chr06	1100001	1200000	0.059	1.036	normal
chr06	1200001	1300000	0.030	1.036	normal
chr06	1300001	1400000	0.076	1.032	normal
chr06	1400001	1500000	0.082	0.866	normal
chr06	1500001	1600000	0.092	1.885	normal
chr06	1600001	1700000	0.050	0.990	normal

chr06	1700001	1800000	0.061	1.021	normal
chr06	1800001	1900000	0.024	1.031	normal
chr06	1900001	2000000	0.022	1.090	normal
chr06	2000001	2100000	0.037	1.040	normal
chr06	2100001	2200000	0.060	1.075	normal
chr06	2200001	2300000	0.063	1.095	normal
chr06	2300001	2400000	0.065	0.900	normal
chr06	2400001	2500000	0.030	1.214	normal
chr06	2500001	2600000	0.021	1.055	normal
chr06	2600001	2700000	0.077	0.920	normal
chr06	2700001	2800000	0.133	0.862	normal
chr06	2800001	2900000	0.061	1.165	normal
chr06	2900001	3000000	0.071	1.171	normal
chr06	3000001	3100000	0.053	0.856	normal
chr06	3100001	3200000	0.042	0.794	normal
chr06	3200001	3300000	0.045	1.027	normal
chr06	3300001	3400000	0.076	1.000	normal
chr06	3400001	3500000	0.114	0.774	normal
chr06	3500001	3600000	0.074	0.805	normal
chr06	3600001	3700000	0.109	0.555	normal
chr06	3700001	3800000	0.139	0.912	normal
chr06	3800001	3900000	0.144	1.657	normal
chr06	3900001	4000000	0.139	1.271	normal
chr06	4000001	4100000	0.192	1.130	normal
chr06	4100001	4200000	0.133	1.711	normal
chr06	4200001	4300000	0.122	1.951	normal
chr06	4300001	4400000	0.116	1.948	normal
chr06	4400001	4500000	0.074	1.826	normal
chr06	4500001	4600000	0.055	1.453	normal
chr06	4600001	4700000	0.121	1.234	normal
chr06	4700001	4800000	0.058	1.066	normal
chr06	4800001	4900000	0.066	0.951	normal
chr06	4900001	5000000	0.204	0.703	normal
chr06	5000001	5100000	0.077	0.977	normal
chr06	5100001	5200000	0.038	1.355	normal
chr06	5200001	5300000	0.032	0.944	normal
chr06	5300001	5400000	0.028	0.963	normal
chr06	5400001	5500000	0.045	0.995	normal
chr06	5500001	5600000	0.022	1.003	normal
chr06	5600001	5700000	0.030	1.031	normal
chr06	5700001	5800000	0.024	0.943	normal
chr06	5800001	5900000	0.034	1.088	normal
chr06	5900001	6000000	0.090	1.096	normal
chr06	6000001	6100000	0.059	1.071	normal

chr06	6100001	6200000	0.123	0.695	normal
chr06	6200001	6300000	0.091	0.924	normal
chr06	6300001	6400000	0.109	1.024	normal
chr06	6400001	6500000	0.074	0.978	normal
chr06	6500001	6600000	0.048	1.046	normal
chr06	6600001	6700000	0.100	1.239	normal
chr06	6700001	6800000	0.072	0.957	normal
chr06	6800001	6900000	0.060	0.970	normal
chr06	6900001	7000000	0.097	1.304	normal
chr06	7000001	7100000	0.070	0.875	normal
chr06	7100001	7200000	0.100	1.248	normal
chr06	7200001	7300000	0.093	1.203	normal
chr06	7300001	7400000	0.081	1.606	normal
chr06	7400001	7500000	0.055	1.300	normal
chr06	7500001	7600000	0.055	1.117	normal
chr06	7600001	7700000	0.083	0.981	normal
chr06	7700001	7800000	0.016	0.987	normal
chr06	7800001	7900000	0.025	1.019	normal
chr06	7900001	8000000	0.079	1.007	normal
chr06	8000001	8100000	0.069	0.934	normal
chr06	8100001	8200000	0.101	1.202	normal
chr06	8200001	8300000	0.043	1.296	normal
chr06	8300001	8400000	0.069	1.150	normal
chr06	8400001	8500000	0.138	0.863	normal
chr06	8500001	8600000	0.069	1.053	normal
chr06	8600001	8700000	0.068	0.893	normal
chr06	8700001	8800000	0.082	1.011	normal
chr06	8800001	8900000	0.183	0.687	normal
chr06	8900001	9000000	0.153	1.078	normal
chr06	9000001	9100000	0.057	1.546	normal
chr06	9100001	9200000	0.070	1.029	normal
chr06	9200001	9300000	0.085	1.797	normal
chr06	9300001	9400000	0.102	1.113	normal
chr06	9400001	9500000	0.072	1.240	normal
chr06	9500001	9600000	0.125	0.923	normal
chr06	9600001	9700000	0.212	0.555	normal
chr06	9700001	9800000	0.197	0.494	normal
chr06	9800001	9900000	0.106	0.684	normal
chr06	9900001	10000000	0.135	0.734	normal
chr06	10000001	10100000	0.098	0.908	normal
chr06	10100001	10200000	0.076	0.892	normal
chr06	10200001	10300000	0.067	0.913	normal
chr06	10300001	10400000	0.070	0.864	normal
chr06	10400001	10500000	0.116	0.736	normal

chr06	10500001	10600000	0.129	0.730	normal
chr06	10600001	10700000	0.090	0.869	normal
chr06	10700001	10800000	0.126	0.699	normal
chr06	10800001	10900000	0.110	0.843	normal
chr06	10900001	11000000	0.094	0.802	normal
chr06	11000001	11100000	0.102	0.644	normal
chr06	11100001	11200000	0.091	0.822	normal
chr06	11200001	11300000	0.120	1.176	normal
chr06	11300001	11400000	0.076	1.012	normal
chr06	11400001	11500000	0.145	1.175	normal
chr06	11500001	11600000	0.194	1.248	normal
chr06	11600001	11700000	0.168	1.535	sig
chr06	11700001	11800000	0.107	1.384	normal
chr06	11800001	11900000	0.116	0.905	normal
chr06	11900001	12000000	0.113	1.274	normal
chr06	12000001	12100000	0.042	0.879	normal
chr06	12100001	12200000	0.074	0.918	normal
chr06	12200001	12300000	0.111	0.823	normal
chr06	12300001	12400000	0.160	0.687	normal
chr06	12400001	12500000	0.095	1.032	normal
chr06	12500001	12600000	0.047	1.459	normal
chr06	12600001	12700000	0.048	1.472	normal
chr06	12700001	12800000	0.085	2.469	normal
chr06	12800001	12900000	0.109	0.955	normal
chr06	12900001	13000000	0.167	0.609	normal
chr06	13000001	13100000	0.119	1.086	normal
chr06	13100001	13200000	0.110	1.078	normal
chr06	13200001	13300000	0.105	0.907	normal
chr06	13300001	13400000	0.082	0.956	normal
chr06	13400001	13500000	0.049	1.190	normal
chr06	13500001	13600000	0.063	1.405	normal
chr06	13600001	13700000	0.157	0.821	normal
chr06	13700001	13800000	0.222	0.662	normal
chr06	13800001	13900000	0.162	0.920	normal
chr06	13900001	14000000	0.173	1.174	normal
chr06	14000001	14100000	0.146	0.824	normal
chr06	14100001	14200000	0.029	1.125	normal
chr06	14200001	14300000	0.095	1.718	normal
chr06	14300001	14400000	0.074	1.074	normal
chr06	14400001	14500000	0.074	0.902	normal
chr06	14500001	14600000	0.023	1.080	normal
chr06	14600001	14700000	0.046	1.015	normal
chr06	14700001	14800000	0.070	0.888	normal
chr06	14800001	14900000	0.027	1.045	normal

chr06	14900001	15000000	0.026	1.036	normal
chr06	15000001	15100000	0.019	1.073	normal
chr06	15100001	15200000	0.160	0.536	normal
chr06	15200001	15300000	0.085	2.080	normal
chr06	15300001	15400000	0.093	0.877	normal
chr06	15400001	15500000	0.091	0.987	normal
chr06	15500001	15600000	0.146	0.595	normal
chr06	15600001	15700000	0.068	0.819	normal
chr06	15700001	15800000	0.090	1.204	normal
chr06	15800001	15900000	0.068	1.121	normal
chr06	15900001	16000000	0.072	0.782	normal
chr06	16000001	16100000	0.092	0.955	normal
chr06	16100001	16200000	0.077	0.559	normal
chr06	16200001	16300000	0.064	1.378	normal
chr06	16300001	16400000	0.129	1.470	normal
chr06	16400001	16500000	0.118	1.500	normal
chr06	16500001	16600000	0.074	1.060	normal
chr06	16600001	16700000	0.093	0.785	normal
chr06	16700001	16800000	0.108	0.651	normal
chr06	16800001	16900000	0.131	0.809	normal
chr06	16900001	17000000	0.100	0.694	normal
chr06	17000001	17100000	0.251	1.265	normal
chr06	17100001	17200000	0.114	1.125	normal
chr06	17200001	17300000	0.125	1.036	normal
chr06	17300001	17400000	0.039	1.021	normal
chr06	17400001	17500000	0.043	0.942	normal
chr06	17500001	17600000	0.032	0.889	normal
chr06	17600001	17700000	0.095	0.864	normal
chr06	17700001	17800000	0.081	0.741	normal
chr06	17800001	17900000	0.106	0.969	normal
chr06	17900001	18000000	0.089	0.810	normal
chr06	18000001	18100000	0.088	0.967	normal
chr06	18100001	18200000	0.143	0.803	normal
chr06	18200001	18300000	0.091	0.886	normal
chr06	18300001	18400000	0.026	0.917	normal
chr06	18400001	18500000	0.062	0.894	normal
chr06	18500001	18600000	0.098	1.016	normal
chr06	18600001	18700000	0.098	0.938	normal
chr06	18700001	18800000	0.089	0.876	normal
chr06	18800001	18900000	0.140	0.846	normal
chr06	18900001	19000000	0.093	1.069	normal
chr06	19000001	19100000	0.142	1.322	normal
chr06	19100001	19200000	0.086	1.152	normal
chr06	19200001	19300000	0.097	0.989	normal

chr06	19300001	19400000	0.086	0.910	normal
chr06	19400001	19500000	0.093	1.087	normal
chr06	19500001	19600000	0.107	1.112	normal
chr06	19600001	19700000	0.073	0.973	normal
chr06	19700001	19800000	0.095	1.669	normal
chr06	19800001	19900000	0.179	0.683	normal
chr06	19900001	20000000	0.138	2.453	normal
chr06	20000001	20100000	0.076	1.134	normal
chr06	20100001	20200000	0.068	1.055	normal
chr06	20200001	20300000	0.126	0.848	normal
chr06	20300001	20400000	0.194	1.391	normal
chr06	20400001	20500000	0.265	1.789	sig
chr06	20500001	20600000	0.127	0.907	normal
chr06	20600001	20700000	0.129	0.811	normal
chr06	20700001	20800000	0.094	0.975	normal
chr06	20800001	20900000	0.039	1.036	normal
chr06	20900001	21000000	0.145	0.909	normal
chr06	21000001	21100000	0.095	1.206	normal
chr06	21100001	21200000	0.086	0.854	normal
chr06	21200001	21300000	0.052	0.929	normal
chr06	21300001	21400000	0.112	1.358	normal
chr06	21400001	21500000	0.078	1.044	normal
chr06	21500001	21600000	0.055	1.007	normal
chr06	21600001	21700000	0.064	1.128	normal
chr06	21700001	21800000	0.082	0.982	normal
chr06	21800001	21900000	0.113	0.883	normal
chr06	21900001	22000000	0.101	0.927	normal
chr06	22000001	22100000	0.146	1.268	normal
chr06	22100001	22200000	0.121	1.148	normal
chr06	22200001	22300000	0.088	1.001	normal
chr06	22300001	22400000	0.065	0.979	normal
chr06	22400001	22500000	0.129	1.123	normal
chr06	22500001	22600000	0.049	1.001	normal
chr06	22600001	22700000	0.095	0.823	normal
chr06	22700001	22800000	0.067	1.000	normal
chr06	22800001	22900000	0.047	0.931	normal
chr06	22900001	23000000	0.099	1.602	normal
chr06	23000001	23100000	0.133	1.231	normal
chr06	23100001	23200000	0.174	1.317	normal
chr06	23200001	23300000	0.081	1.349	normal
chr06	23300001	23400000	0.041	1.172	normal
chr06	23400001	23500000	0.019	1.076	normal
chr06	23500001	23600000	0.030	0.946	normal
chr06	23600001	23700000	0.160	0.737	normal

chr06	23700001	23800000	0.126	1.425	normal
chr06	23800001	23900000	0.100	0.969	normal
chr06	23900001	24000000	0.117	1.016	normal
chr06	24000001	24100000	0.158	0.704	normal
chr06	24100001	24200000	0.170	0.759	normal
chr06	24200001	24300000	0.057	1.018	normal
chr06	24300001	24400000	0.097	0.963	normal
chr06	24400001	24500000	0.179	0.885	normal
chr06	24500001	24600000	0.225	0.857	normal
chr06	24600001	24700000	0.180	0.772	normal
chr06	24700001	24800000	0.212	0.424	normal
chr06	24800001	24900000	0.111	0.782	normal
chr06	24900001	25000000	0.040	0.983	normal
chr06	25000001	25100000	0.084	0.824	normal
chr06	25100001	25200000	0.132	0.640	normal
chr06	25200001	25300000	0.123	1.703	normal
chr06	25300001	25400000	0.055	1.402	normal
chr06	25400001	25500000	0.064	1.108	normal
chr06	25500001	25600000	0.053	1.041	normal
chr06	25600001	25700000	0.057	0.985	normal
chr06	25700001	25800000	0.232	1.424	normal
chr06	25800001	25900000	0.053	1.213	normal
chr06	25900001	26000000	0.135	0.610	normal
chr06	26000001	26100000	0.067	0.716	normal
chr06	26100001	26200000	0.063	0.840	normal
chr06	26200001	26300000	0.156	0.651	normal
chr06	26300001	26400000	0.109	1.516	normal
chr06	26400001	26500000	0.098	1.806	normal
chr06	26500001	26600000	0.088	1.080	normal
chr06	26600001	26700000	0.075	1.144	normal
chr06	26700001	26800000	0.127	0.999	normal
chr06	26800001	26900000	0.148	1.058	normal
chr06	26900001	27000000	0.142	0.966	normal
chr06	27000001	27100000	0.167	1.008	normal
chr06	27100001	27200000	0.146	1.203	normal
chr06	27200001	27300000	0.129	1.744	normal
chr06	27300001	27400000	0.048	1.405	normal
chr06	27400001	27500000	0.059	1.033	normal
chr06	27500001	27600000	0.107	1.157	normal
chr06	27600001	27700000	0.033	1.697	normal
chr06	27700001	27800000	0.139	0.806	normal
chr06	27800001	27900000	0.207	0.372	normal
chr06	27900001	28000000	0.129	0.969	normal
chr06	28000001	28100000	0.135	1.128	normal

chr06	28100001	28200000	0.150	0.969	normal
chr06	28200001	28300000	0.143	1.451	normal
chr06	28300001	28400000	0.048	1.053	normal
chr06	28400001	28500000	0.121	1.180	normal
chr06	28500001	28600000	0.130	1.190	normal
chr06	28600001	28700000	0.256	0.551	normal
chr06	28700001	28800000	0.093	0.926	normal
chr06	28800001	28900000	0.131	1.506	normal
chr06	28900001	29000000	0.113	0.831	normal
chr06	29000001	29100000	0.088	1.175	normal
chr06	29100001	29200000	0.082	1.340	normal
chr06	29200001	29300000	0.061	1.093	normal
chr06	29300001	29400000	0.071	0.937	normal
chr06	29400001	29500000	0.090	0.985	normal
chr06	29500001	29600000	0.217	0.870	normal
chr06	29600001	29700000	0.095	1.114	normal
chr06	29700001	29800000	0.180	1.705	sig
chr06	29800001	29900000	0.157	1.008	normal
chr06	29900001	30000000	0.153	1.193	normal
chr06	30000001	30100000	0.077	0.851	normal
chr06	30100001	30200000	0.087	1.392	normal
chr06	30200001	30300000	0.135	0.918	normal
chr06	30300001	30400000	0.057	1.154	normal
chr06	30400001	30500000	0.043	1.212	normal
chr06	30500001	30600000	0.121	1.256	normal
chr06	30600001	30700000	0.082	1.584	normal
chr06	30700001	30800000	0.185	1.158	normal
chr06	30800001	30900000	0.136	0.910	normal
chr06	30900001	31000000	0.019	1.341	normal
chr06	31000001	31100000	0.070	1.399	normal
chr06	31100001	31200000	0.161	1.857	sig
chr06	31200001	31300000	0.143	0.989	normal
chr06	31300001	31400000	0.106	1.325	normal
chr06	31400001	31500000	0.109	0.809	normal
chr06	31500001	31600000	0.145	1.153	normal
chr06	31600001	31700000	0.159	1.220	normal
chr06	31700001	31800000	0.083	1.522	normal
chr06	31800001	31900000	0.092	1.586	normal
chr06	31900001	32000000	0.024	1.176	normal
chr06	32000001	32100000	0.094	1.441	normal
chr06	32100001	32200000	0.227	0.693	normal
chr06	32200001	32300000	0.136	1.228	normal
chr06	32300001	32400000	0.097	1.111	normal
chr06	32400001	32500000	0.128	1.254	normal

chr06	32500001	32600000	0.123	1.260	normal
chr06	32600001	32700000	0.171	1.352	normal
chr06	32700001	32800000	0.180	1.293	normal
chr06	32800001	32900000	0.138	1.349	normal
chr06	32900001	33000000	0.088	1.486	normal
chr06	33000001	33100000	0.056	1.643	normal
chr06	33100001	33200000	0.087	1.630	normal
chr06	33200001	33300000	0.140	0.976	normal
chr06	33300001	33400000	0.159	0.859	normal
chr06	33400001	33500000	0.076	1.413	normal
chr06	33500001	33600000	0.025	1.045	normal
chr06	33600001	33700000	0.054	1.064	normal
chr06	33700001	33800000	0.052	1.128	normal
chr06	33800001	33900000	0.210	1.218	normal
chr06	33900001	34000000	0.077	1.006	normal
chr06	34000001	34100000	0.028	0.982	normal
chr06	34100001	34200000	0.022	0.985	normal
chr06	34200001	34300000	0.019	0.993	normal
chr06	34300001	34400000	0.127	1.376	normal
chr06	34400001	34500000	0.075	1.050	normal
chr06	34500001	34600000	0.057	1.039	normal
chr06	34600001	34700000	0.079	1.049	normal
chr06	34700001	34800000	0.062	1.045	normal
chr06	34800001	34900000	0.054	1.325	normal
chr06	34900001	35000000	0.069	1.456	normal
chr06	35000001	35100000	0.122	1.035	normal
chr06	35100001	35200000	0.147	1.021	normal
chr06	35200001	35300000	0.080	1.009	normal
chr06	35300001	35400000	0.078	1.065	normal
chr06	35400001	35500000	0.101	1.217	normal
chr06	35500001	35600000	0.057	1.083	normal
chr06	35600001	35700000	0.034	1.108	normal
chr06	35700001	35800000	0.065	1.047	normal
chr06	35800001	35900000	0.081	1.118	normal
chr06	35900001	36000000	0.107	0.866	normal
chr06	36000001	36100000	0.117	1.102	normal
chr06	36100001	36200000	0.063	1.124	normal
chr06	36200001	36300000	0.089	1.079	normal
chr06	36300001	36400000	0.112	0.734	normal
chr01	1	100000	0.135	0.797	normal
chr01	100001	200000	0.115	0.845	normal
chr01	200001	300000	0.074	1.095	normal
chr01	300001	400000	0.102	1.129	normal
chr01	400001	500000	0.068	1.057	normal

chr01	500001	600000	0.066	0.946	normal
chr01	600001	700000	0.097	0.829	normal
chr01	700001	800000	0.093	0.855	normal
chr01	800001	900000	0.075	1.111	normal
chr01	900001	1000000	0.102	0.898	normal
chr01	1000001	1100000	0.044	1.117	normal
chr01	1100001	1200000	0.041	0.867	normal
chr01	1200001	1300000	0.111	0.775	normal
chr01	1300001	1400000	0.058	0.940	normal
chr01	1400001	1500000	0.042	0.937	normal
chr01	1500001	1600000	0.095	0.743	normal
chr01	1600001	1700000	0.006	1.282	normal
chr01	1700001	1800000	0.009	0.815	normal
chr01	1800001	1900000	0.066	1.075	normal
chr01	1900001	2000000	0.078	1.011	normal
chr01	2000001	2100000	0.055	1.008	normal
chr01	2100001	2200000	0.035	1.051	normal
chr01	2200001	2300000	0.036	1.002	normal
chr01	2300001	2400000	0.025	0.941	normal
chr01	2400001	2500000	0.032	1.131	normal
chr01	2500001	2600000	0.038	1.180	normal
chr01	2600001	2700000	0.041	1.078	normal
chr01	2700001	2800000	0.039	1.075	normal
chr01	2800001	2900000	0.057	0.892	normal
chr01	2900001	3000000	0.070	0.791	normal
chr01	3000001	3100000	0.071	1.052	normal
chr01	3100001	3200000	0.054	0.967	normal
chr01	3200001	3300000	0.054	1.221	normal
chr01	3300001	3400000	0.008	0.942	normal
chr01	3400001	3500000	0.052	0.881	normal
chr01	3500001	3600000	0.084	1.253	normal
chr01	3600001	3700000	0.048	1.019	normal
chr01	3700001	3800000	0.094	1.192	normal
chr01	3800001	3900000	0.074	1.286	normal
chr01	3900001	4000000	0.053	0.872	normal
chr01	4000001	4100000	0.027	0.792	normal
chr01	4100001	4200000	0.065	1.191	normal
chr01	4200001	4300000	0.043	1.020	normal
chr01	4300001	4400000	0.065	1.467	normal
chr01	4400001	4500000	0.137	0.876	normal
chr01	4500001	4600000	0.032	1.129	normal
chr01	4600001	4700000	0.082	1.143	normal
chr01	4700001	4800000	0.045	1.085	normal
chr01	4800001	4900000	0.059	0.987	normal

chr01	4900001	5000000	0.040	0.963	normal
chr01	5000001	5100000	0.115	0.592	normal
chr01	5100001	5200000	0.137	1.264	normal
chr01	5200001	5300000	0.101	0.661	normal
chr01	5300001	5400000	0.077	0.982	normal
chr01	5400001	5500000	0.100	1.170	normal
chr01	5500001	5600000	0.094	0.960	normal
chr01	5600001	5700000	0.063	1.067	normal
chr01	5700001	5800000	0.124	1.621	normal
chr01	5800001	5900000	0.041	0.693	normal
chr01	5900001	6000000	0.050	1.084	normal
chr01	6000001	6100000	0.054	1.022	normal
chr01	6100001	6200000	0.082	1.213	normal
chr01	6200001	6300000	0.066	1.035	normal
chr01	6300001	6400000	0.067	1.199	normal
chr01	6400001	6500000	0.194	1.335	normal
chr01	6500001	6600000	0.079	1.118	normal
chr01	6600001	6700000	0.086	1.057	normal
chr01	6700001	6800000	0.062	0.900	normal
chr01	6800001	6900000	0.113	0.710	normal
chr01	6900001	7000000	0.060	0.792	normal
chr01	7000001	7100000	0.059	0.864	normal
chr01	7100001	7200000	0.029	0.976	normal
chr01	7200001	7300000	0.080	0.672	normal
chr01	7300001	7400000	0.026	0.962	normal
chr01	7400001	7500000	0.071	0.915	normal
chr01	7500001	7600000	0.051	0.904	normal
chr01	7600001	7700000	0.046	0.883	normal
chr01	7700001	7800000	0.062	0.855	normal
chr01	7800001	7900000	0.041	1.114	normal
chr01	7900001	8000000	0.078	1.541	normal
chr01	8000001	8100000	0.079	1.304	normal
chr01	8100001	8200000	0.066	0.840	normal
chr01	8200001	8300000	0.148	1.224	normal
chr01	8300001	8400000	0.132	0.889	normal
chr01	8400001	8500000	0.089	0.895	normal
chr01	8500001	8600000	0.166	0.800	normal
chr01	8600001	8700000	0.039	0.995	normal
chr01	8700001	8800000	0.041	0.894	normal
chr01	8800001	8900000	0.222	0.523	normal
chr01	8900001	9000000	0.248	0.539	normal
chr01	9000001	9100000	0.082	0.976	normal
chr01	9100001	9200000	0.159	1.406	normal
chr01	9200001	9300000	0.097	1.069	normal

chr01	9300001	9400000	0.061	1.063	normal
chr01	9400001	9500000	0.073	1.348	normal
chr01	9500001	9600000	0.099	1.034	normal
chr01	9600001	9700000	0.053	1.158	normal
chr01	9700001	9800000	0.027	1.214	normal
chr01	9800001	9900000	0.050	1.119	normal
chr01	9900001	10000000	0.088	0.844	normal
chr01	10000001	10100000	0.090	0.823	normal
chr01	10100001	10200000	0.068	0.826	normal
chr01	10200001	10300000	0.113	1.127	normal
chr01	10300001	10400000	0.202	1.537	sig
chr01	10400001	10500000	0.084	1.246	normal
chr01	10500001	10600000	0.125	0.953	normal
chr01	10600001	10700000	0.135	0.975	normal
chr01	10700001	10800000	0.132	0.971	normal
chr01	10800001	10900000	0.115	0.946	normal
chr01	10900001	11000000	0.107	0.819	normal
chr01	11000001	11100000	0.129	0.670	normal
chr01	11100001	11200000	0.128	0.705	normal
chr01	11200001	11300000	0.117	0.674	normal
chr01	11300001	11400000	0.127	0.709	normal
chr01	11400001	11500000	0.137	0.646	normal
chr01	11500001	11600000	0.110	0.741	normal
chr01	11600001	11700000	0.135	0.672	normal
chr01	11700001	11800000	0.145	0.707	normal
chr01	11800001	11900000	0.129	0.660	normal
chr01	11900001	12000000	0.103	0.745	normal
chr01	12000001	12100000	0.125	0.663	normal
chr01	12100001	12200000	0.122	0.718	normal
chr01	12200001	12300000	0.099	0.806	normal
chr01	12300001	12400000	0.116	0.691	normal
chr01	12400001	12500000	0.140	0.650	normal
chr01	12500001	12600000	0.132	0.677	normal
chr01	12600001	12700000	0.145	0.627	normal
chr01	12700001	12800000	0.093	1.182	normal
chr01	12800001	12900000	0.068	1.004	normal
chr01	12900001	13000000	0.048	0.909	normal
chr01	13000001	13100000	0.079	1.120	normal
chr01	13100001	13200000	0.038	0.978	normal
chr01	13200001	13300000	0.128	1.151	normal
chr01	13300001	13400000	0.099	0.940	normal
chr01	13400001	13500000	0.137	0.762	normal
chr01	13500001	13600000	0.097	0.941	normal
chr01	13600001	13700000	0.105	1.069	normal

chr01	13700001	13800000	0.073	1.248	normal
chr01	13800001	13900000	0.057	1.473	normal
chr01	13900001	14000000	0.084	1.379	normal
chr01	14000001	14100000	0.090	1.081	normal
chr01	14100001	14200000	0.075	1.538	normal
chr01	14200001	14300000	0.049	2.059	normal
chr01	14300001	14400000	0.086	0.970	normal
chr01	14400001	14500000	0.073	1.936	normal
chr01	14500001	14600000	0.074	2.668	normal
chr01	14600001	14700000	0.156	1.049	normal
chr01	14700001	14800000	0.128	0.818	normal
chr01	14800001	14900000	0.060	1.012	normal
chr01	14900001	15000000	0.104	1.094	normal
chr01	15000001	15100000	0.126	1.153	normal
chr01	15100001	15200000	0.073	1.225	normal
chr01	15200001	15300000	0.054	0.983	normal
chr01	15300001	15400000	0.065	1.184	normal
chr01	15400001	15500000	0.068	1.889	normal
chr01	15500001	15600000	0.076	2.022	normal
chr01	15600001	15700000	0.062	1.730	normal
chr01	15700001	15800000	0.069	1.598	normal
chr01	15800001	15900000	0.053	1.590	normal
chr01	15900001	16000000	0.055	1.319	normal
chr01	16000001	16100000	0.067	1.569	normal
chr01	16100001	16200000	0.058	1.017	normal
chr01	16200001	16300000	0.047	1.010	normal
chr01	16300001	16400000	0.151	0.659	normal
chr01	16400001	16500000	0.057	1.132	normal
chr01	16500001	16600000	0.073	1.238	normal
chr01	16600001	16700000	0.077	0.803	normal
chr01	16700001	16800000	0.050	0.882	normal
chr01	16800001	16900000	0.026	1.244	normal
chr01	16900001	17000000	0.072	1.295	normal
chr01	17000001	17100000	0.067	1.090	normal
chr01	17100001	17200000	0.135	1.354	normal
chr01	17200001	17300000	0.119	0.875	normal
chr01	17300001	17400000	0.085	1.338	normal
chr01	17400001	17500000	0.099	1.200	normal
chr01	17500001	17600000	0.108	0.977	normal
chr01	17600001	17700000	0.079	1.122	normal
chr01	17700001	17800000	0.119	0.895	normal
chr01	17800001	17900000	0.116	0.950	normal
chr01	17900001	18000000	0.108	1.109	normal
chr01	18000001	18100000	0.082	1.032	normal

chr01	18100001	18200000	0.051	1.127	normal
chr01	18200001	18300000	0.113	1.138	normal
chr01	18300001	18400000	0.104	1.190	normal
chr01	18400001	18500000	0.165	0.798	normal
chr01	18500001	18600000	0.126	1.392	normal
chr01	18600001	18700000	0.128	2.502	normal
chr01	18700001	18800000	0.029	0.827	normal
chr01	18800001	18900000	0.025	0.931	normal
chr01	18900001	19000000	0.039	0.985	normal
chr01	19000001	19100000	0.042	1.254	normal
chr01	19100001	19200000	0.064	1.127	normal
chr01	19200001	19300000	0.085	1.040	normal
chr01	19300001	19400000	0.060	0.838	normal
chr01	19400001	19500000	0.065	0.851	normal
chr01	19500001	19600000	0.091	1.240	normal
chr01	19600001	19700000	0.099	0.975	normal
chr01	19700001	19800000	0.104	1.100	normal
chr01	19800001	19900000	0.144	0.896	normal
chr01	19900001	20000000	0.081	1.045	normal
chr01	20000001	20100000	0.074	0.989	normal
chr01	20100001	20200000	0.052	1.244	normal
chr01	20200001	20300000	0.065	1.237	normal
chr01	20300001	20400000	0.261	1.181	normal
chr01	20400001	20500000	0.112	1.014	normal
chr01	20500001	20600000	0.083	1.376	normal
chr01	20600001	20700000	0.070	0.949	normal
chr01	20700001	20800000	0.082	0.920	normal
chr01	20800001	20900000	0.109	1.168	normal
chr01	20900001	21000000	0.101	0.978	normal
chr01	21000001	21100000	0.100	0.958	normal
chr01	21100001	21200000	0.048	1.144	normal
chr01	21200001	21300000	0.142	0.822	normal
chr01	21300001	21400000	0.076	1.217	normal
chr01	21400001	21500000	0.069	1.613	normal
chr01	21500001	21600000	0.048	1.038	normal
chr01	21600001	21700000	0.057	1.006	normal
chr01	21700001	21800000	0.059	1.086	normal
chr01	21800001	21900000	0.056	1.175	normal
chr01	21900001	22000000	0.079	0.883	normal
chr01	22000001	22100000	0.089	1.200	normal
chr01	22100001	22200000	0.113	1.517	normal
chr01	22200001	22300000	0.041	0.981	normal
chr01	22300001	22400000	0.082	0.837	normal
chr01	22400001	22500000	0.073	1.094	normal

chr01	22500001	22600000	0.059	0.966	normal
chr01	22600001	22700000	0.089	1.653	normal
chr01	22700001	22800000	0.100	0.934	normal
chr01	22800001	22900000	0.074	1.240	normal
chr01	22900001	23000000	0.049	1.011	normal
chr01	23000001	23100000	0.098	1.559	normal
chr01	23100001	23200000	0.071	1.009	normal
chr01	23200001	23300000	0.073	1.041	normal
chr01	23300001	23400000	0.107	1.025	normal
chr01	23400001	23500000	0.065	1.532	normal
chr01	23500001	23600000	0.126	0.930	normal
chr01	23600001	23700000	0.053	1.027	normal
chr01	23700001	23800000	0.043	1.042	normal
chr01	23800001	23900000	0.076	1.325	normal
chr01	23900001	24000000	0.096	1.075	normal
chr01	24000001	24100000	0.011	1.050	normal
chr01	24100001	24200000	0.074	0.838	normal
chr01	24200001	24300000	0.154	0.661	normal
chr01	24300001	24400000	0.213	0.466	normal
chr01	24400001	24500000	0.096	1.040	normal
chr01	24500001	24600000	0.074	1.507	normal
chr01	24600001	24700000	0.077	0.862	normal
chr01	24700001	24800000	0.077	1.446	normal
chr01	24800001	24900000	0.086	1.340	normal
chr01	24900001	25000000	0.027	0.965	normal
chr01	25000001	25100000	0.045	0.961	normal
chr01	25100001	25200000	0.036	1.046	normal
chr01	25200001	25300000	0.028	0.847	normal
chr01	25300001	25400000	0.029	1.017	normal
chr01	25400001	25500000	0.086	1.159	normal
chr01	25500001	25600000	0.040	1.121	normal
chr01	25600001	25700000	0.017	1.049	normal
chr01	25700001	25800000	0.033	1.053	normal
chr01	25800001	25900000	0.059	1.028	normal
chr01	25900001	26000000	0.043	1.175	normal
chr01	26000001	26100000	0.044	1.027	normal
chr01	26100001	26200000	0.048	0.951	normal
chr01	26200001	26300000	0.050	0.875	normal
chr01	26300001	26400000	0.057	1.050	normal
chr01	26400001	26500000	0.039	0.855	normal
chr01	26500001	26600000	0.035	0.983	normal
chr01	26600001	26700000	0.063	0.968	normal
chr01	26700001	26800000	0.071	1.102	normal
chr01	26800001	26900000	0.043	1.045	normal

chr01	26900001	27000000	0.043	1.048	normal
chr01	27000001	27100000	0.088	1.018	normal
chr01	27100001	27200000	0.083	0.939	normal
chr01	27200001	27300000	0.035	0.954	normal
chr01	27300001	27400000	0.024	0.959	normal
chr01	27400001	27500000	0.066	0.956	normal
chr01	27500001	27600000	0.056	0.982	normal
chr01	27600001	27700000	0.072	0.960	normal
chr01	27700001	27800000	0.047	1.043	normal
chr01	27800001	27900000	0.070	1.043	normal
chr01	27900001	28000000	0.049	1.145	normal
chr01	28000001	28100000	0.094	0.688	normal
chr01	28100001	28200000	0.052	1.060	normal
chr01	28200001	28300000	0.061	0.978	normal
chr01	28300001	28400000	0.069	0.922	normal
chr01	28400001	28500000	0.041	1.030	normal
chr01	28500001	28600000	0.053	0.951	normal
chr01	28600001	28700000	0.068	0.978	normal
chr01	28700001	28800000	0.047	1.294	normal
chr01	28800001	28900000	0.056	0.850	normal
chr01	28900001	29000000	0.022	1.055	normal
chr01	29000001	29100000	0.027	0.984	normal
chr01	29100001	29200000	0.025	0.998	normal
chr01	29200001	29300000	0.016	1.019	normal
chr01	29300001	29400000	0.073	0.979	normal
chr01	29400001	29500000	0.107	0.661	normal
chr01	29500001	29600000	0.073	0.841	normal
chr01	29600001	29700000	0.045	0.902	normal
chr01	29700001	29800000	0.044	0.965	normal
chr01	29800001	29900000	0.047	0.897	normal
chr01	29900001	30000000	0.053	0.980	normal
chr01	30000001	30100000	0.025	0.947	normal
chr01	30100001	30200000	0.042	0.815	normal
chr01	30200001	30300000	0.039	0.964	normal
chr01	30300001	30400000	0.026	0.923	normal
chr01	30400001	30500000	0.048	0.922	normal
chr01	30500001	30600000	0.050	0.940	normal
chr01	30600001	30700000	0.030	0.966	normal
chr01	30700001	30800000	0.027	0.956	normal
chr01	30800001	30900000	0.033	0.955	normal
chr01	30900001	31000000	0.038	1.082	normal
chr01	31000001	31100000	0.024	0.992	normal
chr01	31100001	31200000	0.024	0.942	normal
chr01	31200001	31300000	0.037	1.105	normal

chr01	31300001	31400000	0.024	1.047	normal
chr01	31400001	31500000	0.035	1.089	normal
chr01	31500001	31600000	0.046	1.142	normal
chr01	31600001	31700000	0.036	1.136	normal
chr01	31700001	31800000	0.062	0.741	normal
chr01	31800001	31900000	0.049	1.019	normal
chr01	31900001	32000000	0.051	0.904	normal
chr01	32000001	32100000	0.040	0.916	normal
chr01	32100001	32200000	0.050	0.928	normal
chr01	32200001	32300000	0.054	0.924	normal
chr01	32300001	32400000	0.069	0.682	normal
chr01	32400001	32500000	0.081	0.784	normal
chr01	32500001	32600000	0.155	0.644	normal
chr01	32600001	32700000	0.057	1.086	normal
chr01	32700001	32800000	0.093	1.219	normal
chr01	32800001	32900000	0.102	1.099	normal
chr01	32900001	33000000	0.099	0.942	normal
chr01	33000001	33100000	0.117	0.805	normal
chr01	33100001	33200000	0.078	1.082	normal
chr01	33200001	33300000	0.065	1.055	normal
chr01	33300001	33400000	0.084	1.139	normal
chr01	33400001	33500000	0.069	1.314	normal
chr01	33500001	33600000	0.067	0.871	normal
chr01	33600001	33700000	0.080	1.154	normal
chr01	33700001	33800000	0.097	0.962	normal
chr01	33800001	33900000	0.094	0.768	normal
chr01	33900001	34000000	0.078	0.820	normal
chr01	34000001	34100000	0.090	1.031	normal
chr01	34100001	34200000	0.063	1.063	normal
chr01	34200001	34300000	0.067	0.952	normal
chr01	34300001	34400000	0.055	1.036	normal
chr01	34400001	34500000	0.087	1.038	normal
chr01	34500001	34600000	0.094	1.096	normal
chr01	34600001	34700000	0.117	2.586	normal
chr01	34700001	34800000	0.102	1.042	normal
chr01	34800001	34900000	0.067	1.393	normal
chr01	34900001	35000000	0.064	1.583	normal
chr01	35000001	35100000	0.097	1.284	normal
chr01	35100001	35200000	0.112	0.854	normal
chr01	35200001	35300000	0.037	1.307	normal
chr01	35300001	35400000	0.043	0.938	normal
chr01	35400001	35500000	0.067	0.925	normal
chr01	35500001	35600000	0.135	0.766	normal
chr01	35600001	35700000	0.054	1.119	normal

chr01	35700001	35800000	0.136	0.896	normal
chr08	1	100000	0.091	0.783	normal
chr08	100001	200000	0.082	0.711	normal
chr08	200001	300000	0.110	0.524	normal
chr08	300001	400000	0.090	0.805	normal
chr08	400001	500000	0.086	0.830	normal
chr08	500001	600000	0.071	0.984	normal
chr08	600001	700000	0.089	0.992	normal
chr08	700001	800000	0.096	1.051	normal
chr08	800001	900000	0.101	1.123	normal
chr08	900001	1000000	0.074	0.879	normal
chr08	1000001	1100000	0.061	0.956	normal
chr08	1100001	1200000	0.092	0.751	normal
chr08	1200001	1300000	0.073	0.729	normal
chr08	1300001	1400000	0.033	0.992	normal
chr08	1400001	1500000	0.080	0.920	normal
chr08	1500001	1600000	0.041	0.911	normal
chr08	1600001	1700000	0.089	0.801	normal
chr08	1700001	1800000	0.053	1.049	normal
chr08	1800001	1900000	0.051	1.019	normal
chr08	1900001	2000000	0.053	0.988	normal
chr08	2000001	2100000	0.037	0.895	normal
chr08	2100001	2200000	0.020	0.914	normal
chr08	2200001	2300000	0.043	0.983	normal
chr08	2300001	2400000	0.025	0.857	normal
chr08	2400001	2500000	0.055	0.920	normal
chr08	2500001	2600000	0.077	0.757	normal
chr08	2600001	2700000	0.061	0.951	normal
chr08	2700001	2800000	0.086	0.926	normal
chr08	2800001	2900000	0.105	0.892	normal
chr08	2900001	3000000	0.130	0.445	normal
chr08	3000001	3100000	0.086	0.884	normal
chr08	3100001	3200000	0.118	0.683	normal
chr08	3200001	3300000	0.068	0.880	normal
chr08	3300001	3400000	0.104	0.843	normal
chr08	3400001	3500000	0.066	0.948	normal
chr08	3500001	3600000	0.070	0.638	normal
chr08	3600001	3700000	0.088	0.649	normal
chr08	3700001	3800000	0.117	1.149	normal
chr08	3800001	3900000	0.062	0.793	normal
chr08	3900001	4000000	0.104	0.866	normal
chr08	4000001	4100000	0.104	0.901	normal
chr08	4100001	4200000	0.106	1.330	normal
chr08	4200001	4300000	0.078	0.957	normal

chr08	4300001	4400000	0.159	0.855	normal
chr08	4400001	4500000	0.086	1.032	normal
chr08	4500001	4600000	0.043	0.972	normal
chr08	4600001	4700000	0.080	1.015	normal
chr08	4700001	4800000	0.078	0.925	normal
chr08	4800001	4900000	0.080	0.934	normal
chr08	4900001	5000000	0.064	0.905	normal
chr08	5000001	5100000	0.056	0.925	normal
chr08	5100001	5200000	0.087	1.104	normal
chr08	5200001	5300000	0.099	1.042	normal
chr08	5300001	5400000	0.112	0.812	normal
chr08	5400001	5500000	0.123	0.760	normal
chr08	5500001	5600000	0.099	0.736	normal
chr08	5600001	5700000	0.075	0.958	normal
chr08	5700001	5800000	0.111	0.918	normal
chr08	5800001	5900000	0.088	0.710	normal
chr08	5900001	6000000	0.041	1.145	normal
chr08	6000001	6100000	0.075	1.005	normal
chr08	6100001	6200000	0.062	0.936	normal
chr08	6200001	6300000	0.164	1.355	normal
chr08	6300001	6400000	0.104	1.113	normal
chr08	6400001	6500000	0.062	0.915	normal
chr08	6500001	6600000	0.075	0.852	normal
chr08	6600001	6700000	0.086	1.006	normal
chr08	6700001	6800000	0.049	0.790	normal
chr08	6800001	6900000	0.080	0.896	normal
chr08	6900001	7000000	0.074	0.785	normal
chr08	7000001	7100000	0.134	1.134	normal
chr08	7100001	7200000	0.104	0.784	normal
chr08	7200001	7300000	0.073	0.831	normal
chr08	7300001	7400000	0.116	1.057	normal
chr08	7400001	7500000	0.088	0.804	normal
chr08	7500001	7600000	0.064	1.018	normal
chr08	7600001	7700000	0.102	1.030	normal
chr08	7700001	7800000	0.070	0.997	normal
chr08	7800001	7900000	0.049	1.161	normal
chr08	7900001	8000000	0.052	1.016	normal
chr08	8000001	8100000	0.097	0.748	normal
chr08	8100001	8200000	0.093	1.079	normal
chr08	8200001	8300000	0.076	1.227	normal
chr08	8300001	8400000	0.074	1.214	normal
chr08	8400001	8500000	0.045	0.956	normal
chr08	8500001	8600000	0.052	0.948	normal
chr08	8600001	8700000	0.072	0.828	normal

chr08	8700001	8800000	0.080	0.771	normal
chr08	8800001	8900000	0.044	0.972	normal
chr08	8900001	9000000	0.054	0.970	normal
chr08	9000001	9100000	0.066	0.867	normal
chr08	9100001	9200000	0.068	0.998	normal
chr08	9200001	9300000	0.040	1.030	normal
chr08	9300001	9400000	0.123	0.960	normal
chr08	9400001	9500000	0.062	0.933	normal
chr08	9500001	9600000	0.049	1.168	normal
chr08	9600001	9700000	0.093	1.381	normal
chr08	9700001	9800000	0.086	0.829	normal
chr08	9800001	9900000	0.086	0.977	normal
chr08	9900001	10000000	0.071	0.928	normal
chr08	10000001	10100000	0.064	0.971	normal
chr08	10100001	10200000	0.046	1.076	normal
chr08	10200001	10300000	0.050	1.003	normal
chr08	10300001	10400000	0.050	0.941	normal
chr08	10400001	10500000	0.047	0.938	normal
chr08	10500001	10600000	0.076	1.022	normal
chr08	10600001	10700000	0.120	0.729	normal
chr08	10700001	10800000	0.060	1.019	normal
chr08	10800001	10900000	0.095	0.741	normal
chr08	10900001	11000000	0.050	0.810	normal
chr08	11000001	11100000	0.054	0.942	normal
chr08	11100001	11200000	0.094	1.156	normal
chr08	11200001	11300000	0.073	0.904	normal
chr08	11300001	11400000	0.059	0.791	normal
chr08	11400001	11500000	0.081	0.997	normal
chr08	11500001	11600000	0.079	0.962	normal
chr08	11600001	11700000	0.043	1.123	normal
chr08	11700001	11800000	0.054	1.187	normal
chr08	11800001	11900000	0.071	0.966	normal
chr08	11900001	12000000	0.113	1.537	normal
chr08	12000001	12100000	0.046	1.468	normal
chr08	12100001	12200000	0.043	1.317	normal
chr08	12200001	12300000	0.069	1.189	normal
chr08	12300001	12400000	0.029	1.179	normal
chr08	12400001	12500000	0.059	1.014	normal
chr08	12500001	12600000	0.071	1.906	normal
chr08	12600001	12700000	0.052	1.393	normal
chr08	12700001	12800000	0.042	1.329	normal
chr08	12800001	12900000	0.046	1.099	normal
chr08	12900001	13000000	0.092	1.069	normal
chr08	13000001	13100000	0.056	0.807	normal

chr08	13100001	13200000	0.050	0.937	normal
chr08	13200001	13300000	0.030	0.961	normal
chr08	13300001	13400000	0.071	0.804	normal
chr08	13400001	13500000	0.076	0.832	normal
chr08	13500001	13600000	0.036	1.022	normal
chr08	13600001	13700000	0.051	0.949	normal
chr08	13700001	13800000	0.046	1.012	normal
chr08	13800001	13900000	0.054	1.011	normal
chr08	13900001	14000000	0.024	0.958	normal
chr08	14000001	14100000	0.058	0.932	normal
chr08	14100001	14200000	0.042	0.996	normal
chr08	14200001	14300000	0.114	0.858	normal
chr08	14300001	14400000	0.066	1.048	normal
chr08	14400001	14500000	0.085	1.134	normal
chr08	14500001	14600000	0.115	0.970	normal
chr08	14600001	14700000	0.060	0.991	normal
chr08	14700001	14800000	0.046	0.890	normal
chr08	14800001	14900000	0.080	0.781	normal
chr08	14900001	15000000	0.048	0.744	normal
chr08	15000001	15100000	0.010	1.057	normal
chr08	15100001	15200000	0.040	0.945	normal
chr08	15200001	15300000	0.028	0.883	normal
chr08	15300001	15400000	0.069	0.765	normal
chr08	15400001	15500000	0.066	0.956	normal
chr08	15500001	15600000	0.063	0.841	normal
chr08	15600001	15700000	0.071	0.776	normal
chr08	15700001	15800000	0.064	0.819	normal
chr08	15800001	15900000	0.059	1.156	normal
chr08	15900001	16000000	0.050	0.865	normal
chr08	16000001	16100000	0.053	0.940	normal
chr08	16100001	16200000	0.056	0.768	normal
chr08	16200001	16300000	0.026	0.804	normal
chr08	16300001	16400000	0.094	0.610	normal
chr08	16400001	16500000	0.058	0.791	normal
chr08	16500001	16600000	0.067	0.623	normal
chr08	16600001	16700000	0.057	0.846	normal
chr08	16700001	16800000	0.061	0.717	normal
chr08	16800001	16900000	0.050	0.857	normal
chr08	16900001	17000000	0.024	1.045	normal
chr08	17000001	17100000	0.021	0.894	normal
chr08	17100001	17200000	0.014	1.056	normal
chr08	17200001	17300000	0.055	0.874	normal
chr08	17300001	17400000	0.046	0.777	normal
chr08	17400001	17500000	0.136	0.390	normal

chr08	17500001	17600000	0.068	0.854	normal
chr08	17600001	17700000	0.049	0.849	normal
chr08	17700001	17800000	0.027	0.932	normal
chr08	17800001	17900000	0.060	0.981	normal
chr08	17900001	18000000	0.067	1.336	normal
chr08	18000001	18100000	0.044	0.870	normal
chr08	18100001	18200000	0.077	0.809	normal
chr08	18200001	18300000	0.064	0.793	normal
chr08	18300001	18400000	0.044	0.997	normal
chr08	18400001	18500000	0.070	1.312	normal
chr08	18500001	18600000	0.043	1.004	normal
chr08	18600001	18700000	0.058	1.088	normal
chr08	18700001	18800000	0.101	1.066	normal
chr08	18800001	18900000	0.042	1.386	normal
chr08	18900001	19000000	0.037	1.486	normal
chr08	19000001	19100000	0.017	0.997	normal
chr08	19100001	19200000	0.094	0.809	normal
chr08	19200001	19300000	0.079	0.887	normal
chr08	19300001	19400000	0.098	0.778	normal
chr08	19400001	19500000	0.133	0.785	normal
chr08	19500001	19600000	0.066	0.838	normal
chr08	19600001	19700000	0.115	0.500	normal
chr08	19700001	19800000	0.107	0.392	normal
chr08	19800001	19900000	0.065	0.626	normal
chr08	19900001	20000000	0.057	0.841	normal
chr08	20000001	20100000	0.119	0.716	normal
chr08	20100001	20200000	0.145	0.409	normal
chr08	20200001	20300000	0.128	0.717	normal
chr08	20300001	20400000	0.066	1.146	normal
chr08	20400001	20500000	0.093	1.030	normal
chr08	20500001	20600000	0.124	0.906	normal
chr08	20600001	20700000	0.069	0.961	normal
chr08	20700001	20800000	0.030	1.058	normal
chr08	20800001	20900000	0.075	0.945	normal
chr08	20900001	21000000	0.073	1.156	normal
chr08	21000001	21100000	0.069	1.355	normal
chr08	21100001	21200000	0.035	1.037	normal
chr08	21200001	21300000	0.066	1.016	normal
chr08	21300001	21400000	0.061	1.005	normal
chr08	21400001	21500000	0.045	1.020	normal
chr08	21500001	21600000	0.059	1.008	normal
chr08	21600001	21700000	0.073	0.934	normal
chr08	21700001	21800000	0.063	0.942	normal
chr08	21800001	21900000	0.055	0.883	normal

chr08	21900001	22000000	0.059	0.807	normal
chr08	22000001	22100000	0.089	0.774	normal
chr08	22100001	22200000	0.098	0.728	normal
chr08	22200001	22300000	0.136	0.939	normal
chr08	22300001	22400000	0.068	1.071	normal
chr08	22400001	22500000	0.034	1.063	normal
chr08	22500001	22600000	-0.001	0.952	normal
chr08	22600001	22700000	0.016	0.950	normal
chr08	22700001	22800000	0.040	1.035	normal
chr08	22800001	22900000	0.018	1.155	normal
chr08	22900001	23000000	0.008	1.275	normal
chr08	23000001	23100000	0.104	0.924	normal
chr08	23100001	23200000	0.132	0.976	normal
chr08	23200001	23300000	0.083	1.074	normal
chr08	23300001	23400000	0.078	0.945	normal
chr08	23400001	23500000	0.065	0.886	normal
chr08	23500001	23600000	0.038	1.103	normal
chr08	23600001	23700000	0.064	0.984	normal
chr08	23700001	23800000	0.095	1.508	normal
chr08	23800001	23900000	0.059	1.188	normal
chr08	23900001	24000000	0.039	1.515	normal
chr08	24000001	24100000	0.024	0.944	normal
chr08	24100001	24200000	0.044	1.238	normal
chr08	24200001	24300000	0.056	0.941	normal
chr08	24300001	24400000	0.050	0.925	normal
chr08	24400001	24500000	0.077	1.249	normal
chr08	24500001	24600000	0.138	1.926	normal
chr08	24600001	24700000	0.063	1.186	normal
chr08	24700001	24800000	0.042	0.932	normal
chr08	24800001	24900000	0.053	1.092	normal
chr08	24900001	25000000	0.051	0.850	normal
chr08	25000001	25100000	0.072	0.962	normal
chr08	25100001	25200000	0.037	1.039	normal
chr08	25200001	25300000	0.095	0.779	normal
chr08	25300001	25400000	0.039	1.350	normal
chr08	25400001	25500000	0.082	1.016	normal
chr08	25500001	25600000	0.063	0.999	normal
chr08	25600001	25700000	0.051	0.890	normal
chr08	25700001	25800000	0.080	1.048	normal
chr08	25800001	25900000	0.067	1.074	normal
chr08	25900001	26000000	0.053	1.058	normal
chr08	26000001	26100000	0.061	0.827	normal
chr08	26100001	26200000	0.068	0.574	normal
chr08	26200001	26300000	0.076	0.837	normal

chr08	26300001	26400000	0.062	0.875	normal
chr08	26400001	26500000	0.060	1.081	normal
chr08	26500001	26600000	0.073	0.920	normal
chr08	26600001	26700000	0.033	1.003	normal
chr08	26700001	26800000	0.061	1.086	normal
chr08	26800001	26900000	0.059	1.133	normal
chr08	26900001	27000000	0.060	1.026	normal
chr08	27000001	27100000	0.032	1.328	normal
chr08	27100001	27200000	0.051	1.052	normal
chr08	27200001	27300000	0.064	0.945	normal
chr08	27300001	27400000	0.097	0.610	normal
chr08	27400001	27500000	0.060	0.988	normal
chr08	27500001	27600000	0.119	0.684	normal
chr08	27600001	27700000	0.150	0.790	normal
chr08	27700001	27800000	0.096	1.052	normal
chr08	27800001	27900000	0.069	1.116	normal
chr08	27900001	28000000	0.015	0.938	normal
chr08	28000001	28100000	0.091	0.846	normal
chr08	28100001	28200000	0.062	0.936	normal
chr08	28200001	28300000	0.093	1.044	normal
chr08	28300001	28400000	0.087	1.104	normal
chr08	28400001	28500000	0.111	0.833	normal
chr08	28500001	28600000	0.083	0.779	normal
chr08	28600001	28700000	0.053	0.777	normal
chr08	28700001	28800000	0.053	0.921	normal
chr08	28800001	28900000	0.048	0.993	normal
chr08	28900001	29000000	0.035	1.223	normal
chr08	29000001	29100000	0.040	0.955	normal
chr08	29100001	29200000	0.067	0.980	normal
chr08	29200001	29300000	0.042	1.062	normal
chr08	29300001	29400000	0.084	1.045	normal
chr08	29400001	29500000	0.072	0.998	normal
chr08	29500001	29600000	0.058	1.239	normal
chr08	29600001	29700000	0.058	1.067	normal
chr08	29700001	29800000	0.023	1.064	normal
chr08	29800001	29900000	0.061	0.796	normal
chr08	29900001	30000000	0.068	0.913	normal
chr08	30000001	30100000	0.028	1.133	normal
chr08	30100001	30200000	0.073	1.121	normal
chr08	30200001	30300000	0.028	1.000	normal
chr08	30300001	30400000	0.029	0.965	normal
chr08	30400001	30500000	0.029	0.996	normal
chr08	30500001	30600000	0.031	1.037	normal
chr08	30600001	30700000	0.048	1.167	normal

chr08	30700001	30800000	0.025	1.018	normal
chr08	30800001	30900000	0.024	0.941	normal
chr08	30900001	31000000	0.027	0.935	normal
chr08	31000001	31100000	0.035	0.893	normal
chr08	31100001	31200000	0.024	1.091	normal
chr08	31200001	31300000	0.033	0.956	normal
chr08	31300001	31400000	0.022	0.889	normal
chr08	31400001	31500000	0.022	0.923	normal
chr08	31500001	31600000	0.011	1.134	normal
chr03	1	100000	0.117	1.271	normal
chr03	100001	200000	0.112	1.459	normal
chr03	200001	300000	0.117	1.647	normal
chr03	300001	400000	0.075	1.370	normal
chr03	400001	500000	0.016	0.998	normal
chr03	500001	600000	0.044	1.041	normal
chr03	600001	700000	0.041	1.034	normal
chr03	700001	800000	0.035	1.093	normal
chr03	800001	900000	0.092	1.627	normal
chr03	900001	1000000	0.088	1.041	normal
chr03	1000001	1100000	0.050	0.992	normal
chr03	1100001	1200000	0.109	1.108	normal
chr03	1200001	1300000	0.092	0.952	normal
chr03	1300001	1400000	0.091	0.837	normal
chr03	1400001	1500000	0.072	0.703	normal
chr03	1500001	1600000	0.094	0.966	normal
chr03	1600001	1700000	0.075	0.923	normal
chr03	1700001	1800000	0.079	0.991	normal
chr03	1800001	1900000	0.067	0.905	normal
chr03	1900001	2000000	0.085	0.971	normal
chr03	2000001	2100000	0.102	1.151	normal
chr03	2100001	2200000	0.096	1.116	normal
chr03	2200001	2300000	0.110	0.952	normal
chr03	2300001	2400000	0.084	0.904	normal
chr03	2400001	2500000	0.069	0.999	normal
chr03	2500001	2600000	0.071	0.911	normal
chr03	2600001	2700000	0.124	0.878	normal
chr03	2700001	2800000	0.137	0.739	normal
chr03	2800001	2900000	0.104	1.353	normal
chr03	2900001	3000000	0.103	1.028	normal
chr03	3000001	3100000	0.138	1.063	normal
chr03	3100001	3200000	0.120	0.985	normal
chr03	3200001	3300000	0.046	1.098	normal
chr03	3300001	3400000	0.071	1.216	normal
chr03	3400001	3500000	0.061	1.067	normal

chr03	3500001	3600000	0.076	0.974	normal
chr03	3600001	3700000	0.111	1.112	normal
chr03	3700001	3800000	0.108	1.125	normal
chr03	3800001	3900000	0.030	1.039	normal
chr03	3900001	4000000	0.030	1.045	normal
chr03	4000001	4100000	0.072	1.120	normal
chr03	4100001	4200000	0.185	1.528	sig
chr03	4200001	4300000	0.094	1.299	normal
chr03	4300001	4400000	0.038	0.853	normal
chr03	4400001	4500000	0.044	0.820	normal
chr03	4500001	4600000	0.066	1.230	normal
chr03	4600001	4700000	0.049	1.054	normal
chr03	4700001	4800000	0.088	1.049	normal
chr03	4800001	4900000	0.050	1.114	normal
chr03	4900001	5000000	0.096	1.091	normal
chr03	5000001	5100000	0.062	1.073	normal
chr03	5100001	5200000	0.082	1.213	normal
chr03	5200001	5300000	0.131	0.989	normal
chr03	5300001	5400000	0.071	1.046	normal
chr03	5400001	5500000	0.096	0.884	normal
chr03	5500001	5600000	0.088	0.987	normal
chr03	5600001	5700000	0.043	0.982	normal
chr03	5700001	5800000	0.137	1.034	normal
chr03	5800001	5900000	0.101	1.014	normal
chr03	5900001	6000000	0.053	1.188	normal
chr03	6000001	6100000	0.035	1.153	normal
chr03	6100001	6200000	0.109	1.458	normal
chr03	6200001	6300000	0.072	1.048	normal
chr03	6300001	6400000	0.111	0.778	normal
chr03	6400001	6500000	0.051	1.115	normal
chr03	6500001	6600000	0.073	0.967	normal
chr03	6600001	6700000	0.085	1.195	normal
chr03	6700001	6800000	0.099	0.910	normal
chr03	6800001	6900000	0.082	0.849	normal
chr03	6900001	7000000	0.052	0.961	normal
chr03	7000001	7100000	0.094	0.769	normal
chr03	7100001	7200000	0.112	0.697	normal
chr03	7200001	7300000	0.123	0.987	normal
chr03	7300001	7400000	0.074	0.859	normal
chr03	7400001	7500000	0.089	0.891	normal
chr03	7500001	7600000	0.083	0.872	normal
chr03	7600001	7700000	0.041	1.041	normal
chr03	7700001	7800000	0.052	0.918	normal
chr03	7800001	7900000	0.062	1.132	normal

chr03	7900001	8000000	0.067	1.022	normal
chr03	8000001	8100000	0.062	0.914	normal
chr03	8100001	8200000	0.117	0.788	normal
chr03	8200001	8300000	0.062	1.092	normal
chr03	8300001	8400000	0.030	1.099	normal
chr03	8400001	8500000	0.051	0.897	normal
chr03	8500001	8600000	0.055	1.057	normal
chr03	8600001	8700000	0.056	0.946	normal
chr03	8700001	8800000	0.065	0.885	normal
chr03	8800001	8900000	0.077	0.963	normal
chr03	8900001	9000000	0.032	0.985	normal
chr03	9000001	9100000	0.055	1.067	normal
chr03	9100001	9200000	0.114	1.016	normal
chr03	9200001	9300000	0.049	0.975	normal
chr03	9300001	9400000	0.009	1.056	normal
chr03	9400001	9500000	0.022	1.093	normal
chr03	9500001	9600000	0.041	0.936	normal
chr03	9600001	9700000	0.034	0.827	normal
chr03	9700001	9800000	0.063	0.995	normal
chr03	9800001	9900000	0.076	1.064	normal
chr03	9900001	10000000	0.121	1.056	normal
chr03	10000001	10100000	0.104	1.152	normal
chr03	10100001	10200000	0.108	1.113	normal
chr03	10200001	10300000	0.135	1.582	normal
chr03	10300001	10400000	0.103	1.010	normal
chr03	10400001	10500000	0.098	1.665	normal
chr03	10500001	10600000	0.097	1.083	normal
chr03	10600001	10700000	0.094	1.042	normal
chr03	10700001	10800000	0.135	1.483	normal
chr03	10800001	10900000	0.053	1.263	normal
chr03	10900001	11000000	0.108	0.912	normal
chr03	11000001	11100000	0.122	1.006	normal
chr03	11100001	11200000	0.172	0.780	normal
chr03	11200001	11300000	0.196	0.897	normal
chr03	11300001	11400000	0.082	0.743	normal
chr03	11400001	11500000	0.102	0.892	normal
chr03	11500001	11600000	0.131	1.218	normal
chr03	11600001	11700000	0.107	0.999	normal
chr03	11700001	11800000	0.108	1.019	normal
chr03	11800001	11900000	0.093	0.969	normal
chr03	11900001	12000000	0.071	0.925	normal
chr03	12000001	12100000	0.064	0.706	normal
chr03	12100001	12200000	0.087	0.923	normal
chr03	12200001	12300000	0.105	0.747	normal

chr03	12300001	12400000	0.037	1.332	normal
chr03	12400001	12500000	0.076	0.965	normal
chr03	12500001	12600000	0.024	1.046	normal
chr03	12600001	12700000	0.050	0.989	normal
chr03	12700001	12800000	0.050	0.818	normal
chr03	12800001	12900000	0.184	0.626	normal
chr03	12900001	13000000	0.077	1.480	normal
chr03	13000001	13100000	0.059	2.062	normal
chr03	13100001	13200000	0.102	1.239	normal
chr03	13200001	13300000	0.055	0.842	normal
chr03	13300001	13400000	0.046	0.895	normal
chr03	13400001	13500000	0.076	1.527	normal
chr03	13500001	13600000	0.089	2.153	normal
chr03	13600001	13700000	0.098	0.937	normal
chr03	13700001	13800000	0.095	0.990	normal
chr03	13800001	13900000	0.098	0.774	normal
chr03	13900001	14000000	0.083	0.863	normal
chr03	14000001	14100000	0.084	0.905	normal
chr03	14100001	14200000	0.075	0.839	normal
chr03	14200001	14300000	0.032	1.019	normal
chr03	14300001	14400000	0.020	1.228	normal
chr03	14400001	14500000	0.028	1.248	normal
chr03	14500001	14600000	0.034	1.014	normal
chr03	14600001	14700000	0.025	1.043	normal
chr03	14700001	14800000	0.071	1.123	normal
chr03	14800001	14900000	0.084	0.937	normal
chr03	14900001	15000000	0.076	1.196	normal
chr03	15000001	15100000	0.118	0.817	normal
chr03	15100001	15200000	0.135	0.745	normal
chr03	15200001	15300000	0.105	0.808	normal
chr03	15300001	15400000	0.139	1.078	normal
chr03	15400001	15500000	0.079	0.854	normal
chr03	15500001	15600000	0.028	0.928	normal
chr03	15600001	15700000	0.036	0.935	normal
chr03	15700001	15800000	0.029	1.073	normal
chr03	15800001	15900000	0.045	1.016	normal
chr03	15900001	16000000	0.061	0.883	normal
chr03	16000001	16100000	0.145	0.642	normal
chr03	16100001	16200000	0.099	0.844	normal
chr03	16200001	16300000	0.011	0.936	normal
chr03	16300001	16400000	0.032	0.919	normal
chr03	16400001	16500000	0.105	0.835	normal
chr03	16500001	16600000	0.024	1.031	normal
chr03	16600001	16700000	0.007	1.142	normal

chr03	16700001	16800000	0.014	1.117	normal
chr03	16800001	16900000	0.054	0.827	normal
chr03	16900001	17000000	0.031	0.957	normal
chr03	17000001	17100000	0.049	1.059	normal
chr03	17100001	17200000	0.037	1.084	normal
chr03	17200001	17300000	0.050	1.022	normal
chr03	17300001	17400000	0.036	1.005	normal
chr03	17400001	17500000	0.051	1.012	normal
chr03	17500001	17600000	0.075	1.144	normal
chr03	17600001	17700000	0.059	0.797	normal
chr03	17700001	17800000	0.040	0.958	normal
chr03	17800001	17900000	0.055	1.011	normal
chr03	17900001	18000000	0.065	1.025	normal
chr03	18000001	18100000	0.055	1.128	normal
chr03	18100001	18200000	0.050	1.015	normal
chr03	18200001	18300000	0.046	0.931	normal
chr03	18300001	18400000	0.048	0.915	normal
chr03	18400001	18500000	0.120	1.051	normal
chr03	18500001	18600000	0.088	0.821	normal
chr03	18600001	18700000	0.063	0.991	normal
chr03	18700001	18800000	0.022	1.042	normal
chr03	18800001	18900000	0.054	1.178	normal
chr03	18900001	19000000	0.042	1.041	normal
chr03	19000001	19100000	0.049	0.870	normal
chr03	19100001	19200000	0.043	1.311	normal
chr03	19200001	19300000	0.051	1.136	normal
chr03	19300001	19400000	0.048	1.032	normal
chr03	19400001	19500000	0.041	1.186	normal
chr03	19500001	19600000	0.055	1.120	normal
chr03	19600001	19700000	0.049	1.006	normal
chr03	19700001	19800000	0.072	0.858	normal
chr03	19800001	19900000	0.070	1.022	normal
chr03	19900001	20000000	0.036	1.072	normal
chr03	20000001	20100000	0.066	1.100	normal
chr03	20100001	20200000	0.045	0.961	normal
chr03	20200001	20300000	0.061	1.231	normal
chr03	20300001	20400000	0.043	1.046	normal
chr03	20400001	20500000	0.085	1.131	normal
chr03	20500001	20600000	0.046	1.214	normal
chr03	20600001	20700000	0.052	1.225	normal
chr03	20700001	20800000	0.059	1.429	normal
chr03	20800001	20900000	0.072	0.955	normal
chr03	20900001	21000000	0.055	1.231	normal
chr03	21000001	21100000	0.057	1.314	normal

chr03	21100001	21200000	0.070	0.985	normal
chr03	21200001	21300000	0.121	0.927	normal
chr03	21300001	21400000	0.114	0.977	normal
chr03	21400001	21500000	0.105	0.943	normal
chr03	21500001	21600000	0.105	0.983	normal
chr03	21600001	21700000	0.096	0.953	normal
chr03	21700001	21800000	0.119	0.906	normal
chr03	21800001	21900000	0.109	0.974	normal
chr03	21900001	22000000	0.127	0.876	normal
chr03	22000001	22100000	0.056	1.093	normal
chr03	22100001	22200000	0.059	1.059	normal
chr03	22200001	22300000	0.141	0.976	normal
chr03	22300001	22400000	0.183	0.939	normal
chr03	22400001	22500000	0.176	0.928	normal
chr03	22500001	22600000	0.155	0.915	normal
chr03	22600001	22700000	0.149	0.873	normal
chr03	22700001	22800000	0.137	0.878	normal
chr03	22800001	22900000	0.145	0.815	normal
chr03	22900001	23000000	0.091	0.936	normal
chr03	23000001	23100000	0.064	0.833	normal
chr03	23100001	23200000	0.067	0.835	normal
chr03	23200001	23300000	0.110	1.060	normal
chr03	23300001	23400000	0.121	1.235	normal
chr03	23400001	23500000	0.037	1.082	normal
chr03	23500001	23600000	0.020	1.180	normal
chr03	23600001	23700000	0.048	1.035	normal
chr03	23700001	23800000	0.041	1.005	normal
chr03	23800001	23900000	0.149	1.252	normal
chr03	23900001	24000000	0.179	0.814	normal
chr03	24000001	24100000	0.076	1.078	normal
chr03	24100001	24200000	0.076	0.959	normal
chr03	24200001	24300000	0.044	1.389	normal
chr03	24300001	24400000	0.059	1.381	normal
chr03	24400001	24500000	0.100	1.254	normal
chr03	24500001	24600000	0.060	1.371	normal
chr03	24600001	24700000	0.019	1.484	normal
chr03	24700001	24800000	0.038	1.436	normal
chr03	24800001	24900000	0.075	1.198	normal
chr03	24900001	25000000	0.028	1.115	normal
chr03	25000001	25100000	0.056	1.040	normal
chr03	25100001	25200000	0.096	1.068	normal
chr03	25200001	25300000	0.131	0.810	normal
chr03	25300001	25400000	0.063	1.046	normal
chr03	25400001	25500000	0.111	1.015	normal

chr03	25500001	25600000	0.089	0.753	normal
chr03	25600001	25700000	0.088	1.018	normal
chr03	25700001	25800000	0.085	1.449	normal
chr03	25800001	25900000	0.066	1.647	normal
chr03	25900001	26000000	0.123	0.797	normal
chr03	26000001	26100000	0.043	0.904	normal
chr03	26100001	26200000	0.078	1.417	normal
chr03	26200001	26300000	0.094	0.964	normal
chr03	26300001	26400000	0.062	1.029	normal
chr03	26400001	26500000	0.048	1.014	normal
chr03	26500001	26600000	0.053	1.330	normal
chr03	26600001	26700000	0.050	1.193	normal
chr03	26700001	26800000	0.019	1.087	normal
chr03	26800001	26900000	0.037	1.064	normal
chr03	26900001	27000000	0.038	1.144	normal
chr03	27000001	27100000	0.057	1.065	normal
chr03	27100001	27200000	0.042	0.981	normal
chr03	27200001	27300000	0.055	1.478	normal
chr03	27300001	27400000	0.053	1.585	normal
chr03	27400001	27500000	0.094	0.911	normal
chr03	27500001	27600000	0.072	1.423	normal
chr03	27600001	27700000	0.081	1.318	normal
chr03	27700001	27800000	0.063	1.330	normal
chr03	27800001	27900000	0.076	1.044	normal
chr03	27900001	28000000	0.106	1.129	normal
chr03	28000001	28100000	0.014	0.960	normal
chr03	28100001	28200000	0.070	1.340	normal
chr03	28200001	28300000	0.105	1.057	normal
chr03	28300001	28400000	0.092	1.116	normal
chr03	28400001	28500000	0.101	1.006	normal
chr03	28500001	28600000	0.096	2.762	normal
chr03	28600001	28700000	0.093	0.923	normal
chr03	28700001	28800000	0.147	1.239	normal
chr03	28800001	28900000	0.162	0.812	normal
chr03	28900001	29000000	0.092	0.824	normal
chr03	29000001	29100000	0.159	0.655	normal
chr03	29100001	29200000	0.079	0.919	normal
chr03	29200001	29300000	0.113	1.241	normal
chr03	29300001	29400000	0.105	0.980	normal
chr03	29400001	29500000	0.074	0.867	normal
chr03	29500001	29600000	0.102	1.446	normal
chr03	29600001	29700000	0.073	0.995	normal
chr03	29700001	29800000	0.055	0.964	normal
chr03	29800001	29900000	0.092	1.061	normal

chr03	29900001	30000000	0.111	1.027	normal
chr03	30000001	30100000	0.126	0.852	normal
chr03	30100001	30200000	0.059	1.156	normal
chr03	30200001	30300000	0.151	1.073	normal
chr03	30300001	30400000	0.121	0.984	normal
chr03	30400001	30500000	0.186	0.647	normal
chr03	30500001	30600000	0.121	1.081	normal
chr03	30600001	30700000	0.087	0.966	normal
chr03	30700001	30800000	0.116	0.857	normal
chr03	30800001	30900000	0.033	1.210	normal
chr03	30900001	31000000	0.041	0.825	normal
chr04	1	100000	0.040	1.152	normal
chr04	100001	200000	0.058	1.209	normal
chr04	200001	300000	0.086	0.861	normal
chr04	300001	400000	0.060	1.560	normal
chr04	400001	500000	0.080	1.627	normal
chr04	500001	600000	0.053	1.330	normal
chr04	600001	700000	0.097	1.214	normal
chr04	700001	800000	0.047	1.094	normal
chr04	800001	900000	0.065	1.413	normal
chr04	900001	1000000	0.071	0.999	normal
chr04	1000001	1100000	0.038	0.980	normal
chr04	1100001	1200000	0.072	1.124	normal
chr04	1200001	1300000	0.075	1.198	normal
chr04	1300001	1400000	0.056	1.233	normal
chr04	1400001	1500000	0.053	1.119	normal
chr04	1500001	1600000	0.050	1.035	normal
chr04	1600001	1700000	0.029	1.033	normal
chr04	1700001	1800000	0.077	0.917	normal
chr04	1800001	1900000	0.063	1.351	normal
chr04	1900001	2000000	0.044	1.087	normal
chr04	2000001	2100000	0.019	1.037	normal
chr04	2100001	2200000	0.073	1.200	normal
chr04	2200001	2300000	0.083	1.052	normal
chr04	2300001	2400000	0.079	1.496	normal
chr04	2400001	2500000	0.039	1.191	normal
chr04	2500001	2600000	0.048	1.080	normal
chr04	2600001	2700000	0.050	1.320	normal
chr04	2700001	2800000	0.023	1.013	normal
chr04	2800001	2900000	0.049	1.072	normal
chr04	2900001	3000000	0.049	1.059	normal
chr04	3000001	3100000	0.041	1.064	normal
chr04	3100001	3200000	0.036	0.883	normal
chr04	3200001	3300000	0.052	0.853	normal

chr04	3300001	3400000	0.028	1.191	normal
chr04	3400001	3500000	0.032	0.978	normal
chr04	3500001	3600000	0.080	1.270	normal
chr04	3600001	3700000	0.075	1.096	normal
chr04	3700001	3800000	0.068	1.015	normal
chr04	3800001	3900000	0.071	0.845	normal
chr04	3900001	4000000	0.089	0.856	normal
chr04	4000001	4100000	0.095	0.955	normal
chr04	4100001	4200000	0.057	1.119	normal
chr04	4200001	4300000	0.054	0.987	normal
chr04	4300001	4400000	0.047	0.986	normal
chr04	4400001	4500000	0.026	1.098	normal
chr04	4500001	4600000	0.034	0.991	normal
chr04	4600001	4700000	0.030	0.983	normal
chr04	4700001	4800000	0.034	1.047	normal
chr04	4800001	4900000	0.107	0.978	normal
chr04	4900001	5000000	0.089	0.888	normal
chr04	5000001	5100000	0.062	1.072	normal
chr04	5100001	5200000	0.052	1.089	normal
chr04	5200001	5300000	0.062	0.976	normal
chr04	5300001	5400000	0.084	0.993	normal
chr04	5400001	5500000	0.038	0.991	normal
chr04	5500001	5600000	0.060	1.216	normal
chr04	5600001	5700000	0.060	1.234	normal
chr04	5700001	5800000	0.035	1.041	normal
chr04	5800001	5900000	0.037	1.110	normal
chr04	5900001	6000000	0.094	1.208	normal
chr04	6000001	6100000	0.042	1.080	normal
chr04	6100001	6200000	0.039	1.152	normal
chr04	6200001	6300000	0.037	1.397	normal
chr04	6300001	6400000	0.054	1.360	normal
chr04	6400001	6500000	0.060	1.259	normal
chr04	6500001	6600000	0.043	1.224	normal
chr04	6600001	6700000	0.070	1.315	normal
chr04	6700001	6800000	0.052	1.288	normal
chr04	6800001	6900000	0.047	0.974	normal
chr04	6900001	7000000	0.069	0.792	normal
chr04	7000001	7100000	0.114	0.914	normal
chr04	7100001	7200000	0.045	1.254	normal
chr04	7200001	7300000	0.069	1.210	normal
chr04	7300001	7400000	0.062	0.877	normal
chr04	7400001	7500000	0.044	0.994	normal
chr04	7500001	7600000	0.045	1.291	normal
chr04	7600001	7700000	0.054	1.157	normal

chr04	7700001	7800000	0.050	0.995	normal
chr04	7800001	7900000	0.084	0.684	normal
chr04	7900001	8000000	0.078	0.881	normal
chr04	8000001	8100000	0.064	0.912	normal
chr04	8100001	8200000	0.068	0.938	normal
chr04	8200001	8300000	0.063	1.257	normal
chr04	8300001	8400000	0.050	0.939	normal
chr04	8400001	8500000	0.109	0.901	normal
chr04	8500001	8600000	0.057	0.879	normal
chr04	8600001	8700000	0.119	0.717	normal
chr04	8700001	8800000	0.083	1.001	normal
chr04	8800001	8900000	0.043	0.929	normal
chr04	8900001	9000000	0.048	1.025	normal
chr04	9000001	9100000	0.047	1.000	normal
chr04	9100001	9200000	0.062	1.142	normal
chr04	9200001	9300000	0.086	1.146	normal
chr04	9300001	9400000	0.107	1.424	normal
chr04	9400001	9500000	0.056	0.914	normal
chr04	9500001	9600000	0.069	0.952	normal
chr04	9600001	9700000	0.085	1.414	normal
chr04	9700001	9800000	0.080	1.417	normal
chr04	9800001	9900000	0.074	1.288	normal
chr04	9900001	10000000	0.061	1.065	normal
chr04	10000001	10100000	0.112	0.963	normal
chr04	10100001	10200000	0.059	1.015	normal
chr04	10200001	10300000	0.046	0.938	normal
chr04	10300001	10400000	0.038	0.914	normal
chr04	10400001	10500000	0.081	0.997	normal
chr04	10500001	10600000	0.052	1.110	normal
chr04	10600001	10700000	0.048	1.041	normal
chr04	10700001	10800000	0.062	0.938	normal
chr04	10800001	10900000	0.121	0.586	normal
chr04	10900001	11000000	0.120	0.903	normal
chr04	11000001	11100000	0.082	1.034	normal
chr04	11100001	11200000	0.082	0.902	normal
chr04	11200001	11300000	0.108	0.917	normal
chr04	11300001	11400000	0.093	0.944	normal
chr04	11400001	11500000	0.063	1.168	normal
chr04	11500001	11600000	0.097	0.918	normal
chr04	11600001	11700000	0.091	1.187	normal
chr04	11700001	11800000	0.066	1.110	normal
chr04	11800001	11900000	0.082	1.151	normal
chr04	11900001	12000000	0.082	1.165	normal
chr04	12000001	12100000	0.082	1.186	normal

chr04	12100001	12200000	0.093	1.416	normal
chr04	12200001	12300000	0.086	0.976	normal
chr04	12300001	12400000	0.084	0.889	normal
chr04	12400001	12500000	0.041	1.085	normal
chr04	12500001	12600000	0.058	1.125	normal
chr04	12600001	12700000	0.036	0.981	normal
chr04	12700001	12800000	0.007	1.046	normal
chr04	12800001	12900000	0.034	0.968	normal
chr04	12900001	13000000	0.075	0.897	normal
chr04	13000001	13100000	0.065	0.942	normal
chr04	13100001	13200000	0.081	0.820	normal
chr04	13200001	13300000	0.040	1.089	normal
chr04	13300001	13400000	0.039	1.131	normal
chr04	13400001	13500000	0.071	0.909	normal
chr04	13500001	13600000	0.029	0.957	normal
chr04	13600001	13700000	0.061	1.061	normal
chr04	13700001	13800000	0.080	0.989	normal
chr04	13800001	13900000	0.081	1.872	normal
chr04	13900001	14000000	0.098	1.776	normal
chr04	14000001	14100000	0.072	1.232	normal
chr04	14100001	14200000	0.035	1.054	normal
chr04	14200001	14300000	0.039	1.062	normal
chr04	14300001	14400000	0.054	1.164	normal
chr04	14400001	14500000	0.024	0.935	normal
chr04	14500001	14600000	0.034	0.894	normal
chr04	14600001	14700000	0.074	0.789	normal
chr04	14700001	14800000	0.038	1.071	normal
chr04	14800001	14900000	0.054	1.081	normal
chr04	14900001	15000000	0.092	0.926	normal
chr04	15000001	15100000	0.098	0.861	normal
chr04	15100001	15200000	0.058	1.108	normal
chr04	15200001	15300000	0.070	1.304	normal
chr04	15300001	15400000	0.056	1.065	normal
chr04	15400001	15500000	0.032	1.032	normal
chr04	15500001	15600000	0.031	0.991	normal
chr04	15600001	15700000	0.010	1.012	normal
chr04	15700001	15800000	0.009	0.987	normal
chr04	15800001	15900000	0.010	1.005	normal
chr04	15900001	16000000	0.007	1.004	normal
chr04	16000001	16100000	0.004	0.997	normal
chr04	16100001	16200000	0.009	1.001	normal
chr04	16200001	16300000	0.050	1.118	normal
chr04	16300001	16400000	0.022	0.958	normal
chr04	16500001	16600000	0.094	0.746	normal

chr04	16600001	16700000	0.077	0.786	normal
chr04	16700001	16800000	0.028	1.017	normal
chr04	16800001	16900000	0.083	1.456	normal
chr04	16900001	17000000	0.067	1.083	normal
chr04	17000001	17100000	0.168	0.515	normal
chr04	17100001	17200000	0.155	1.313	normal
chr04	17200001	17300000	0.084	0.886	normal
chr04	17300001	17400000	0.064	1.231	normal
chr04	17400001	17500000	0.110	0.645	normal
chr04	17500001	17600000	0.076	1.064	normal
chr04	17600001	17700000	0.083	1.074	normal
chr04	17700001	17800000	0.032	1.225	normal
chr04	17800001	17900000	0.015	1.175	normal
chr04	17900001	18000000	0.031	0.994	normal
chr04	18000001	18100000	0.044	1.098	normal
chr04	18100001	18200000	0.054	1.085	normal
chr04	18200001	18300000	0.043	1.264	normal
chr04	18300001	18400000	0.047	0.973	normal
chr04	18400001	18500000	0.081	0.975	normal
chr04	18500001	18600000	0.050	0.928	normal
chr04	18600001	18700000	0.040	1.025	normal
chr04	18700001	18800000	0.028	1.150	normal
chr04	18800001	18900000	0.018	1.108	normal
chr04	18900001	19000000	0.017	1.174	normal
chr04	19000001	19100000	0.019	1.204	normal
chr04	19100001	19200000	0.025	1.204	normal
chr04	19200001	19300000	0.031	1.461	normal
chr04	19300001	19400000	0.030	1.457	normal
chr04	19400001	19500000	0.035	1.469	normal
chr04	19500001	19600000	0.033	1.390	normal
chr04	19600001	19700000	0.031	1.531	normal
chr04	19700001	19800000	0.031	1.230	normal
chr04	19800001	19900000	0.040	1.056	normal
chr04	19900001	20000000	0.038	1.000	normal
chr04	20000001	20100000	0.037	1.060	normal
chr04	20100001	20200000	0.039	0.908	normal
chr04	20200001	20300000	0.031	1.169	normal
chr04	20300001	20400000	0.053	1.216	normal
chr04	20400001	20500000	0.030	1.166	normal
chr04	20500001	20600000	0.035	1.109	normal
chr04	20600001	20700000	0.055	1.550	normal
chr04	20700001	20800000	0.021	1.198	normal
chr04	20800001	20900000	0.036	1.410	normal
chr04	20900001	21000000	0.043	1.756	normal

chr04	21000001	21100000	0.031	1.242	normal
chr04	21100001	21200000	0.083	1.173	normal
chr04	21200001	21300000	0.038	1.305	normal
chr04	21300001	21400000	0.033	1.042	normal
chr04	21400001	21500000	0.054	1.371	normal
chr04	21500001	21600000	0.031	1.219	normal
chr04	21600001	21700000	0.027	1.182	normal
chr04	21700001	21800000	0.030	1.273	normal
chr04	21800001	21900000	0.041	1.011	normal
chr04	21900001	22000000	0.019	1.167	normal
chr04	22000001	22100000	0.020	1.162	normal
chr04	22100001	22200000	0.028	1.074	normal
chr04	22200001	22300000	0.035	1.101	normal
chr04	22300001	22400000	0.033	1.171	normal
chr04	22400001	22500000	0.027	0.921	normal
chr04	22500001	22600000	0.016	1.053	normal
chr04	22600001	22700000	0.015	1.084	normal
chr04	22700001	22800000	0.049	1.169	normal
chr04	22800001	22900000	0.062	0.908	normal
chr04	22900001	23000000	0.032	1.102	normal
chr04	23000001	23100000	0.049	1.020	normal
chr04	23100001	23200000	0.039	1.017	normal
chr04	23200001	23300000	0.026	0.926	normal
chr04	23300001	23400000	0.043	0.964	normal
chr04	23400001	23500000	0.018	1.024	normal
chr04	23500001	23600000	0.045	1.156	normal
chr04	23600001	23700000	0.053	1.065	normal
chr04	23700001	23800000	0.093	1.558	normal
chr04	23800001	23900000	0.045	1.173	normal
chr04	23900001	24000000	0.055	1.008	normal
chr04	24000001	24100000	0.057	1.357	normal
chr04	24100001	24200000	0.036	1.040	normal
chr04	24200001	24300000	0.092	0.887	normal
chr04	24300001	24400000	0.057	1.087	normal
chr04	24400001	24500000	0.104	0.874	normal
chr04	24500001	24600000	0.132	0.836	normal
chr04	24600001	24700000	0.129	0.769	normal
chr04	24700001	24800000	0.112	0.799	normal
chr04	24800001	24900000	0.092	0.908	normal
chr04	24900001	25000000	0.094	0.890	normal
chr04	25000001	25100000	0.086	0.768	normal
chr04	25100001	25200000	0.067	1.144	normal
chr04	25200001	25300000	0.032	1.029	normal
chr04	25300001	25400000	0.078	0.842	normal

chr04	25400001	25500000	0.058	0.939	normal
chr04	25500001	25600000	0.126	0.789	normal
chr04	25600001	25700000	0.027	1.328	normal
chr04	25700001	25800000	0.057	1.449	normal
chr04	25800001	25900000	0.022	1.104	normal
chr04	25900001	26000000	0.047	1.143	normal
chr04	26000001	26100000	0.011	0.984	normal
chr04	26100001	26200000	0.047	1.962	normal
chr04	26200001	26300000	0.084	1.900	normal
chr04	26300001	26400000	0.052	1.165	normal
chr04	26400001	26500000	0.019	1.084	normal
chr04	26500001	26600000	0.023	1.000	normal
chr04	26600001	26700000	0.044	1.437	normal
chr04	26700001	26800000	0.081	0.678	normal
chr04	26800001	26900000	0.056	0.819	normal
chr04	26900001	27000000	0.027	0.883	normal
chr04	27000001	27100000	0.030	0.969	normal
chr04	27100001	27200000	0.039	0.953	normal
chr04	27200001	27300000	0.018	0.792	normal
chr04	27300001	27400000	0.019	0.837	normal
chr04	27400001	27500000	0.026	0.841	normal
chr04	27500001	27600000	0.011	0.936	normal
chr04	27600001	27700000	0.011	0.927	normal
chr04	27700001	27800000	0.010	0.889	normal
chr04	27800001	27900000	0.025	0.904	normal
chr04	27900001	28000000	0.021	0.917	normal
chr04	28000001	28100000	0.016	0.835	normal
chr04	28100001	28200000	0.017	0.974	normal
chr04	28200001	28300000	0.010	0.927	normal
chr04	28300001	28400000	0.037	1.185	normal
chr04	28400001	28500000	0.055	1.585	normal
chr04	28500001	28600000	0.044	1.223	normal
chr04	28600001	28700000	0.036	1.158	normal
chr04	28700001	28800000	0.072	1.375	normal
chr04	28800001	28900000	0.025	1.040	normal
chr04	28900001	29000000	0.049	1.010	normal
chr04	29000001	29100000	0.085	0.642	normal
chr04	29200001	29300000	0.028	1.262	normal
chr04	29300001	29400000	0.057	1.037	normal
chr04	29400001	29500000	0.049	0.945	normal
chr04	29500001	29600000	0.053	0.977	normal
chr04	29600001	29700000	0.037	0.932	normal
chr04	29700001	29800000	0.029	0.999	normal
chr04	29800001	29900000	0.033	1.197	normal

chr04	29900001	30000000	0.025	1.353	normal
chr16	1	100000	0.016	1.011	normal
chr16	100001	200000	-0.006	0.963	normal
chr16	200001	300000	0.067	0.647	normal
chr16	300001	400000	0.043	0.998	normal
chr16	400001	500000	0.010	0.936	normal
chr16	500001	600000	0.035	1.038	normal
chr16	600001	700000	0.019	1.136	normal
chr16	700001	800000	0.039	1.072	normal
chr16	800001	900000	0.064	1.269	normal
chr16	900001	1000000	0.051	1.128	normal
chr16	1000001	1100000	0.073	0.847	normal
chr16	1100001	1200000	0.042	1.046	normal
chr16	1200001	1300000	0.050	1.128	normal
chr16	1300001	1400000	0.024	0.927	normal
chr16	1400001	1500000	0.013	1.027	normal
chr16	1500001	1600000	0.007	1.237	normal
chr16	1600001	1700000	0.006	1.070	normal
chr16	1700001	1800000	0.001	1.132	normal
chr16	1800001	1900000	0.046	1.209	normal
chr16	1900001	2000000	0.066	1.283	normal
chr16	2000001	2100000	0.065	1.349	normal
chr16	2100001	2200000	0.043	1.351	normal
chr16	2200001	2300000	0.068	1.047	normal
chr16	2300001	2400000	0.070	1.000	normal
chr16	2400001	2500000	0.045	1.036	normal
chr16	2500001	2600000	0.051	0.887	normal
chr16	2600001	2700000	0.044	1.027	normal
chr16	2700001	2800000	0.038	1.020	normal
chr16	2800001	2900000	0.036	1.002	normal
chr16	2900001	3000000	0.085	0.849	normal
chr16	3000001	3100000	0.060	0.862	normal
chr16	3100001	3200000	0.047	0.992	normal
chr16	3200001	3300000	0.070	0.915	normal
chr16	3300001	3400000	0.033	1.449	normal
chr16	3400001	3500000	0.081	1.643	normal
chr16	3500001	3600000	0.054	0.741	normal
chr16	3600001	3700000	0.093	0.844	normal
chr16	3700001	3800000	0.058	0.716	normal
chr16	3800001	3900000	0.031	0.960	normal
chr16	3900001	4000000	0.043	0.958	normal
chr16	4000001	4100000	0.057	1.178	normal
chr16	4100001	4200000	0.059	0.986	normal
chr16	4200001	4300000	0.065	0.936	normal

chr16	4300001	4400000	0.079	0.915	normal
chr16	4400001	4500000	0.062	0.825	normal
chr16	4500001	4600000	0.041	0.987	normal
chr16	4600001	4700000	0.049	1.285	normal
chr16	4700001	4800000	0.063	0.983	normal
chr16	4800001	4900000	0.030	1.036	normal
chr16	4900001	5000000	0.012	1.027	normal
chr16	5000001	5100000	0.037	1.097	normal
chr16	5100001	5200000	0.050	1.044	normal
chr16	5200001	5300000	0.053	0.922	normal
chr16	5300001	5400000	0.037	0.923	normal
chr16	5400001	5500000	0.017	0.985	normal
chr16	5500001	5600000	0.020	0.948	normal
chr16	5600001	5700000	0.077	0.908	normal
chr16	5700001	5800000	0.131	0.863	normal
chr16	5800001	5900000	0.054	1.120	normal
chr16	5900001	6000000	0.027	1.034	normal
chr16	6000001	6100000	0.035	0.966	normal
chr16	6100001	6200000	0.041	0.883	normal
chr16	6200001	6300000	0.069	1.075	normal
chr16	6300001	6400000	0.075	1.169	normal
chr16	6400001	6500000	0.047	1.101	normal
chr16	6500001	6600000	0.044	1.044	normal
chr16	6600001	6700000	0.046	1.089	normal
chr16	6700001	6800000	0.057	0.987	normal
chr16	6800001	6900000	0.075	1.035	normal
chr16	6900001	7000000	0.061	1.126	normal
chr16	7000001	7100000	0.051	1.127	normal
chr16	7100001	7200000	0.050	1.069	normal
chr16	7200001	7300000	0.067	1.436	normal
chr16	7300001	7400000	0.078	0.698	normal
chr16	7400001	7500000	0.087	0.636	normal
chr16	7500001	7600000	0.018	0.991	normal
chr16	7600001	7700000	0.058	1.011	normal
chr16	7700001	7800000	0.040	1.033	normal
chr16	7800001	7900000	0.029	1.169	normal
chr16	7900001	8000000	0.049	1.014	normal
chr16	8000001	8100000	0.119	0.925	normal
chr16	8100001	8200000	0.069	1.113	normal
chr16	8200001	8300000	0.090	1.487	normal
chr16	8300001	8400000	0.046	1.114	normal
chr16	8400001	8500000	0.077	1.218	normal
chr16	8500001	8600000	0.089	1.103	normal
chr16	8600001	8700000	0.075	0.911	normal

chr16	8700001	8800000	0.079	1.009	normal
chr16	8800001	8900000	0.068	1.172	normal
chr16	8900001	9000000	0.063	0.855	normal
chr16	9000001	9100000	0.059	0.902	normal
chr16	9100001	9200000	0.046	1.195	normal
chr16	9200001	9300000	0.060	1.216	normal
chr16	9300001	9400000	0.103	1.224	normal
chr16	9400001	9500000	0.088	0.802	normal
chr16	9500001	9600000	0.094	0.765	normal
chr16	9600001	9700000	0.101	0.628	normal
chr16	9700001	9800000	0.071	0.827	normal
chr16	9800001	9900000	0.047	0.991	normal
chr16	9900001	10000000	0.080	1.053	normal
chr16	10000001	10100000	0.118	1.102	normal
chr16	10100001	10200000	0.038	1.126	normal
chr16	10200001	10300000	0.047	1.117	normal
chr16	10300001	10400000	0.137	2.200	normal
chr16	10400001	10500000	0.069	1.153	normal
chr16	10500001	10600000	0.046	0.983	normal
chr16	10600001	10700000	0.156	1.336	normal
chr16	10700001	10800000	0.055	0.982	normal
chr16	10800001	10900000	0.032	1.319	normal
chr16	10900001	11000000	0.042	1.253	normal
chr16	11000001	11100000	0.011	1.252	normal
chr16	11100001	11200000	0.014	1.052	normal
chr16	11200001	11300000	0.031	1.253	normal
chr16	11300001	11400000	0.044	1.041	normal
chr16	11400001	11500000	0.025	1.157	normal
chr16	11500001	11600000	0.026	1.009	normal
chr16	11600001	11700000	0.027	0.978	normal
chr16	11700001	11800000	0.151	0.894	normal
chr16	11800001	11900000	0.072	1.666	normal
chr16	11900001	12000000	0.100	0.861	normal
chr16	12000001	12100000	0.022	1.215	normal
chr16	12100001	12200000	0.059	0.727	normal
chr16	12200001	12300000	0.058	0.885	normal
chr16	12300001	12400000	0.053	0.982	normal
chr16	12400001	12500000	0.070	0.806	normal
chr16	12500001	12600000	0.017	1.585	normal
chr16	12600001	12700000	0.080	0.973	normal
chr16	12700001	12800000	0.077	1.187	normal
chr16	12800001	12900000	0.030	0.999	normal
chr16	12900001	13000000	0.092	2.411	normal
chr16	13000001	13100000	0.095	2.437	normal

chr16	13100001	13200000	0.060	1.409	normal
chr16	13200001	13300000	0.069	2.039	normal
chr16	13300001	13400000	0.100	1.041	normal
chr16	13400001	13500000	0.109	0.764	normal
chr16	13500001	13600000	0.104	1.018	normal
chr16	13600001	13700000	0.075	0.850	normal
chr16	13700001	13800000	0.052	1.062	normal
chr16	13800001	13900000	0.062	1.130	normal
chr16	13900001	14000000	0.036	1.135	normal
chr16	14000001	14100000	0.075	1.209	normal
chr16	14100001	14200000	0.047	0.947	normal
chr16	14200001	14300000	0.081	0.574	normal
chr16	14300001	14400000	0.041	0.760	normal
chr16	14400001	14500000	0.077	0.886	normal
chr16	14500001	14600000	0.070	0.830	normal
chr16	14600001	14700000	0.056	1.038	normal
chr16	14700001	14800000	0.085	0.699	normal
chr16	14800001	14900000	0.093	0.794	normal
chr16	14900001	15000000	0.053	1.387	normal
chr16	15000001	15100000	0.113	1.175	normal
chr16	15100001	15200000	0.079	1.064	normal
chr16	15200001	15300000	0.055	1.130	normal
chr16	15300001	15400000	0.071	1.110	normal
chr16	15400001	15500000	0.031	0.996	normal
chr16	15500001	15600000	0.039	0.951	normal
chr16	15600001	15700000	0.033	0.943	normal
chr16	15700001	15800000	0.038	0.979	normal
chr16	15800001	15900000	0.042	0.886	normal
chr16	15900001	16000000	0.031	0.946	normal
chr16	16000001	16100000	0.075	1.055	normal
chr16	16100001	16200000	0.060	1.089	normal
chr16	16200001	16300000	0.071	0.907	normal
chr16	16300001	16400000	0.090	0.821	normal
chr16	16400001	16500000	0.013	1.037	normal
chr16	16500001	16600000	0.024	0.650	normal
chr16	16600001	16700000	0.065	1.034	normal
chr16	16700001	16800000	0.055	0.823	normal
chr16	16800001	16900000	0.058	1.181	normal
chr16	16900001	17000000	0.111	0.871	normal
chr16	17000001	17100000	0.084	1.016	normal
chr16	17100001	17200000	0.064	1.150	normal
chr16	17200001	17300000	0.096	1.633	normal
chr16	17300001	17400000	0.050	1.390	normal
chr16	17400001	17500000	0.060	1.339	normal

chr16	17500001	17600000	0.121	1.265	normal
chr16	17600001	17700000	0.057	1.185	normal
chr16	17700001	17800000	0.050	1.235	normal
chr16	17800001	17900000	0.106	0.955	normal
chr16	17900001	18000000	0.099	1.246	normal
chr16	18000001	18100000	0.066	1.464	normal
chr16	18100001	18200000	0.071	1.078	normal
chr16	18200001	18300000	0.062	1.059	normal
chr16	18300001	18400000	0.064	1.185	normal
chr16	18400001	18500000	0.053	1.053	normal
chr16	18500001	18600000	0.073	0.859	normal
chr16	18600001	18700000	0.084	0.801	normal
chr16	18700001	18800000	0.098	0.685	normal
chr16	18800001	18900000	0.093	0.926	normal
chr16	18900001	19000000	0.074	0.815	normal
chr16	19000001	19100000	0.126	1.373	normal
chr16	19100001	19200000	0.033	1.003	normal
chr16	19200001	19300000	0.056	0.924	normal
chr16	19300001	19400000	0.147	1.020	normal
chr16	19400001	19500000	0.083	0.816	normal
chr16	19500001	19600000	0.103	1.030	normal
chr16	19600001	19700000	0.064	1.017	normal
chr16	19700001	19800000	0.071	0.845	normal
chr16	19800001	19900000	0.165	1.425	normal
chr16	19900001	20000000	0.053	0.862	normal
chr16	20000001	20100000	0.038	0.956	normal
chr16	20100001	20200000	0.039	1.003	normal
chr16	20200001	20300000	0.028	0.983	normal
chr16	20300001	20400000	0.033	0.857	normal
chr16	20400001	20500000	0.063	0.843	normal
chr16	20500001	20600000	0.071	1.029	normal
chr16	20600001	20700000	0.063	0.880	normal
chr16	20700001	20800000	0.093	1.238	normal
chr16	20800001	20900000	0.107	0.946	normal
chr16	20900001	21000000	0.039	0.990	normal
chr16	21000001	21100000	0.036	1.200	normal
chr16	21100001	21200000	0.039	0.921	normal
chr16	21200001	21300000	0.078	1.058	normal
chr16	21300001	21400000	0.068	1.003	normal
chr16	21400001	21500000	0.067	0.991	normal
chr16	21500001	21600000	0.110	1.643	normal
chr16	21600001	21700000	0.068	0.952	normal
chr16	21700001	21800000	0.067	1.130	normal
chr16	21800001	21900000	0.094	1.036	normal

chr16	21900001	22000000	0.057	0.961	normal
chr16	22000001	22100000	0.104	0.633	normal
chr16	22100001	22200000	0.108	0.715	normal
chr16	22200001	22300000	0.087	0.786	normal
chr16	22300001	22400000	0.065	0.863	normal
chr16	22400001	22500000	0.016	0.898	normal
chr16	22500001	22600000	0.024	0.864	normal
chr16	22600001	22700000	0.049	0.910	normal
chr16	22700001	22800000	0.044	1.048	normal
chr16	22800001	22900000	0.131	0.767	normal
chr16	22900001	23000000	0.143	0.788	normal
chr16	23000001	23100000	0.107	1.113	normal
chr16	23100001	23200000	0.046	1.001	normal
chr16	23200001	23300000	0.059	0.887	normal
chr16	23300001	23400000	0.123	0.496	normal
chr16	23400001	23500000	0.141	1.262	normal
chr16	23500001	23600000	0.065	1.268	normal
chr16	23600001	23700000	0.091	1.283	normal
chr16	23700001	23800000	0.084	1.737	normal
chr16	23800001	23900000	0.010	1.035	normal
chr16	23900001	24000000	0.061	0.920	normal
chr16	24000001	24100000	0.063	0.893	normal
chr16	24100001	24200000	0.034	0.982	normal
chr16	24200001	24300000	0.059	0.922	normal
chr16	24300001	24400000	0.061	1.200	normal
chr16	24400001	24500000	0.064	1.226	normal
chr16	24500001	24600000	0.076	1.326	normal
chr16	24600001	24700000	0.074	1.410	normal
chr16	24700001	24800000	0.108	0.650	normal
chr16	24800001	24900000	0.049	0.939	normal
chr16	24900001	25000000	0.063	0.833	normal
chr16	25000001	25100000	0.059	0.933	normal
chr16	25100001	25200000	0.067	0.861	normal
chr16	25200001	25300000	0.031	0.971	normal
chr05	1	100000	0.019	0.969	normal
chr05	100001	200000	0.036	1.056	normal
chr05	200001	300000	0.015	1.074	normal
chr05	300001	400000	0.066	0.945	normal
chr05	400001	500000	0.087	0.974	normal
chr05	500001	600000	0.072	1.198	normal
chr05	600001	700000	0.060	0.828	normal
chr05	700001	800000	0.071	1.099	normal
chr05	800001	900000	0.056	1.106	normal
chr05	900001	1000000	0.032	0.886	normal

chr05	1000001	1100000	0.044	0.920	normal
chr05	1100001	1200000	0.058	0.861	normal
chr05	1200001	1300000	0.049	0.948	normal
chr05	1300001	1400000	0.065	0.955	normal
chr05	1400001	1500000	0.034	0.989	normal
chr05	1500001	1600000	0.029	1.047	normal
chr05	1600001	1700000	0.027	0.892	normal
chr05	1700001	1800000	0.023	1.202	normal
chr05	1800001	1900000	0.037	0.979	normal
chr05	1900001	2000000	0.072	1.010	normal
chr05	2000001	2100000	0.028	1.047	normal
chr05	2100001	2200000	0.033	1.331	normal
chr05	2200001	2300000	0.030	0.919	normal
chr05	2300001	2400000	0.027	1.040	normal
chr05	2400001	2500000	0.044	0.882	normal
chr05	2500001	2600000	0.069	0.933	normal
chr05	2600001	2700000	0.035	0.941	normal
chr05	2700001	2800000	0.022	1.001	normal
chr05	2800001	2900000	0.053	0.969	normal
chr05	2900001	3000000	0.048	0.867	normal
chr05	3000001	3100000	0.066	1.137	normal
chr05	3100001	3200000	0.100	0.702	normal
chr05	3200001	3300000	0.030	1.122	normal
chr05	3300001	3400000	0.050	1.010	normal
chr05	3400001	3500000	0.082	0.750	normal
chr05	3500001	3600000	0.054	1.033	normal
chr05	3600001	3700000	0.096	1.064	normal
chr05	3700001	3800000	0.055	0.927	normal
chr05	3800001	3900000	0.068	0.744	normal
chr05	3900001	4000000	0.055	0.947	normal
chr05	4000001	4100000	0.041	0.896	normal
chr05	4100001	4200000	0.072	1.113	normal
chr05	4200001	4300000	0.060	0.975	normal
chr05	4300001	4400000	0.050	0.943	normal
chr05	4400001	4500000	0.027	0.982	normal
chr05	4500001	4600000	0.033	1.027	normal
chr05	4600001	4700000	0.042	1.008	normal
chr05	4700001	4800000	0.022	0.969	normal
chr05	4800001	4900000	0.052	0.829	normal
chr05	4900001	5000000	0.035	0.970	normal
chr05	5000001	5100000	0.055	0.844	normal
chr05	5100001	5200000	0.048	0.663	normal
chr05	5200001	5300000	0.023	0.887	normal
chr05	5300001	5400000	0.066	1.045	normal

chr05	5400001	5500000	0.049	1.189	normal
chr05	5500001	5600000	0.042	1.080	normal
chr05	5600001	5700000	0.031	1.029	normal
chr05	5700001	5800000	0.041	1.304	normal
chr05	5800001	5900000	0.052	1.149	normal
chr05	5900001	6000000	0.118	1.192	normal
chr05	6000001	6100000	0.104	1.108	normal
chr05	6100001	6200000	0.113	1.142	normal
chr05	6200001	6300000	0.098	0.804	normal
chr05	6300001	6400000	0.074	1.084	normal
chr05	6400001	6500000	0.138	0.914	normal
chr05	6500001	6600000	0.121	0.805	normal
chr05	6600001	6700000	0.118	0.811	normal
chr05	6700001	6800000	0.060	1.098	normal
chr05	6800001	6900000	0.164	0.833	normal
chr05	6900001	7000000	0.097	1.227	normal
chr05	7000001	7100000	0.141	1.291	normal
chr05	7100001	7200000	0.113	1.216	normal
chr05	7200001	7300000	0.082	1.205	normal
chr05	7300001	7400000	0.090	1.084	normal
chr05	7400001	7500000	0.140	0.701	normal
chr05	7500001	7600000	0.102	1.205	normal
chr05	7600001	7700000	0.126	0.868	normal
chr05	7700001	7800000	0.077	0.978	normal
chr05	7800001	7900000	0.085	0.932	normal
chr05	7900001	8000000	0.113	0.924	normal
chr05	8000001	8100000	0.227	0.589	normal
chr05	8100001	8200000	0.114	0.838	normal
chr05	8200001	8300000	0.076	0.906	normal
chr05	8300001	8400000	0.096	0.970	normal
chr05	8400001	8500000	0.071	1.098	normal
chr05	8500001	8600000	0.119	0.770	normal
chr05	8600001	8700000	0.069	0.907	normal
chr05	8700001	8800000	0.087	0.984	normal
chr05	8800001	8900000	0.074	1.021	normal
chr05	8900001	9000000	0.099	0.981	normal
chr05	9000001	9100000	0.100	0.987	normal
chr05	9100001	9200000	0.088	0.974	normal
chr05	9200001	9300000	0.083	1.093	normal
chr05	9300001	9400000	0.056	0.927	normal
chr05	9400001	9500000	0.146	0.646	normal
chr05	9500001	9600000	0.079	1.278	normal
chr05	9600001	9700000	0.073	1.113	normal
chr05	9700001	9800000	0.111	0.985	normal

chr05	9800001	9900000	0.059	1.091	normal
chr05	9900001	10000000	0.195	0.598	normal
chr05	10000001	10100000	0.089	0.982	normal
chr05	10100001	10200000	0.058	1.021	normal
chr05	10200001	10300000	0.049	1.179	normal
chr05	10300001	10400000	0.077	0.912	normal
chr05	10400001	10500000	0.079	1.026	normal
chr05	10500001	10600000	0.067	1.008	normal
chr05	10600001	10700000	0.055	1.081	normal
chr05	10700001	10800000	0.104	0.920	normal
chr05	10800001	10900000	0.111	0.795	normal
chr05	10900001	11000000	0.136	0.887	normal
chr05	11000001	11100000	0.054	1.013	normal
chr05	11100001	11200000	0.059	1.078	normal
chr05	11200001	11300000	0.060	0.842	normal
chr05	11300001	11400000	0.063	0.967	normal
chr05	11400001	11500000	0.056	0.878	normal
chr05	11500001	11600000	0.050	1.084	normal
chr05	11600001	11700000	0.077	0.985	normal
chr05	11700001	11800000	0.089	0.693	normal
chr05	11800001	11900000	0.072	0.834	normal
chr05	11900001	12000000	0.049	1.082	normal
chr05	12000001	12100000	0.180	0.778	normal
chr05	12100001	12200000	0.144	0.892	normal
chr05	12200001	12300000	0.081	0.984	normal
chr05	12300001	12400000	0.134	0.641	normal
chr05	12400001	12500000	0.151	0.726	normal
chr05	12500001	12600000	0.117	0.781	normal
chr05	12600001	12700000	0.077	1.039	normal
chr05	12700001	12800000	0.097	0.845	normal
chr05	12800001	12900000	0.030	1.052	normal
chr05	12900001	13000000	0.051	1.147	normal
chr05	13000001	13100000	0.064	1.066	normal
chr05	13100001	13200000	0.107	0.865	normal
chr05	13200001	13300000	0.073	1.051	normal
chr05	13300001	13400000	0.054	1.027	normal
chr05	13400001	13500000	0.085	0.902	normal
chr05	13500001	13600000	0.077	1.105	normal
chr05	13600001	13700000	0.086	0.968	normal
chr05	13700001	13800000	0.048	1.164	normal
chr05	13800001	13900000	0.038	1.009	normal
chr05	13900001	14000000	0.044	0.919	normal
chr05	14000001	14100000	0.075	1.398	normal
chr05	14100001	14200000	0.100	2.104	normal

chr05	14200001	14300000	0.062	1.995	normal
chr05	14300001	14400000	0.066	2.493	normal
chr05	14400001	14500000	0.079	1.104	normal
chr05	14500001	14600000	0.101	0.904	normal
chr05	14600001	14700000	0.045	1.017	normal
chr05	14700001	14800000	0.081	1.357	normal
chr05	14800001	14900000	0.047	1.116	normal
chr05	14900001	15000000	0.066	1.158	normal
chr05	15000001	15100000	0.062	1.354	normal
chr05	15100001	15200000	0.060	0.992	normal
chr05	15200001	15300000	0.086	0.937	normal
chr05	15300001	15400000	0.072	0.980	normal
chr05	15400001	15500000	0.024	0.991	normal
chr05	15500001	15600000	0.069	1.239	normal
chr05	15600001	15700000	0.059	1.017	normal
chr05	15700001	15800000	0.073	1.021	normal
chr05	15800001	15900000	0.163	1.886	sig
chr05	15900001	16000000	0.161	1.831	sig
chr05	16000001	16100000	0.149	1.563	normal
chr05	16100001	16200000	0.168	2.100	sig
chr05	16200001	16300000	0.174	1.976	sig
chr05	16300001	16400000	0.112	1.277	normal
chr05	16400001	16500000	0.172	1.986	sig
chr05	16500001	16600000	0.098	1.534	normal
chr05	16600001	16700000	0.025	1.006	normal
chr05	16700001	16800000	0.035	1.353	normal
chr05	16800001	16900000	0.017	0.978	normal
chr05	16900001	17000000	0.027	1.048	normal
chr05	17000001	17100000	0.039	0.880	normal
chr05	17100001	17200000	0.023	1.031	normal
chr05	17200001	17300000	0.049	1.524	normal
chr05	17300001	17400000	0.063	1.307	normal
chr05	17400001	17500000	0.076	0.730	normal
chr05	17500001	17600000	0.054	0.856	normal
chr05	17600001	17700000	0.051	1.703	normal
chr05	17700001	17800000	0.063	1.631	normal
chr05	17800001	17900000	0.063	1.039	normal
chr05	17900001	18000000	0.059	1.244	normal
chr05	18000001	18100000	0.063	1.283	normal
chr05	18100001	18200000	0.075	0.993	normal
chr05	18200001	18300000	0.149	0.472	normal
chr05	18300001	18400000	0.076	0.815	normal
chr05	18400001	18500000	0.038	1.202	normal
chr05	18500001	18600000	0.053	1.213	normal

chr05	18600001	18700000	0.115	0.571	normal
chr05	18700001	18800000	0.126	0.582	normal
chr05	18800001	18900000	0.060	1.026	normal
chr05	18900001	19000000	0.034	1.022	normal
chr05	19000001	19100000	0.056	0.968	normal
chr05	19100001	19200000	0.079	1.001	normal
chr05	19200001	19300000	0.048	0.904	normal
chr05	19300001	19400000	0.094	0.784	normal
chr05	19400001	19500000	0.067	1.083	normal
chr05	19500001	19600000	0.206	0.479	normal
chr05	19600001	19700000	0.093	0.801	normal
chr05	19700001	19800000	0.103	0.780	normal
chr05	19800001	19900000	0.199	0.346	normal
chr05	19900001	20000000	0.054	0.940	normal
chr05	20000001	20100000	0.146	0.638	normal
chr05	20100001	20200000	0.091	1.063	normal
chr05	20200001	20300000	0.063	0.894	normal
chr05	20300001	20400000	0.056	0.932	normal
chr05	20400001	20500000	0.080	0.873	normal
chr05	20500001	20600000	0.032	1.001	normal
chr05	20600001	20700000	0.018	0.982	normal
chr05	20700001	20800000	0.032	1.119	normal
chr05	20800001	20900000	0.033	1.124	normal
Between populations			0.075	1.061	