

ID	Chromosome	CGI.Relation	Average β -values in chordomas	Average β -values in Controls	Delta β -values	FDR
cg16140253	chr1	South Shelf	0.59991419	0.220631983	-0.3792822	6.99E-06
cg20253872	chr1	South Shelf	0.664091196	0.231366145	-0.4327251	0.037943
cg13556548	chr1	South Shore	0.632234136	0.1985278	-0.4337063	0.022597
cg02396224	chr1	Island	0.525070687	0.134050212	-0.3910205	2.56E-07
cg25007705	chr1	Open Sea	0.58135295	0.242795693	-0.3385573	3.32E-05
cg14181576	chr1	Island	0.506483984	0.07817242	-0.4283116	6.71E-10
cg13448978	chr1	Island	0.567771446	0.163699437	-0.404072	1.1E-07
cg09370867	chr1	Island	0.577308974	0.198924835	-0.3783841	2.57E-09
cg22851420	chr1	Island	0.539036884	0.082290468	-0.4567464	0.000201
cg09858862	chr1	South Shore	0.520560443	0.219872753	-0.3006877	0.002438
cg00279406	chr1	Island	0.508213255	0.232820944	-0.2753923	1.9E-06
cg12587954	chr1	South Shore	0.524024699	0.192070864	-0.3319538	0.001128
cg10055231	chr1	North Shelf	0.701823827	0.184109691	-0.5177141	0.000205
cg12690996	chr1	North Shore	0.547249223	0.129691429	-0.4175578	0.044553
cg09317884	chr1	Island	0.557198472	0.126973209	-0.4302253	0.004297
cg22159815	chr1	Open Sea	0.725046911	0.246555406	-0.4784915	0.001622
cg10572465	chr1	Open Sea	0.507079427	0.145861595	-0.3612178	0.000689
cg15731815	chr1	Island	0.548232246	0.080103101	-0.4681291	2.93E-06
cg00030047	chr1	North Shore	0.609681645	0.213499359	-0.3961823	0.017322
cg26363759	chr1	Open Sea	0.631029229	0.204696835	-0.4263324	3.76E-05
cg18398753	chr1	Open Sea	0.569389385	0.175982838	-0.3934065	0.041322
cg22339338	chr1	North Shelf	0.584862152	0.246089346	-0.3387728	0.035974
cg06851000	chr1	South Shore	0.543594129	0.15939915	-0.384195	0.002473
cg06829686	chr1	Island	0.573680038	0.103047706	-0.4706323	1.6E-10
cg24315421	chr1	North Shore	0.561444341	0.073487976	-0.4879564	2.11E-09
cg10061129	chr1	Open Sea	0.61943762	0.212802431	-0.4066352	3.43E-09
cg03538430	chr1	Island	0.506776813	0.162452066	-0.3443247	1.77E-08
cg13209762	chr1	Open Sea	0.509354455	0.236223933	-0.2731305	5.5E-07
cg19250799	chr1	Island	0.503207091	0.060008489	-0.4431986	2.48E-06
cg05956608	chr1	Open Sea	0.651368032	0.062765454	-0.5886026	6.47E-05
cg00085493	chr1	North Shore	0.532136112	0.132735263	-0.3994008	0.005087
cg04717485	chr1	North Shelf	0.53220863	0.233756916	-0.2984517	0.006099
cg11710659	chr1	Open Sea	0.511813362	0.144986649	-0.3668267	0.006639
cg17966560	chr1	North Shore	0.658032192	0.16460658	-0.4934256	0.012894
cg15199181	chr1	Open Sea	0.534716337	0.241762407	-0.2929539	0.019537
cg16310095	chr1	Open Sea	0.524135449	0.212702766	-0.3114327	0.024272
cg22353551	chr1	North Shore	0.549700338	0.240116948	-0.3095834	0.026128
cg10158681	chr10	Open Sea	0.511122638	0.135240281	-0.3758824	0.003007
cg05194426	chr10	South Shore	0.574026718	0.152740902	-0.4212858	0.000572
cg07356745	chr10	Open Sea	0.673945188	0.150189558	-0.5237556	0.003342
cg00244001	chr10	Open Sea	0.52981903	0.0951584	-0.4346606	7.97E-06
cg10258719	chr10	North Shore	0.502029167	0.226209537	-0.2758196	0.018681
cg02185052	chr10	South Shore	0.503968626	0.118535487	-0.3854331	0.000106
cg13269555	chr10	Island	0.553814356	0.165452577	-0.3883618	0.005674
cg26605164	chr10	Island	0.551399021	0.112334464	-0.4390646	0.011682
cg09216670	chr10	North Shelf	0.554377269	0.215550014	-0.3388273	0.02279
cg07451524	chr10	Island	0.521372382	0.197223482	-0.3241489	0.000425
cg03701930	chr10	Open Sea	0.591964036	0.160907818	-0.4310562	4.73E-06

cg06850005	chr10	North Shore	0.562563389	0.108365415	-0.454198	0.000473
cg11426080	chr10	Open Sea	0.557407641	0.207194742	-0.3502129	0.000822
cg17481047	chr10	Island	0.552838535	0.155267105	-0.3975714	0.001088
cg19252931	chr11	Island	0.547138352	0.226104309	-0.321034	0.010694
cg08897150	chr11	North Shore	0.559951524	0.238934361	-0.3210172	0.032309
cg05550420	chr11	Open Sea	0.599188526	0.218647725	-0.3805408	2.91E-06
cg16029939	chr11	Island	0.502312042	0.149935381	-0.3523767	6.52E-05
cg13912027	chr11	Open Sea	0.719143091	0.085289974	-0.6338531	7.12E-05
cg13300301	chr11	South Shore	0.715851089	0.220988282	-0.4948628	0.001072
cg02856190	chr11	South Shelf	0.705464963	0.231898378	-0.4735666	0.020097
cg11608884	chr11	Island	0.645755553	0.2136941	-0.4320615	0.009911
cg14630206	chr11	North Shore	0.590413009	0.173299396	-0.4171136	0.004082
cg14088196	chr11	Open Sea	0.621222168	0.231913603	-0.3893086	0.000344
cg03983837	chr11	Open Sea	0.537495017	0.09199263	-0.4455024	1.53E-11
cg08533336	chr11	Island	0.556123724	0.076481719	-0.479642	5.2E-05
cg20216139	chr11	Island	0.517772984	0.21866844	-0.2991045	0.019117
cg04216117	chr11	South Shore	0.550310382	0.178924068	-0.3713863	0.025568
cg11261850	chr11	Open Sea	0.610001353	0.245801601	-0.3641998	0.042109
cg06734406	chr12	Island	0.51901516	0.164339123	-0.354676	0.002097
cg05361096	chr12	Island	0.551572031	0.227491702	-0.3240803	0.01367
cg04046364	chr12	Open Sea	0.566999913	0.245463699	-0.3215362	0.018471
cg20166714	chr12	Island	0.542808401	0.063831294	-0.4789771	8.96E-10
cg19897003	chr12	Island	0.536307739	0.047843497	-0.4884642	2.27E-09
cg03669590	chr12	Island	0.514006779	0.053791	-0.4602158	3.06E-09
cg20181887	chr12	North Shore	0.722074113	0.161152661	-0.5609215	0.01065
cg06647068	chr12	South Shore	0.56229726	0.154293572	-0.4080037	9.07E-06
cg26416887	chr12	Open Sea	0.58648471	0.089136135	-0.4973486	2.46E-05
cg11265839	chr12	South Shelf	0.687556214	0.216454163	-0.4711021	6.76E-08
cg18705931	chr12	Island	0.596051663	0.198107275	-0.3979444	0.00021
cg06611426	chr12	South Shelf	0.636022428	0.248624069	-0.3873984	0.01413
cg19554257	chr12	Open Sea	0.519510818	0.199205693	-0.3203051	0.019456
cg11050793	chr12	South Shelf	0.628728626	0.207123725	-0.4216049	0.012259
cg09093210	chr12	Island	0.538317553	0.242428576	-0.295889	0.001449
cg07687131	chr12	South Shore	0.500869412	0.109979201	-0.3908902	7.36E-06
cg11090202	chr12	North Shore	0.508017898	0.153286651	-0.3547312	2.33E-07
cg09002919	chr12	Open Sea	0.608669538	0.180936648	-0.4277329	9.05E-06
cg18810681	chr12	Open Sea	0.527656363	0.214671791	-0.3129846	1.03E-05
cg13581015	chr12	North Shore	0.570987708	0.174026476	-0.3969612	0.000272
cg24834394	chr12	Open Sea	0.568638321	0.137594257	-0.4310441	0.02207
cg17322044	chr12	Open Sea	0.642194735	0.176638237	-0.4655565	0.040083
cg00806704	chr13	North Shore	0.543771085	0.169465321	-0.3743058	1.84E-06
cg06048436	chr13	Open Sea	0.565921719	0.131721907	-0.4341998	2.81E-05
cg16131748	chr13	Open Sea	0.537129254	0.109036845	-0.4280924	0.002111
cg24453118	chr13	Open Sea	0.550716539	0.135080261	-0.4156363	0.003404
cg25658983	chr13	Open Sea	0.501213814	0.199256932	-0.3019569	0.033995
cg11570656	chr13	North Shore	0.522539392	0.241998039	-0.2805414	2.11E-06
cg09942546	chr13	North Shore	0.513279818	0.143876736	-0.3694031	5.77E-05
cg03697308	chr13	South Shore	0.580070985	0.174062257	-0.4060087	0.018904
cg16896868	chr13	Open Sea	0.641887714	0.186809648	-0.4550781	0.039977
cg15975806	chr13	Open Sea	0.662749127	0.208780551	-0.4539686	0.044057

cg14233720	chr14	Open Sea	0.533981257	0.183019772	-0.3509615	0.009359
cg06834875	chr14	Island	0.582980785	0.128103302	-0.4548775	0.001316
cg00808648	chr14	North Shore	0.596134495	0.192280253	-0.4038542	0.018129
cg09636214	chr14	Island	0.633117903	0.080828398	-0.5522895	2.04E-08
cg21885107	chr14	Island	0.564456926	0.241334759	-0.3231222	0.024524
cg26094789	chr14	Island	0.567750559	0.191750029	-0.3760005	0.001098
cg18512948	chr14	Island	0.511128762	0.244904442	-0.2662243	0.000143
cg16597391	chr14	Island	0.532110729	0.173482492	-0.3586282	0.00013
cg24169669	chr14	Island	0.556549288	0.158518519	-0.3980308	0.001997
cg12922751	chr14	North Shore	0.565939127	0.137922235	-0.4280169	0.008818
cg12978105	chr14	Island	0.527074032	0.188047139	-0.3390269	0.009819
cg09317728	chr14	Open Sea	0.534337308	0.173617785	-0.3607195	0.009878
cg23511824	chr14	Open Sea	0.640973377	0.164733902	-0.4762395	0.022981
cg05926722	chr14	Island	0.623725917	0.151565513	-0.4721604	0.023197
cg27370471	chr15	Open Sea	0.515096241	0.200538464	-0.3145578	0.000332
cg26127778	chr15	Island	0.561765906	0.18246296	-0.3793029	2.43E-06
cg12134633	chr15	Open Sea	0.53748071	0.237630366	-0.2998503	0.040602
cg00027650	chr15	Open Sea	0.658637122	0.216560871	-0.4420763	0.034551
cg26150514	chr15	North Shelf	0.731172942	0.161903609	-0.5692693	5.71E-14
cg05994244	chr15	Island	0.585900835	0.167098651	-0.4188022	4.45E-10
cg01953658	chr15	North Shore	0.555394799	0.109195969	-0.4461988	3.11E-07
cg04854226	chr15	North Shore	0.561784012	0.204379442	-0.3574046	2.45E-05
cg03717836	chr15	Open Sea	0.619304064	0.143796424	-0.4755076	3.24E-05
cg01218896	chr15	South Shore	0.508903084	0.119823544	-0.3890795	5.63E-05
cg12177851	chr15	Open Sea	0.607914648	0.248779965	-0.3591347	0.000346
cg14494620	chr15	Island	0.667860189	0.18278914	-0.485071	0.043256
cg16668651	chr15	Open Sea	0.552914097	0.135965051	-0.416949	0.04424
cg09854734	chr16	Island	0.52123887	0.101094455	-0.4201444	2.11E-05
cg16547186	chr16	Open Sea	0.504256663	0.114667349	-0.3895893	0.005388
cg26580413	chr16	Open Sea	0.561941106	0.190119454	-0.3718217	0.014079
cg02220965	chr16	North Shore	0.543325743	0.200876275	-0.3424495	0.000569
cg03720617	chr16	Open Sea	0.527541771	0.095707898	-0.4318339	1.69E-07
cg02910054	chr16	Open Sea	0.646667444	0.151978527	-0.4946889	6.47E-07
cg01252526	chr16	North Shore	0.638876506	0.118081535	-0.520795	3.4E-05
cg08537367	chr16	Open Sea	0.648059857	0.168380072	-0.4796798	0.028987
cg07336350	chr16	Island	0.676705383	0.165226959	-0.5114784	3.5E-12
cg04294437	chr16	Island	0.52432574	0.117339654	-0.4069861	1.08E-10
cg05364884	chr16	Open Sea	0.629567633	0.062814915	-0.5667527	1.83E-07
cg26706803	chr16	Open Sea	0.524735138	0.146065954	-0.3786692	1.78E-05
cg07676361	chr16	South Shore	0.621663889	0.153481995	-0.4681819	3.82E-05
cg08394412	chr16	Island	0.701942791	0.145822679	-0.5561201	0.002061
cg09275704	chr16	Island	0.564331747	0.140944305	-0.4233874	0.004133
cg05766489	chr16	Island	0.599646934	0.248095618	-0.3515513	0.015574
cg08773462	chr16	Open Sea	0.676167698	0.1551086	-0.5210591	0.029152
cg00767069	chr16	Open Sea	0.571978583	0.22137964	-0.3505989	0.036531
cg04253954	chr16	North Shelf	0.578355526	0.235012312	-0.3433432	0.045048
cg04293307	chr17	North Shelf	0.521832177	0.233016354	-0.2888158	0.017835
cg11638071	chr17	South Shelf	0.521920582	0.166042515	-0.3558781	0.005722
cg22349396	chr17	Island	0.530945687	0.18834874	-0.3425969	0.001159
cg24394631	chr17	South Shore	0.50793735	0.093148361	-0.414789	1.64E-05

cg21301440	chr17	Island	0.501871993	0.166092137	-0.3357799	0.000154
cg22473770	chr17	Open Sea	0.611944788	0.164190172	-0.4477546	0.027321
cg18105842	chr17	North Shore	0.57139696	0.2415211	-0.3298759	1.59E-06
cg23796525	chr17	Open Sea	0.522662488	0.169069955	-0.3535925	9.06E-08
cg12776171	chr17	Island	0.673887083	0.163404766	-0.5104823	8.96E-08
cg21327194	chr17	Island	0.556804439	0.169462426	-0.387342	0.003041
cg09313705	chr17	South Shore	0.509027358	0.11966752	-0.3893598	4.08E-07
cg13533061	chr17	Open Sea	0.51041017	0.102321371	-0.4080888	0.000479
cg04911139	chr17	Open Sea	0.539705902	0.114735233	-0.4249707	4.05E-09
cg12744859	chr17	Island	0.626719848	0.167930484	-0.4587894	0.009083
cg08471713	chr17	Open Sea	0.676895521	0.172862615	-0.5040329	0.011549
cg10235355	chr17	Island	0.570648428	0.202882019	-0.3677664	0.028089
cg04030486	chr17	Island	0.53570557	0.170133487	-0.3655721	0.031229
cg00435173	chr17	Open Sea	0.625870419	0.187593302	-0.4382771	0.027265
cg24136700	chr17	North Shore	0.608998321	0.187215062	-0.4217833	3.58E-05
cg22292753	chr17	Open Sea	0.556785448	0.190919079	-0.3658664	0.003025
cg02299328	chr17	North Shore	0.616493439	0.215331495	-0.4011619	8.44E-10
cg17746570	chr17	North Shelf	0.606265731	0.24322797	-0.3630378	0.00107
cg06412669	chr17	Open Sea	0.548535426	0.161622968	-0.3869125	0.005733
cg09300114	chr17	Island	0.58750837	0.127086239	-0.4604221	0.000172
cg08224920	chr17	Island	0.537832022	0.185860979	-0.351971	0.004873
cg06376598	chr17	Open Sea	0.606682403	0.072656691	-0.5340257	7.21E-11
cg03845363	chr17	Open Sea	0.563961158	0.235837878	-0.3281233	0.025766
cg10080732	chr17	North Shore	0.531638999	0.202062684	-0.3295763	0.032893
cg21851534	chr17	Island	0.584198039	0.097112507	-0.4870855	0.014374
cg07673979	chr17	South Shelf	0.618282089	0.185270265	-0.4330118	3.74E-08
cg15938050	chr17	Open Sea	0.509187231	0.128208969	-0.3809783	1.53E-05
cg11692124	chr17	Island	0.539146449	0.131527113	-0.4076193	1.97E-05
cg14244013	chr17	Island	0.64761342	0.220999	-0.4266144	9.85E-05
cg25140190	chr18	North Shore	0.683158122	0.232633856	-0.4505243	4.08E-10
cg19448837	chr18	North Shore	0.512201314	0.241426222	-0.2707751	0.016632
cg21956434	chr19	Open Sea	0.540710212	0.225122821	-0.3155874	1.54E-06
cg11660879	chr19	Island	0.51308591	0.069656584	-0.4434293	7.25E-09
cg12019614	chr19	Island	0.577379152	0.129902924	-0.4474762	3.65E-08
cg13456960	chr19	North Shore	0.562477696	0.053635562	-0.5088421	2.44E-09
cg08420572	chr19	Island	0.585166631	0.037202207	-0.5479644	4.13E-12
cg24102622	chr19	Island	0.534305985	0.0396139	-0.4946921	2.63E-10
cg20454073	chr19	Island	0.548802162	0.072423732	-0.4763784	5.37E-10
cg09547756	chr19	Island	0.533320299	0.140046467	-0.3932738	0.03537
cg16167052	chr19	Island	0.500477919	0.153992001	-0.3464859	2.65E-07
cg02849693	chr19	Island	0.586564516	0.136701257	-0.4498633	0.001148
cg23690893	chr19	Open Sea	0.661858187	0.216850591	-0.4450076	0.000133
cg04728310	chr19	Island	0.502533408	0.120129215	-0.3824042	2.76E-07
cg22004069	chr19	North Shelf	0.54221111	0.227701283	-0.3145098	3.84E-07
cg22436086	chr19	Island	0.622538966	0.230406123	-0.3921328	0.000321
cg23372544	chr19	Island	0.549472996	0.196533696	-0.3529393	0.021678
cg13758331	chr2	Open Sea	0.567783824	0.189079412	-0.3787044	0.00402
cg12852187	chr2	South Shore	0.509178564	0.239763946	-0.2694146	0.008323
cg04512966	chr2	Open Sea	0.567960639	0.148481703	-0.4194789	5.56E-07
cg19744173	chr2	North Shelf	0.627370505	0.116144174	-0.5112263	0.03378

cg25586410	chr2	North Shore	0.603832689	0.106811911	-0.4970208	1.68E-08
cg05758467	chr2	South Shelf	0.68307496	0.182433088	-0.5006419	2.45E-05
cg17939889	chr2	Open Sea	0.504080408	0.169181674	-0.3348987	0.03097
cg14020052	chr2	Open Sea	0.611928445	0.179007233	-0.4329212	0.035523
cg19071452	chr2	South Shore	0.501854995	0.241230905	-0.2606241	0.014199
cg18145759	chr2	Open Sea	0.527328578	0.1488776	-0.378451	0.02529
cg06819718	chr2	North Shore	0.503228844	0.169436424	-0.3337924	9.09E-06
cg03517776	chr2	North Shore	0.56683862	0.058510396	-0.5083282	1.89E-08
cg27598107	chr2	South Shore	0.64076096	0.095494311	-0.5452666	5.91E-06
cg00028211	chr2	North Shore	0.508210579	0.21733728	-0.2908733	0.001007
cg04065472	chr2	North Shore	0.566402339	0.120564969	-0.4458374	0.002663
cg19753675	chr2	North Shore	0.54248294	0.225424126	-0.3170588	0.00269
cg02598079	chr2	North Shelf	0.539701312	0.205887643	-0.3338137	0.00557
cg05403316	chr2	Open Sea	0.562397656	0.200528428	-0.3618692	0.011485
cg16700364	chr2	South Shore	0.512681757	0.172877359	-0.3398044	0.02098
cg11039476	chr2	South Shore	0.51359361	0.148456803	-0.3651368	0.03289
cg11577716	chr20	Open Sea	0.573709707	0.207985831	-0.3657239	8.63E-05
cg15815827	chr20	South Shelf	0.534383544	0.218335593	-0.316048	0.017911
cg04628369	chr20	Island	0.606056809	0.072461951	-0.5335949	1.39E-08
cg11988036	chr20	Island	0.579907701	0.065773101	-0.5141346	0.00062
cg24865779	chr21	North Shore	0.528213859	0.054882025	-0.4733318	8.01E-08
cg21241823	chr21	Open Sea	0.565912594	0.137740906	-0.4281717	2.27E-05
cg14081667	chr21	Island	0.572909367	0.037431064	-0.5354783	8.1E-10
cg05602642	chr22	North Shore	0.564730299	0.199182011	-0.3655483	0.000377
cg15209808	chr22	Island	0.57786879	0.159973803	-0.417895	0.02027
cg23268208	chr22	Island	0.534907708	0.206488886	-0.3284188	0.046698
cg01141459	chr22	Island	0.566396241	0.171211039	-0.3951852	0.000265
cg26842622	chr22	South Shore	0.501065094	0.183382247	-0.3176828	7.1E-05
cg18548864	chr3	Open Sea	0.590762202	0.189449672	-0.4013125	0.043348
cg15554421	chr3	Open Sea	0.672836428	0.194129867	-0.4787066	0.045729
cg25821785	chr3	South Shore	0.503014643	0.147724815	-0.3552898	9.47E-05
cg09678212	chr3	Island	0.503274896	0.21970121	-0.2835737	0.000687
cg25736251	chr3	North Shore	0.504687683	0.199557234	-0.3051304	6.86E-05
cg08038033	chr3	Open Sea	0.509887572	0.072032232	-0.4378553	9.12E-06
cg07475026	chr3	Open Sea	0.653832921	0.21877898	-0.4350539	0.0219
cg11377213	chr3	Open Sea	0.606955256	0.178619718	-0.4283355	0.004025
cg24859722	chr3	Island	0.552572309	0.14508022	-0.4074921	0.014875
cg12198140	chr3	Open Sea	0.520312461	0.08653348	-0.433779	7.14E-09
cg03476195	chr4	Open Sea	0.591522636	0.088281345	-0.5032413	5.57E-10
cg02060584	chr4	Open Sea	0.531062375	0.138516209	-0.3925462	0.000161
cg05826175	chr4	Open Sea	0.518617774	0.1829891	-0.3356287	0.000162
cg00547103	chr4	Open Sea	0.573498616	0.182242619	-0.391256	0.002456
cg15400629	chr4	North Shore	0.523050781	0.173969578	-0.3490812	0.041026
cg12426146	chr4	Island	0.530024476	0.242102257	-0.2879222	0.021966
cg16742873	chr4	Island	0.513037669	0.161093308	-0.3519444	0.018456
cg05658107	chr4	Open Sea	0.557120337	0.112297121	-0.4448232	0.002323
cg04370174	chr4	Open Sea	0.620255668	0.193229683	-0.427026	3.11E-10
cg07816074	chr4	Open Sea	0.735007782	0.185605292	-0.5494025	0.00847
cg20128928	chr4	Island	0.503082408	0.213808799	-0.2892736	0.011431
cg00890363	chr4	North Shelf	0.617377888	0.051462769	-0.5659151	4.85E-14

cg20815297	chr4	North Shore	0.519533672	0.093741772	-0.4257919	4E-12
cg09354241	chr4	North Shelf	0.59130357	0.067711034	-0.5235925	1.03E-08
cg03967798	chr4	Open Sea	0.575348858	0.134596039	-0.4407528	0.005261
cg09160776	chr4	Island	0.54672542	0.162201718	-0.3845237	0.006376
cg25243082	chr4	Open Sea	0.549630797	0.174212483	-0.3754183	0.023581
cg01288724	chr5	Open Sea	0.53189629	0.183004681	-0.3488916	0.011995
cg15712777	chr5	Open Sea	0.557410806	0.136764152	-0.4206467	0.000464
cg16198692	chr5	South Shore	0.555021703	0.214766433	-0.3402553	0.033055
cg24628744	chr5	South Shore	0.50055131	0.137880116	-0.3626712	0.019292
cg09731996	chr5	Island	0.530873177	0.147303826	-0.3835694	0.000235
cg26620356	chr5	South Shore	0.552908132	0.157515369	-0.3953928	0.043678
cg16361890	chr5	North Shelf	0.545433434	0.156674722	-0.3887587	0.003532
cg11316131	chr5	South Shore	0.52875868	0.104116139	-0.4246425	0.000228
cg25233672	chr5	Open Sea	0.531411817	0.186091207	-0.3453206	1.02E-06
cg02331883	chr5	North Shore	0.589850566	0.126888751	-0.4629618	1.39E-07
cg26389330	chr5	Open Sea	0.676715697	0.103262163	-0.5734535	5.99E-05
cg21546155	chr5	Open Sea	0.588921981	0.071777073	-0.5171449	1.78E-10
cg09844976	chr5	Open Sea	0.596326946	0.094336811	-0.5019901	7.52E-09
cg09067459	chr5	Open Sea	0.536408592	0.093427098	-0.4429815	1.32E-07
cg03547840	chr5	Island	0.564319554	0.10912793	-0.4551916	1.76E-07
cg03807298	chr5	Island	0.58592455	0.082062355	-0.5038622	2.57E-07
cg22855900	chr5	Island	0.557614368	0.128097244	-0.4295171	9.62E-07
cg21545862	chr5	Island	0.574852514	0.106377862	-0.4684747	2.92E-05
cg22108469	chr5	Island	0.50785188	0.184727223	-0.3231247	0.011188
cg11382082	chr5	North Shore	0.500059109	0.232630344	-0.2674288	0.01626
cg02601475	chr5	Open Sea	0.504660039	0.216275581	-0.2883845	0.022596
cg25125298	chr5	Open Sea	0.572002021	0.179097633	-0.3929044	0.0278
cg22052143	chr5	Open Sea	0.688363871	0.242921849	-0.445442	0.040275
cg11348249	chr6	Island	0.637955916	0.188282634	-0.4496733	0.007482
cg06289138	chr6	Island	0.514978012	0.20494261	-0.3100354	0.027275
cg15373592	chr6	North Shelf	0.654578368	0.191500745	-0.4630776	0.00133
cg09130674	chr6	North Shore	0.584899244	0.095451612	-0.4894476	0.000876
cg14663965	chr6	North Shore	0.503046626	0.19709784	-0.3059488	1.25E-06
cg25634742	chr6	North Shore	0.572186287	0.193206874	-0.3789794	5.41E-06
cg20837557	chr6	North Shore	0.526494206	0.165031532	-0.3614627	0.002151
cg01344171	chr6	North Shore	0.581527082	0.21389354	-0.3676335	0.042535
cg23503775	chr6	Open Sea	0.555120085	0.076136146	-0.4789839	1.13E-09
cg03818715	chr6	South Shore	0.50269392	0.238616117	-0.2640778	0.001547
cg10977795	chr6	Island	0.615340109	0.128510036	-0.4868301	0.022252
cg06327227	chr6	Open Sea	0.707324685	0.206685933	-0.5006388	0.023911
cg10296205	chr6	Open Sea	0.621427086	0.096064173	-0.5253629	8.62E-06
cg07631407	chr6	Island	0.564897111	0.168857658	-0.3960395	0.003147
cg00643235	chr6	Open Sea	0.604017811	0.235247609	-0.3687702	0.007729
cg01524618	chr6	Open Sea	0.544006228	0.103771945	-0.4402343	1.67E-06
cg17340729	chr6	Open Sea	0.591602321	0.10477474	-0.4868276	6.87E-08
cg12279419	chr6	Island	0.565780094	0.084692555	-0.4810875	4.12E-07
cg12106976	chr6	Open Sea	0.613424437	0.072214917	-0.5412095	4.6E-07
cg26242687	chr6	North Shore	0.547529025	0.179110962	-0.3684181	1.5E-06
cg22244192	chr6	Island	0.527239419	0.09396283	-0.4332766	1.9E-06
cg00333679	chr6	Island	0.530365958	0.175970518	-0.3543954	0.000123

cg16151362	chr6	South Shore	0.508655321	0.108842025	-0.3998133	0.000488
cg08864645	chr6	Island	0.532704308	0.149511358	-0.383193	0.002027
cg11796455	chr6	South Shore	0.572459851	0.197471613	-0.3749882	0.005336
cg04496791	chr6	North Shore	0.540529765	0.204986938	-0.3355428	0.017563
cg12182937	chr6	North Shore	0.593747156	0.228146475	-0.3656007	0.019165
cg18419358	chr6	Open Sea	0.688301452	0.177418015	-0.5108834	0.034524
cg20139336	chr6	Open Sea	0.618264112	0.198719545	-0.4195446	0.037761
cg24113409	chr6	South Shore	0.506413596	0.207179268	-0.2992343	0.037884
cg00555456	chr7	North Shore	0.606614208	0.238067239	-0.368547	0.000536
cg04372674	chr7	Open Sea	0.510494905	0.197359306	-0.3131356	0.04446
cg05803296	chr7	Open Sea	0.511596545	0.079366142	-0.4322304	8.44E-10
cg14427668	chr7	Open Sea	0.50094812	0.081044221	-0.4199039	1.73E-08
cg18527241	chr7	Open Sea	0.582837079	0.079240966	-0.5035961	1.45E-06
cg01322214	chr7	North Shore	0.690450094	0.19615091	-0.4942992	0.045992
cg13391244	chr7	Open Sea	0.572240002	0.093981143	-0.4782589	4.94E-08
cg09642347	chr7	North Shore	0.529674261	0.189405217	-0.340269	0.001315
cg25711558	chr7	Open Sea	0.638114018	0.114170666	-0.5239434	0.000399
cg21389309	chr7	South Shore	0.51746591	0.167887441	-0.3495785	0.001279
cg03604067	chr7	South Shore	0.551905284	0.056214438	-0.4956908	1.63E-09
cg08309529	chr7	Island	0.524882846	0.068009859	-0.456873	6.68E-06
cg12164596	chr7	Island	0.527771417	0.142098935	-0.3856725	0.000583
cg04598292	chr7	North Shore	0.522968171	0.093739967	-0.4292282	5.35E-07
cg11435506	chr7	Island	0.539259225	0.062574662	-0.4766846	2.45E-09
cg04080282	chr7	Island	0.610020809	0.118586238	-0.4914346	4.04E-09
cg08898155	chr7	Island	0.532598987	0.061654327	-0.4709447	2.66E-08
cg25161512	chr7	Island	0.518469595	0.059418327	-0.4590513	3.68E-08
cg15927196	chr7	Island	0.511549656	0.078235679	-0.433314	1.08E-05
cg10329418	chr7	South Shore	0.512608728	0.217477769	-0.295131	0.000379
cg04685170	chr7	Island	0.513213494	0.107021274	-0.4061922	0.00396
cg05167561	chr7	Island	0.553472949	0.178829685	-0.3746433	9.02E-06
cg25007683	chr7	Open Sea	0.556024549	0.144083292	-0.4119413	2.42E-07
cg21637392	chr7	Open Sea	0.542882065	0.083361758	-0.4595203	9.27E-08
cg10094489	chr7	Island	0.503028766	0.091750946	-0.4112778	4.64E-05
cg17871993	chr7	South Shelf	0.524991358	0.100873061	-0.4241183	5.2E-05
cg07981013	chr7	Island	0.547358895	0.079869549	-0.4674893	1.81E-09
cg07686872	chr7	North Shore	0.640466909	0.107920386	-0.5325465	8.4E-08
cg04487296	chr7	Island	0.588915724	0.220036106	-0.3688796	0.000417
cg13710553	chr7	Open Sea	0.57225554	0.23323454	-0.339021	0.00049
cg26565544	chr7	Open Sea	0.51694317	0.235654003	-0.2812892	0.00283
cg16180796	chr7	Island	0.569136789	0.190195493	-0.3789413	0.004865
cg18550262	chr7	Open Sea	0.643855033	0.15464274	-0.4892123	0.011164
cg19799702	chr7	North Shore	0.536150638	0.22918021	-0.3069704	0.012208
cg17642369	chr7	Open Sea	0.519474223	0.141254662	-0.3782196	0.023212
cg08132858	chr7	Open Sea	0.51076653	0.230896367	-0.2798702	0.027168
cg11342198	chr7	Open Sea	0.500058965	0.170040041	-0.3300189	0.040152
cg19351954	chr7	Open Sea	0.591349836	0.177025376	-0.4143245	0.048189
cg17963840	chr8	Island	0.510892797	0.210698726	-0.3001941	0.019181
cg23816247	chr8	South Shore	0.50186278	0.102465358	-0.3993974	0.000639
cg00713567	chr8	Island	0.546962467	0.229682771	-0.3172797	0.042635
cg02046552	chr8	Island	0.551533013	0.208137915	-0.3433951	0.024525

cg03979241	chr8	South Shelf	0.580701911	0.241834003	-0.3388679	2.18E-06
cg11931596	chr8	Open Sea	0.545507416	0.128272366	-0.4172351	0.026233
cg14657725	chr8	North Shore	0.562751916	0.220047693	-0.3427042	0.038761
cg22524061	chr8	North Shore	0.574589441	0.176428412	-0.398161	0.040149
cg09015433	chr8	Island	0.511195995	0.239339125	-0.2718569	0.030741
cg03066788	chr8	Open Sea	0.630675387	0.221053621	-0.4096218	0.01127
cg17788832	chr8	Island	0.504833792	0.094057849	-0.4107759	0.001627
cg15541630	chr8	Island	0.606029193	0.168580156	-0.437449	0.003975
cg20982735	chr8	Island	0.615651331	0.154204928	-0.4614464	0.00408
cg04717143	chr8	Island	0.525039517	0.168316303	-0.3567232	0.039273
cg07570470	chr8	Island	0.564182068	0.112948107	-0.451234	2.91E-05
cg25673784	chr8	South Shore	0.635241826	0.159364828	-0.475877	0.041023
cg13683534	chr9	Open Sea	0.521784059	0.133486206	-0.3882979	0.034016
cg05146756	chr9	North Shore	0.506713702	0.141317969	-0.3653957	0.001186
cg07084627	chr9	Island	0.640197141	0.235980061	-0.4042171	6.21E-07
cg12376422	chr9	Island	0.650976827	0.207722175	-0.4432547	0.041086