

Supplemental Table 2.

P values of likelihood ratio test of linear trend for glioma.

SNP_rs#	NCI	NIOSH	Combined
RS3917727	0.103	0.005	0.001
RS2066804	0.004	0.113	0.002
RS235325	0.007	0.086	0.002
RS2291427	0.014	0.065	0.003
RS4647992	0.001	0.340	0.005
RS2701652	0.191	0.011	0.006
RS202445	0.271	0.007	0.006
RS2236868	0.068	0.059	0.007
RS11579965	0.061	0.058	0.008
RS3815623	0.147	0.028	0.009
RS8096433	0.047	0.096	0.010
RS2974260	0.024	0.164	0.011
RS17523783	0.407	0.007	0.011
RS594661	0.692	0.003	0.012
RS8094402	0.053	0.112	0.012
RS4948674	0.226	0.023	0.013
RS308447	0.237	0.018	0.013
RS3741240	0.267	0.017	0.013
RS3746972	0.123	0.048	0.013
RS4648006	0.013	0.227	0.014
RS3138039	0.481	0.007	0.014
RS11569450	0.059	0.114	0.015
RS10513634	0.016	0.319	0.015
RS2072496	0.045	0.168	0.015
RS738807	0.174	0.038	0.015
RS206811	0.090	0.085	0.015
RS7099684	0.010	0.322	0.015
RS850307	0.187	0.046	0.016
RS10850803	0.176	0.044	0.017
RS3181077	0.243	0.031	0.017
RS2509973	0.037	0.203	0.017
RS1552746	0.028	0.253	0.018
RS2734704	0.065	0.118	0.018
RS17004047	0.012	0.527	0.018

RS875643	0.012	0.365	0.019
RS6752770	0.308	0.028	0.020
RS9320031	0.039	0.201	0.021
RS6024718	0.042	0.216	0.021
RS1031509	0.306	0.026	0.021
RS3935644	0.487	0.010	0.021
RS17576996	0.158	0.073	0.022
RS2000466	0.213	0.045	0.022
RS3917683	0.101	0.128	0.022
RS2026882	0.053	0.185	0.023
RS3093024	0.443	0.017	0.023
RS389883	0.023	0.355	0.025
RS13035504	0.104	0.114	0.026
RS17601035	0.009	0.540	0.026
RS2232578	0.277	0.057	0.026
RS3758919	0.024	0.386	0.027
RS921336	0.165	0.092	0.028
RS7031036	0.837	0.002	0.028
RS2509963	0.069	0.198	0.029
RS235329	0.026	0.389	0.030
RS312462	0.396	0.023	0.031
RS4853546	0.485	0.021	0.031
RS9868455	0.550	0.016	0.032
RS710462	0.156	0.113	0.032
RS3759324	0.110	0.166	0.033
RS4254165	0.762	0.008	0.033
RS629409	0.435	0.025	0.035
RS187451	0.139	0.141	0.035
RS901681	0.303	0.057	0.035
RS11672997	0.143	0.154	0.036
RS3917412	0.063	0.275	0.037
RS3864097	0.214	0.081	0.038
RS925847	0.123	0.152	0.039
RS4853533	0.025	0.453	0.039
RS16938755	0.114	0.187	0.040
RS2213430	0.184	0.110	0.040
RS11763015	0.686	0.002	0.040

RS11569523	0.208	0.107	0.040
RS2205850	0.055	0.314	0.041
RS2250656	0.031	0.450	0.043
RS850316	0.224	0.109	0.044
RS7574865	0.044	0.408	0.045
RS2282557	0.216	0.117	0.045
RS12327969	0.196	0.117	0.045
RS3935645	0.362	0.060	0.045
RS537160	0.063	0.331	0.047
RS261753	0.896	0.006	0.047
RS867174	0.002	0.817	0.047
RS530880	0.161	0.168	0.048
RS1701930	0.008	0.740	0.048
RS6503695	0.209	0.127	0.049
RS13005843	0.095	0.243	0.049
RS2838727	0.095	0.284	0.049
RS17765088	0.051	0.356	0.050
RS4301834	0.197	0.127	0.050
RS652553	0.762	0.017	0.052
RS2076074	0.232	0.122	0.053
RS2230205	0.057	0.376	0.054
RS9658490	0.628	0.027	0.054
RS4240691	0.014	0.756	0.054
RS2282574	0.068	0.347	0.055
RS11176078	0.096	0.275	0.056
RS1434789	0.907	0.011	0.057
RS7250423	0.001	0.487	0.057
RS494852	0.023	0.662	0.058
RS6696110	0.021	0.621	0.058
RS4914	0.148	0.226	0.059
RS3735520	0.825	0.022	0.060
RS13251447	0.645	0.035	0.060
RS3792297	0.214	0.187	0.060
RS11536897	0.577	0.043	0.061
RS17500235	0.057	0.396	0.061
RS206849	0.026	0.642	0.062
RS16833177	0.197	0.176	0.062

RS3024912	0.174	0.193	0.062
RS1471962	0.007	0.960	0.062
RS3918350	0.675	0.035	0.063
RS698084	0.156	0.216	0.063
RS6106598	0.685	0.030	0.063
RS3024896	0.225	0.161	0.064
RS1991262	0.407	0.090	0.064
RS588019	0.510	0.048	0.064
RS3091327	0.041	0.427	0.064
RS12578547	0.703	0.027	0.065
RS16967637	0.468	0.060	0.066
RS1467199	0.209	0.175	0.066
RS760521	0.654	0.003	0.067
RS2251746	0.104	0.346	0.067
RS12753665	0.205	0.177	0.067
RS8100631	0.009	0.959	0.069
RS2738100	0.337	0.113	0.071
RS2291908	0.319	0.113	0.071
RS4694068	0.322	0.135	0.071
RS11064497	0.297	0.152	0.072
RS850312	0.191	0.219	0.072
RS9661996	0.175	0.228	0.072
RS12450996	0.076	0.424	0.072
RS2569192	0.094	0.360	0.074
RS2857653	0.583	0.059	0.074
RS1822821	0.459	0.067	0.075
RS193779	0.890	0.022	0.076
RS10003641	0.077	0.465	0.076
RS1553469	0.130	0.305	0.076
RS9658354	0.200	0.210	0.077
RS6474	0.369	0.119	0.078
RS7183	0.262	0.181	0.080
RS698104	0.581	0.067	0.084
RS913836	0.036	0.689	0.085
RS7562024	0.058	0.557	0.085
RS17186575	0.535	0.076	0.085
RS4427917	0.133	0.326	0.086

RS5756372	0.689	0.008	0.086
RS3917715	0.087	0.476	0.086
RS8056611	0.026	0.774	0.087
RS12638201	0.448	0.108	0.087
RS6054706	0.547	0.073	0.087
RS3733001	0.199	0.242	0.089
RS11888	0.310	0.177	0.089
RS9894356	0.084	0.489	0.090
RS8137602	0.071	0.502	0.090
RS17576751	0.136	0.376	0.091
RS3914010	0.676	0.049	0.092
RS12424669	0.855	0.031	0.092
RS975074	0.047	0.627	0.092
RS2529440	0.455	0.099	0.094
RS3755867	0.218	0.275	0.095
RS4795895	0.502	0.102	0.095
RS700238	0.909	0.031	0.096
RS12948058	0.045	0.717	0.096
RS1884655	0.479	0.104	0.099
RS4811656	0.017	0.982	0.099
RS6000462	0.684	0.068	0.101
RS2239775	0.074	0.524	0.101
RS2659079	0.042	0.667	0.102
RS1233653	0.062	0.529	0.102
RS9858935	0.269	0.238	0.102
RS10267377	0.636	0.083	0.102
RS2076059	0.111	0.470	0.103
RS5741798	0.009	0.842	0.103
RS10168266	0.042	0.762	0.103
RS13036802	0.198	0.316	0.105
RS751271	0.313	0.197	0.106
RS10498445	0.585	0.106	0.109
RS3087505	0.989	0.028	0.109
RS11737764	0.465	0.127	0.109
RS3805711	0.390	0.145	0.110
RS11851178	0.911	0.037	0.110
RS12628766	0.197	0.328	0.110

RS3138035	0.063	0.630	0.111
RS11655833	0.155	0.422	0.112
RS698090	0.443	0.155	0.113
RS10116271	0.980	0.033	0.113
RS723858	0.651	0.083	0.114
RS16842010	0.169	0.394	0.114
RS2236876	0.869	0.042	0.115
RS17283264	0.285	0.250	0.116
RS470681	0.064	0.658	0.117
RS13407419	0.070	0.728	0.120
RS11588654	0.158	0.429	0.121
RS1388604	0.135	0.492	0.121
RS764917	0.292	0.261	0.121
RS4722986	0.594	0.111	0.122
RS4393129	0.855	0.026	0.122
RS11904439	0.698	0.068	0.122
RS3919533	0.263	0.295	0.125
RS4844390	0.204	0.345	0.125
RS885691	0.450	0.169	0.125
RS17128136	0.236	0.320	0.125
RS17201075	0.683	0.085	0.125
RS11706450	0.637	0.102	0.126
RS8090438	0.447	0.164	0.126
RS735240	0.060	0.728	0.126
RS230540	0.195	0.416	0.128
RS3917739	0.116	0.550	0.128
RS1436849	0.223	0.354	0.129
RS2075938	0.913	0.045	0.130
RS7674640	0.058	0.776	0.130
RS4890875	0.257	0.312	0.130
RS10507393	0.591	0.112	0.131
RS2734335	0.072	0.739	0.132
RS268600	0.810	0.067	0.132
RS1558001	0.743	0.020	0.133
RS4818740	0.793	0.077	0.133
RS6950982	0.347	0.233	0.133
RS2227631	0.399	0.216	0.133

RS4425986	0.642	0.122	0.133
RS2779248	0.147	0.491	0.134
RS1799983	0.325	0.265	0.135
RS6600832	0.559	0.144	0.135
RS1582091	0.257	0.358	0.135
RS4804805	0.270	0.299	0.136
RS7245564	0.316	0.280	0.136
RS352162	0.141	0.495	0.137
RS3809882	0.242	0.384	0.139
RS12150211	0.167	0.467	0.140
RS1321695	0.772	0.083	0.140
RS3917018	0.360	0.248	0.141
RS6069672	0.070	0.692	0.142
RS6749704	0.256	0.376	0.143
RS7249320	0.538	0.155	0.143
RS441019	0.213	0.425	0.144
RS1827924	0.058	0.801	0.144
RS7746553	0.725	0.081	0.144
RS3024921	0.136	0.534	0.145
RS1654537	0.675	0.112	0.146
RS1031507	0.839	0.066	0.146
RS10856839	0.391	0.248	0.148
RS12728761	0.613	0.110	0.151
RS3130683	0.301	0.315	0.152
RS2279078	0.241	0.389	0.152
RS1078625	0.563	0.010	0.153
RS4683147	0.323	0.282	0.153
RS308428	0.785	0.025	0.156
RS1402745	0.602	0.018	0.157
RS2298711	0.434	0.226	0.158
RS13022931	0.202	0.459	0.158
RS622299	0.425	0.208	0.158
RS2838735	0.064	0.833	0.158
RS1705392	0.010	0.622	0.159
RS2292350	0.675	0.112	0.159
RS5743407	0.532	0.180	0.160
RS671137	0.419	0.222	0.160

RS3917740	0.460	0.219	0.160
RS6740131	0.390	0.282	0.161
RS6503691	0.686	0.123	0.162
RS2791491	0.810	0.086	0.162
RS631090	0.448	0.204	0.162
RS7969157	0.589	0.017	0.162
RS13010343	0.154	0.524	0.162
RS3917688	0.425	0.258	0.163
RS1248696	0.555	0.173	0.163
RS497309	0.087	0.795	0.163
RS3822356	0.190	0.482	0.163
RS1126618	0.374	0.287	0.165
RS17470667	0.938	0.081	0.165
RS2256023	0.639	0.128	0.166
RS6915410	0.657	0.018	0.166
RS348337	0.190	0.449	0.166
RS17831682	0.435	0.250	0.167
RS3789138	0.327	0.343	0.168
RS12756603	0.732	0.121	0.168
RS10759930	0.744	0.128	0.168
RS3212741	0.387	0.296	0.168
RS17593222	0.233	0.439	0.169
RS3745568	0.379	0.286	0.169
RS2159776	0.559	0.019	0.170
RS11569521	0.653	0.167	0.170
RS10095331	0.101	0.665	0.170
RS6463554	0.143	0.575	0.172
RS7232502	0.575	0.186	0.173
RS7614342	0.947	0.057	0.173
RS4503649	0.569	0.190	0.175
RS679682	0.177	0.553	0.175
RS9842716	0.289	0.418	0.176
RS4795095	0.082	0.744	0.177
RS4890785	0.386	0.315	0.177
RS7528380	0.195	0.553	0.178
RS7660429	0.622	0.153	0.178
RS532967	0.683	0.142	0.179

RS4608848	0.411	0.258	0.180
RS10739585	0.376	0.012	0.181
RS2734697	0.750	0.036	0.181
RS3917461	0.178	0.574	0.182
RS1838066	0.151	0.636	0.183
RS17652343	0.057	0.985	0.183
RS206860	0.203	0.513	0.183
RS10427094	0.057	0.996	0.183
RS11096955	0.093	0.781	0.183
RS2306950	0.070	0.857	0.184
RS13093535	0.138	0.672	0.184
RS941989	0.202	0.539	0.185
RS748694	0.958	0.080	0.186
RS7037673	0.950	0.063	0.187
RS6967221	0.452	0.268	0.189
RS3138119	0.179	1.000	0.190
RS281414	0.754	0.143	0.191
RS12980031	0.089	0.859	0.192
RS367523	0.506	0.018	0.192
RS1065205	0.675	0.168	0.192
RS10514234	0.222	0.518	0.193
RS17686100	0.189	0.002	0.194
RS1476002	0.604	0.192	0.194
RS12327459	0.168	0.624	0.196
RS11786591	0.206	0.613	0.196
RS8082480	0.518	0.242	0.196
RS11921535	0.342	0.414	0.196
RS1209087	0.919	0.089	0.196
RS6427213	0.594	0.214	0.197
RS348390	0.012	0.488	0.197
RS1205	0.366	0.385	0.199
RS7492	0.770	0.046	0.201
RS10824800	0.180	0.619	0.202
RS10800309	0.389	0.337	0.202
RS10489624	0.696	0.161	0.203
RS1450665	0.080	0.928	0.204
RS6503080	0.446	0.345	0.206

RS3138034	0.064	0.998	0.206
RS9675994	0.229	0.603	0.206
RS1341022	0.185	0.626	0.207
RS268922	0.097	0.818	0.207
RS198979	0.870	0.071	0.207
RS1883113	0.115	0.922	0.208
RS167769	0.407	0.320	0.208
RS353547	0.052	0.919	0.208
RS816353	0.872	0.070	0.208
RS5756381	0.955	0.073	0.208
RS170963	0.020	0.624	0.210
RS1979671	0.221	0.588	0.210
RS6024876	0.242	0.509	0.211
RS7651327	0.257	0.563	0.211
RS698102	0.129	0.771	0.213
RS2277984	0.103	0.837	0.213
RS1001073	0.301	0.419	0.213
RS4890788	0.153	0.698	0.214
RS7797547	0.004	0.255	0.214
RS7838017	0.879	0.073	0.215
RS7551957	0.320	0.412	0.215
RS11134788	0.733	0.144	0.217
RS7789045	0.836	0.048	0.217
RS710474	0.935	0.117	0.217
RS9267677	0.869	0.050	0.217
RS3780906	0.509	0.281	0.218
RS2070682	0.314	0.459	0.218
RS3794845	0.471	0.330	0.220
RS1046033	0.889	0.077	0.220
RS12409568	0.193	0.604	0.220
RS4413571	0.842	0.120	0.220
RS2239773	0.420	0.347	0.221
RS2842704	0.443	0.332	0.221
RS2051344	0.573	0.255	0.222
RS10402563	0.037	0.715	0.223
RS2935542	0.687	0.207	0.223
RS1855025	0.870	0.065	0.223

RS4795904	0.055	0.888	0.225
RS6761387	0.483	0.354	0.225
RS739043	0.882	0.129	0.226
RS11098676	0.174	0.677	0.227
RS10504554	0.894	0.083	0.229
RS9880761	0.389	0.368	0.231
RS483589	0.625	0.225	0.231
RS4656308	0.379	0.406	0.231
RS1952438	0.587	0.254	0.231
RS1048709	0.202	0.631	0.232
RS5745627	0.068	0.863	0.233
RS4151657	0.190	0.701	0.234
RS4253243	0.410	0.404	0.236
RS1898830	0.579	0.247	0.237
RS2753384	0.609	0.046	0.239
RS4898758	0.013	0.456	0.240
RS932169	0.137	0.798	0.241
RS2885735	0.090	0.976	0.242
RS11953280	0.836	0.165	0.242
RS533116	0.552	0.311	0.242
RS266850	0.430	0.405	0.242
RS1905045	0.267	0.622	0.242
RS6844764	0.321	0.521	0.242
RS8069976	0.890	0.126	0.243
RS11465307	0.196	0.004	0.243
RS9842595	0.513	0.305	0.243
RS2659056	0.092	0.937	0.245
RS11685878	0.853	0.072	0.245
RS3917862	0.458	0.360	0.245
RS2035196	0.637	0.043	0.247
RS6690827	0.996	0.121	0.248
RS12949918	0.527	0.315	0.249
RS4804802	0.052	0.802	0.250
RS6785838	0.282	0.617	0.250
RS2373961	0.221	0.650	0.250
RS2290065	0.095	0.901	0.250
RS713016	0.098	0.917	0.250

RS1962149	0.537	0.301	0.251
RS1801046	0.519	0.360	0.251
RS4804221	0.962	0.137	0.251
RS816293	0.172	0.779	0.252
RS876650	0.214	0.603	0.252
RS6069668	0.069	0.967	0.252
RS11057065	0.285	0.540	0.252
RS940339	0.184	0.812	0.254
RS3794766	0.223	0.663	0.254
RS2907749	0.954	0.148	0.255
RS1860264	0.570	0.300	0.255
RS17312836	0.172	0.788	0.255
RS4462945	0.198	0.715	0.256
RS9676140	0.317	0.589	0.257
RS3138037	0.724	0.237	0.258
RS11080372	0.716	0.206	0.259
RS423490	0.741	0.066	0.260
RS13353878	0.255	0.634	0.261
RS224205	0.768	0.204	0.262
RS2741683	0.289	0.561	0.262
RS12088436	0.998	0.128	0.263
RS7952385	0.784	0.068	0.263
RS224234	0.927	0.104	0.264
RS13418515	0.152	0.850	0.265
RS2738169	0.915	0.121	0.265
RS7548864	0.587	0.328	0.266
RS3917438	0.195	0.740	0.266
RS803022	0.071	0.943	0.266
RS3750919	0.987	0.111	0.266
RS11611878	0.062	0.911	0.267
RS10503360	0.377	0.505	0.267
RS2110586	0.050	0.857	0.267
RS3853683	0.450	0.454	0.268
RS803014	0.830	0.172	0.269
RS9459883	0.196	0.798	0.271
RS8112310	0.146	0.833	0.271
RS3844283	0.858	0.100	0.271

RS835209	0.022	0.600	0.272
RS11603020	0.268	0.678	0.273
RS2149356	0.197	0.747	0.273
RS2228428	0.478	0.382	0.273
RS720958	0.232	0.773	0.273
RS379527	0.368	0.532	0.274
RS872066	0.842	0.103	0.276
RS206858	0.456	0.435	0.276
RS13090836	0.531	0.379	0.276
RS10824801	0.043	0.712	0.277
RS6718606	0.315	0.543	0.279
RS163913	0.647	0.291	0.279
RS3782415	0.937	0.159	0.281
RS1990975	0.097	0.938	0.281
RS17258746	0.309	0.647	0.282
RS16833437	0.730	0.233	0.282
RS17054657	0.573	0.347	0.282
RS11172106	0.544	0.363	0.283
RS1789256	0.433	0.439	0.285
RS918608	0.417	0.530	0.286
RS2232618	0.875	0.237	0.286
RS1008562	0.932	0.195	0.286
RS10420003	0.377	0.572	0.287
RS5745646	0.927	0.152	0.288
RS1187873	0.849	0.103	0.289
RS268594	0.169	0.005	0.289
RS11002306	0.267	0.684	0.289
RS698085	0.775	0.091	0.290
RS2842754	0.449	0.514	0.291
RS3024957	0.305	1.000	0.291
RS2758352	0.342	0.578	0.291
RS4720004	0.969	0.159	0.293
RS6673422	0.289	0.711	0.293
RS4656699	0.345	0.555	0.294
RS2749817	0.827	0.095	0.295
RS12084893	0.101	0.941	0.295
RS2560935	0.042	0.548	0.295

RS12151125	0.102	0.907	0.296
RS4077759	0.735	0.268	0.296
RS3759333	0.106	0.865	0.297
RS5741800	0.079	0.891	0.297
RS5030390	0.506	0.378	0.298
RS9901734	0.476	0.428	0.300
RS8072199	0.194	0.874	0.300
RS3107215	0.482	0.430	0.300
RS4833103	0.307	0.647	0.301
RS1461567	0.671	0.321	0.302
RS916055	0.862	0.195	0.302
RS7040033	0.860	0.121	0.303
RS7026551	0.648	0.067	0.304
RS3771300	0.202	0.805	0.304
RS2289588	0.791	0.260	0.304
RS16910280	0.613	0.330	0.305
RS2738120	0.918	0.211	0.306
RS3091324	0.549	0.417	0.306
RS10454970	0.992	0.135	0.307
RS13395505	0.227	0.795	0.308
RS12944039	0.453	0.464	0.308
RS17735961	0.409	0.557	0.309
RS3091309	0.564	0.380	0.309
RS17006215	0.653	0.326	0.310
RS16833260	0.644	0.347	0.313
RS11080358	0.507	0.440	0.315
RS2758331	0.272	0.743	0.316
RS2649663	0.535	0.446	0.316
RS5743303	0.635	0.340	0.317
RS2416810	0.766	0.093	0.318
RS1152912	0.946	0.165	0.318
RS16841987	0.070	0.756	0.318
RS2854386	0.588	0.410	0.319
RS4253302	0.274	0.724	0.319
RS3822055	0.700	0.086	0.320
RS2838734	0.052	0.632	0.320
RS10512765	0.819	0.135	0.320

RS708035	0.611	0.073	0.321
RS1609800	0.147	0.998	0.323
RS703817	0.316	0.627	0.323
RS17749316	0.177	0.870	0.324
RS17216487	0.803	0.089	0.324
RS3753306	0.731	0.295	0.325
RS2227672	0.263	0.787	0.326
RS6105	0.717	0.103	0.327
RS125810	0.288	0.785	0.328
RS13020076	0.112	0.877	0.329
RS4028634	0.026	0.440	0.330
RS17129266	0.704	0.301	0.330
RS776514	0.992	0.206	0.332
RS4655914	0.304	0.733	0.333
RS1050813	0.355	0.637	0.333
RS3093032	0.025	0.469	0.335
RS3024861	0.477	0.513	0.336
RS17382179	0.482	0.491	0.336
RS11536889	0.946	0.181	0.336
RS7965055	0.245	0.009	0.338
RS6441929	0.940	0.165	0.339
RS17260228	0.971	0.175	0.340
RS7274607	0.858	0.248	0.341
RS4611572	0.760	0.270	0.341
RS2753345	0.375	0.668	0.342
RS4862633	0.242	0.827	0.343
RS4671871	0.629	0.388	0.343
RS1864414	0.189	0.979	0.345
RS6048546	0.596	0.454	0.346
RS16861755	0.060	0.688	0.346
RS4769055	0.964	0.179	0.348
RS470934	0.550	0.479	0.348
RS718226	0.155	0.970	0.349
RS4147063	0.451	0.599	0.351
RS1732877	0.873	0.276	0.352
RS3091237	0.180	0.979	0.352
RS743646	0.553	0.485	0.353

RS709045	0.082	0.726	0.354
RS1389623	0.114	0.840	0.354
RS17826057	0.126	0.892	0.355
RS2117341	0.741	0.347	0.355
RS11465254	0.722	0.366	0.356
RS470498	0.178	0.978	0.357
RS8135343	0.930	0.247	0.357
RS1005510	0.722	0.367	0.358
RS6413453	0.634	0.101	0.358
RS4767535	0.939	0.174	0.358
RS739041	0.767	0.129	0.359
RS11117564	0.325	0.689	0.360
RS1041740	0.932	0.256	0.360
RS1551443	0.913	0.245	0.361
RS324015	0.905	0.240	0.362
RS442319	0.849	0.286	0.363
RS12771266	0.058	0.686	0.364
RS738806	0.640	0.095	0.364
RS3176860	0.626	0.464	0.365
RS281413	0.813	0.321	0.365
RS17026	0.242	0.853	0.365
RS2066808	0.216	0.966	0.366
RS17006738	0.355	0.747	0.366
RS16833215	0.583	0.502	0.367
RS720511	0.048	0.509	0.367
RS13326331	0.543	0.518	0.367
RS2734700	0.749	0.356	0.368
RS6671947	0.191	0.983	0.368
RS3753276	0.618	0.067	0.368
RS308388	0.448	0.638	0.370
RS1780617	0.874	0.322	0.371
RS2741692	0.557	0.554	0.373
RS3024971	0.049	0.485	0.374
RS4629524	0.905	0.186	0.376
RS149597	0.126	0.808	0.377
RS1982266	0.427	0.608	0.377
RS470821	0.603	0.447	0.378

RS884113	0.225	0.921	0.378
RS3105782	0.274	0.843	0.378
RS4821542	0.750	0.122	0.379
RS2734690	0.588	0.519	0.379
RS2248814	0.516	0.564	0.379
RS5743507	0.827	0.289	0.379
RS4674257	0.995	0.263	0.382
RS13149271	0.905	0.196	0.386
RS11086565	0.561	0.538	0.387
RS3760386	0.505	0.065	0.388
RS11938826	0.449	0.636	0.388
RS11720718	0.250	0.925	0.389
RS8074003	0.513	0.595	0.389
RS1248650	0.374	0.736	0.390
RS12971845	0.719	0.441	0.393
RS2241393	0.606	0.101	0.394
RS5744463	0.252	0.899	0.395
RS3112982	0.528	0.075	0.395
RS7135975	0.798	0.378	0.395
RS3764868	0.042	0.453	0.395
RS746713	0.372	0.738	0.396
RS1848450	0.029	0.353	0.397
RS1013579	0.559	0.502	0.397
RS760458	0.548	0.091	0.398
RS6434435	0.054	0.422	0.399
RS17433222	0.934	0.223	0.400
RS4496877	0.247	0.979	0.400
RS3176869	0.374	0.782	0.401
RS4142863	0.057	0.490	0.402
RS3136673	0.659	0.460	0.404
RS3766122	0.451	0.637	0.404
RS2040049	0.087	0.666	0.406
RS4401102	0.589	0.527	0.407
RS816351	0.038	0.500	0.410
RS7599504	0.664	0.454	0.410
RS911248	0.418	0.693	0.410
RS708030	0.839	0.189	0.413

RS6490121	0.752	0.412	0.414
RS930507	0.773	0.170	0.414
RS2749812	0.329	0.798	0.414
RS4696483	0.233	0.963	0.415
RS4844592	0.976	0.244	0.415
RS1431991	0.817	0.378	0.416
RS11616333	0.999	0.249	0.417
RS3782347	0.990	0.294	0.417
RS434473	0.915	0.215	0.419
RS3785898	0.708	0.443	0.419
RS13150331	0.987	0.254	0.419
RS10490361	0.978	0.319	0.421
RS16833224	0.833	0.358	0.422
RS1879417	0.629	0.483	0.422
RS207432	0.741	0.179	0.424
RS2427829	0.207	0.890	0.424
RS10162089	0.680	0.519	0.428
RS1039559	0.347	0.819	0.429
RS3798315	0.254	0.984	0.429
RS3734029	0.280	0.946	0.431
RS1123425	0.835	0.377	0.432
RS10983754	0.564	0.603	0.433
RS10845008	0.915	0.369	0.434
RS8178407	0.234	0.967	0.434
RS13094773	0.287	0.911	0.434
RS4135385	0.262	0.972	0.434
RS12984870	0.733	0.455	0.435
RS16851469	0.359	0.053	0.436
RS324020	0.473	0.629	0.437
RS6556091	0.284	0.953	0.437
RS7548659	0.765	0.445	0.437
RS4656108	0.591	0.623	0.438
RS2472614	0.612	0.551	0.438
RS2333686	0.187	0.844	0.439
RS10854693	0.068	0.533	0.439
RS6796045	0.737	0.425	0.440
RS3212846	0.488	0.658	0.441

RS281440	0.450	0.712	0.441
RS3181088	0.814	0.224	0.444
RS7288979	0.884	0.362	0.444
RS4957361	0.104	0.626	0.444
RS6949758	0.692	0.446	0.445
RS9680849	0.971	0.297	0.447
RS4610776	0.508	0.651	0.447
RS3885907	0.561	0.655	0.447
RS2293054	0.438	0.775	0.449
RS10797888	0.427	0.733	0.450
RS470330	0.259	0.994	0.450
RS7295972	0.328	0.889	0.450
RS2791519	0.651	0.145	0.452
RS4253315	0.805	0.389	0.454
RS7790870	0.583	0.653	0.454
RS1701950	0.946	0.262	0.454
RS2741109	0.687	0.498	0.455
RS12142755	0.016	0.200	0.456
RS3733492	0.103	0.594	0.456
RS3816997	0.297	0.042	0.456
RS10496160	0.400	0.783	0.459
RS879537	0.754	0.202	0.459
RS5743611	0.328	0.834	0.464
RS5745687	0.828	0.401	0.464
RS4694178	0.668	0.166	0.465
RS9658282	0.534	0.116	0.467
RS3760728	0.912	0.372	0.467
RS1951626	0.721	0.196	0.468
RS2702829	0.872	0.244	0.468
RS6771578	0.646	0.175	0.468
RS1487562	0.394	0.877	0.469
RS2791494	0.501	0.685	0.469
RS7867729	0.617	0.609	0.469
RS5743533	0.158	0.782	0.470
RS4704870	0.254	0.942	0.471
RS6896064	0.623	0.597	0.471
RS884847	0.930	0.341	0.472

RS2297516	0.932	0.367	0.473
RS198977	0.678	0.562	0.473
RS3176867	0.622	0.130	0.474
RS3889277	0.811	0.462	0.474
RS470793	0.214	0.877	0.475
RS1007888	0.242	0.873	0.476
RS17226566	0.511	0.750	0.476
RS10071904	0.581	0.668	0.476
RS11466750	0.623	0.626	0.477
RS13168926	0.359	0.950	0.478
RS2808630	0.021	0.304	0.478
RS760456	0.776	0.511	0.479
RS2282691	0.758	0.519	0.480
RS17040	0.071	0.415	0.480
RS2304240	0.669	0.529	0.480
RS308439	0.730	0.227	0.481
RS11132383	0.532	0.718	0.482
RS3093002	0.153	0.025	0.482
RS2734705	0.952	0.375	0.482
RS708486	0.729	0.184	0.486
RS3780901	0.758	0.486	0.487
RS457414	0.583	0.626	0.487
RS17245204	0.227	0.832	0.489
RS6128	0.395	0.868	0.490
RS9200	0.823	0.398	0.491
RS17769459	0.410	0.835	0.491
RS875890	0.790	0.504	0.492
RS17121283	0.792	0.525	0.492
RS3917820	0.531	0.737	0.494
RS3093003	0.078	0.615	0.495
RS9856551	0.448	0.846	0.495
RS235328	0.308	0.969	0.496
RS17248462	0.628	0.657	0.497
RS4720672	0.574	0.659	0.497
RS5745752	0.130	0.684	0.498
RS281432	0.805	0.231	0.499
RS324013	0.971	0.352	0.502

RS2023906	0.783	0.490	0.504
RS12621192	0.802	0.478	0.504
RS6131	0.243	0.810	0.506
RS10759932	0.411	0.100	0.506
RS9578196	0.109	0.551	0.506
RS11466749	0.604	0.716	0.508
RS920724	0.163	0.703	0.509
RS17054692	0.972	0.407	0.511
RS3774284	0.947	0.345	0.511
RS11613834	0.452	0.813	0.511
RS12693591	0.798	0.506	0.512
RS11953839	0.564	0.731	0.512
RS1990950	0.221	0.833	0.512
RS3804617	0.902	0.338	0.512
RS4251460	0.554	0.154	0.513
RS2227667	0.727	0.606	0.513
RS647571	0.680	0.591	0.513
RS1558802	0.763	0.576	0.517
RS11575089	0.137	0.496	0.518
RS13072632	0.483	0.750	0.519
RS7126405	0.827	0.268	0.519
RS2254073	0.547	0.746	0.519
RS17038412	0.842	0.272	0.519
RS2301247	0.583	0.132	0.519
RS1552227	0.281	0.905	0.520
RS2246583	0.460	0.798	0.521
RS805287	0.120	0.597	0.524
RS3024974	0.880	0.517	0.526
RS1321690	0.731	0.565	0.527
RS11881682	0.177	0.717	0.527
RS7968584	0.100	0.509	0.527
RS7826831	0.823	0.297	0.527
RS698094	0.898	0.461	0.528
RS12685344	0.379	0.104	0.529
RS5745660	0.934	0.330	0.529
RS10902089	0.820	0.275	0.530
RS2279785	0.066	0.417	0.531

RS5743794	0.344	0.995	0.532
RS2425358	0.745	0.642	0.532
RS12129787	0.540	0.737	0.532
RS1474552	0.499	0.833	0.532
RS2070946	0.293	0.876	0.532
RS206855	0.866	0.313	0.533
RS925453	0.816	0.289	0.535
RS11043785	0.275	0.853	0.535
RS2664152	0.611	0.702	0.537
RS11611788	0.720	0.596	0.537
RS6860438	0.411	0.900	0.538
RS2664593	0.843	0.303	0.540
RS2227714	0.679	0.685	0.541
RS10203061	0.497	0.824	0.541
RS6502097	0.391	0.998	0.543
RS2295957	0.606	0.743	0.544
RS7194886	0.278	0.865	0.546
RS12740591	0.363	0.950	0.547
RS3792298	0.469	0.914	0.548
RS2209627	0.660	0.686	0.548
RS4879816	0.599	0.221	0.548
RS2702860	0.896	0.381	0.548
RS1248623	0.805	0.556	0.549
RS1960669	0.933	0.455	0.550
RS17714101	0.706	0.206	0.550
RS10737548	0.905	0.487	0.550
RS5995355	0.665	0.180	0.552
RS9292794	0.496	0.758	0.552
RS2808467	0.522	0.147	0.553
RS7529425	0.126	0.517	0.553
RS2863747	0.713	0.648	0.554
RS2739476	0.589	0.740	0.555
RS11927882	0.744	0.247	0.555
RS2239621	0.220	0.697	0.556
RS2753377	0.912	0.470	0.558
RS4821609	0.725	0.265	0.558
RS11068458	0.365	0.884	0.559

RS2289277	0.961	0.403	0.560
RS1560160	0.167	0.586	0.560
RS672693	0.815	0.324	0.561
RS4592765	0.854	0.326	0.561
RS1860190	0.067	0.365	0.563
RS11245936	0.896	0.491	0.564
RS7694627	0.706	0.638	0.564
RS7657186	0.392	0.996	0.564
RS714910	0.683	0.217	0.564
RS1642736	0.332	0.949	0.564
RS344550	0.942	0.474	0.565
RS12721035	0.753	0.294	0.566
RS2382987	0.998	0.392	0.569
RS2373929	0.253	0.057	0.571
RS6057649	0.728	0.649	0.572
RS3765989	0.517	0.840	0.573
RS12063780	0.662	0.204	0.573
RS2304595	0.489	0.147	0.575
RS3744711	0.516	0.864	0.577
RS3829223	0.904	0.538	0.578
RS5743899	0.623	0.207	0.580
RS3843293	0.769	0.631	0.580
RS4853540	0.714	0.231	0.581
RS3917709	0.289	0.824	0.582
RS12051609	0.702	0.686	0.582
RS1885002	0.470	0.910	0.583
RS17020993	0.820	0.317	0.584
RS3794834	0.748	0.674	0.585
RS3107217	0.155	0.640	0.585
RS2275954	0.103	0.487	0.586
RS1046673	0.033	0.191	0.587
RS2285747	0.994	0.465	0.587
RS10060687	0.284	0.786	0.588
RS9859639	0.265	0.720	0.589
RS8081248	0.976	0.473	0.589
RS13340508	0.858	0.516	0.590
RS7246794	0.509	0.935	0.591

RS263410	0.404	0.942	0.591
RS3782221	0.907	0.516	0.591
RS683916	0.754	0.640	0.592
RS2286194	0.739	0.652	0.592
RS758946	0.581	0.821	0.593
RS2072711	0.166	0.049	0.593
RS3774934	0.094	0.473	0.594
RS4383207	0.953	0.461	0.597
RS2269066	0.994	0.461	0.598
RS2853699	0.919	0.406	0.600
RS3729790	0.874	0.613	0.602
RS2779252	0.753	0.628	0.603
RS12984649	0.870	0.390	0.604
RS3027279	0.824	0.343	0.605
RS4247362	0.592	0.810	0.606
RS700239	0.653	0.753	0.606
RS4807651	0.679	0.268	0.607
RS2761435	0.914	0.388	0.607
RS198968	0.930	0.424	0.608
RS1780624	0.308	0.777	0.609
RS4969168	0.615	0.828	0.610
RS7582426	0.751	0.689	0.611
RS764916	0.886	0.393	0.612
RS38402	0.852	0.570	0.612
RS3093012	0.685	0.829	0.612
RS17301153	0.827	0.619	0.614
RS17054724	0.741	0.656	0.616
RS1316873	0.103	0.031	0.616
RS4657055	0.319	0.862	0.616
RS11064160	0.295	0.777	0.617
RS5743291	0.638	0.786	0.617
RS11672613	0.732	0.693	0.618
RS186493	0.459	0.981	0.618
RS3212752	0.652	0.803	0.618
RS3788523	0.783	0.356	0.620
RS710469	0.925	0.574	0.622
RS10027153	0.462	0.961	0.623

RS2738163	0.638	0.250	0.624
RS4259650	0.625	0.844	0.624
RS13034664	0.519	0.191	0.624
RS266851	0.224	0.619	0.626
RS11003132	0.616	0.266	0.626
RS16870514	0.631	0.810	0.626
RS4941210	0.651	0.265	0.626
RS4861699	0.825	0.381	0.627
RS6770096	0.415	0.991	0.628
RS7541230	0.802	0.632	0.628
RS10438740	0.503	0.237	0.630
RS3027208	0.876	0.610	0.631
RS1444903	0.702	0.814	0.632
RS13389224	0.380	0.857	0.633
RS4287627	0.831	0.684	0.635
RS641714	0.525	0.203	0.635
RS10897270	0.402	0.909	0.635
RS2425362	0.055	0.304	0.636
RS7653908	0.272	0.775	0.636
RS3917802	0.678	0.829	0.636
RS4969170	0.877	0.428	0.637
RS2240478	0.657	0.290	0.637
RS7744	0.856	0.650	0.639
RS11465853	0.489	0.174	0.639
RS2293055	0.988	0.556	0.639
RS13073976	0.997	0.500	0.639
RS2979451	0.168	0.540	0.640
RS3917010	0.854	0.473	0.640
RS6938946	0.205	0.522	0.640
RS760519	0.271	0.105	0.641
RS17664818	0.584	0.179	0.643
RS344548	0.685	0.334	0.643
RS13175903	0.576	0.954	0.645
RS5741812	0.148	0.539	0.647
RS2295663	0.922	0.613	0.647
RS5743305	0.816	0.697	0.649
RS11465353	0.965	0.526	0.649

RS11260013	0.903	0.565	0.650
RS207444	0.612	0.907	0.650
RS3746732	0.891	0.668	0.650
RS3804100	0.994	0.556	0.652
RS836551	0.681	0.832	0.654
RS9380500	0.391	0.837	0.654
RS1417938	0.608	0.292	0.655
RS1442849	0.780	0.366	0.656
RS2287886	0.633	0.883	0.656
RS4686864	0.331	0.771	0.656
RS13029532	0.471	1.000	0.656
RS9881120	0.692	0.807	0.657
RS17054709	0.630	0.333	0.658
RS2072685	0.776	0.723	0.660
RS16871019	0.265	0.590	0.660
RS4792214	0.799	0.718	0.661
RS836554	0.405	0.852	0.661
RS308382	0.230	0.624	0.662
RS167428	0.596	0.905	0.662
RS17375194	0.636	0.908	0.664
RS4795067	0.820	0.704	0.664
RS7528588	0.459	0.207	0.667
RS7834209	0.066	0.231	0.668
RS2015070	0.914	0.463	0.668
RS17038748	0.727	0.796	0.668
RS4957473	0.860	0.654	0.669
RS7558921	0.454	0.980	0.670
RS854477	0.398	0.151	0.670
RS3867263	0.091	0.334	0.670
RS7217186	0.543	0.230	0.670
RS12937410	0.669	0.331	0.671
RS12943817	0.761	0.378	0.671
RS2838739	0.035	0.180	0.671
RS11667267	0.029	0.131	0.672
RS281438	0.573	0.258	0.672
RS729925	0.168	0.391	0.673
RS10067096	0.950	0.619	0.673

RS4789763	0.672	0.844	0.674
RS7732104	0.434	0.891	0.675
RS4648022	0.786	0.431	0.676
RS11876937	0.832	0.713	0.676
RS991804	0.474	0.191	0.676
RS324058	0.974	0.576	0.678
RS4077757	0.945	0.504	0.678
RS7044464	0.512	0.969	0.679
RS971075	0.596	0.971	0.683
RS3775291	0.380	0.161	0.683
RS4656701	0.759	0.789	0.683
RS3024904	0.454	0.958	0.683
RS11749762	0.794	0.746	0.684
RS1254609	0.582	0.956	0.685
RS5743867	0.378	0.759	0.685
RS13356677	0.230	0.527	0.686
RS6942478	0.775	0.755	0.687
RS3775292	0.985	0.585	0.687
RS268626	0.607	0.286	0.688
RS5743289	0.234	0.103	0.689
RS4513579	0.168	0.474	0.690
RS2042247	0.944	0.541	0.691
RS12087872	0.873	0.674	0.693
RS4452007	0.927	0.571	0.693
RS16994490	0.231	0.122	0.694
RS9912048	0.318	0.675	0.695
RS11595876	0.424	0.825	0.695
RS5082	0.818	0.446	0.696
RS11667699	0.301	0.734	0.696
RS3093030	0.342	0.150	0.698
RS4360988	0.579	0.994	0.698
RS3844280	0.647	0.375	0.700
RS243317	0.297	0.128	0.700
RS17186582	0.674	0.398	0.701
RS470261	0.777	0.803	0.701
RS816361	0.752	0.770	0.702
RS2239774	0.887	0.717	0.703

RS3091328	0.134	0.374	0.703
RS4489574	0.741	0.378	0.703
RS5744355	0.277	0.100	0.705
RS3917012	0.199	0.481	0.705
RS4948671	0.263	0.618	0.706
RS3805715	0.400	0.720	0.708
RS17361077	0.254	0.612	0.708
RS6119276	0.971	0.625	0.708
RS3782924	0.809	0.778	0.709
RS2278635	0.817	0.445	0.709
RS2284659	0.097	0.044	0.710
RS2569190	0.626	0.931	0.711
RS224215	0.973	0.611	0.711
RS11742401	0.913	0.556	0.712
RS2115819	0.628	0.930	0.712
RS12601982	0.565	0.271	0.714
RS1468673	0.598	0.353	0.714
RS7273717	0.040	0.193	0.715
RS1780629	0.097	0.041	0.719
RS2122564	0.213	0.511	0.719
RS12043615	0.952	0.554	0.720
RS2741112	0.650	0.352	0.721
RS6747563	0.991	0.634	0.721
RS12296430	0.553	0.283	0.721
RS6865420	0.414	0.796	0.722
RS308443	0.091	0.341	0.723
RS7825750	0.909	0.653	0.724
RS11042484	0.797	0.787	0.724
RS308434	0.940	0.568	0.724
RS11465352	0.081	0.282	0.724
RS12707453	0.819	0.490	0.726
RS4656994	0.778	0.436	0.727
RS1168758	0.404	0.693	0.727
RS665691	0.781	0.858	0.730
RS7443604	0.305	0.598	0.730
RS9668031	0.175	0.455	0.731
RS3917854	0.639	0.349	0.732

RS2977826	0.896	0.709	0.734
RS3917744	0.292	0.551	0.735
RS926065	0.596	0.318	0.735
RS3917681	0.733	0.419	0.736
RS10900213	0.652	0.954	0.737
RS5519	0.675	0.943	0.738
RS17383601	0.879	0.582	0.740
RS2494251	0.260	0.548	0.741
RS1152888	0.576	0.884	0.744
RS3212855	0.606	0.985	0.745
RS1618440	0.776	0.487	0.745
RS12029217	0.462	0.806	0.745
RS2066843	0.632	0.381	0.745
RS1585213	0.812	0.893	0.745
RS9315051	0.139	0.297	0.746
RS6691053	0.550	0.929	0.747
RS4820274	0.294	0.154	0.748
RS2494250	0.853	0.815	0.748
RS7656411	0.523	0.266	0.748
RS17006255	0.961	0.686	0.748
RS3024979	0.936	0.720	0.750
RS5744519	0.752	0.838	0.751
RS3212711	0.159	0.373	0.751
RS2980924	0.528	0.904	0.751
RS1697143	0.305	0.164	0.753
RS9579648	0.349	0.159	0.754
RS2420378	0.600	0.359	0.755
RS6695096	0.914	0.766	0.755
RS3917818	0.863	0.756	0.756
RS12544296	0.974	0.654	0.756
RS2243828	0.644	0.974	0.757
RS4804806	0.840	0.805	0.757
RS10947541	0.891	0.841	0.758
RS3828511	0.240	0.455	0.759
RS3093010	0.992	0.668	0.761
RS2702938	0.583	0.933	0.762
RS1363618	0.905	0.794	0.763

RS7944723	0.254	0.505	0.763
RS8073066	0.572	0.350	0.763
RS2740502	0.318	0.611	0.764
RS1907635	0.569	0.930	0.765
RS2842707	0.622	0.389	0.767
RS3794763	0.640	0.959	0.767
RS7219450	0.955	0.741	0.769
RS11784359	0.718	0.891	0.769
RS2738112	0.901	0.760	0.770
RS4251513	0.535	0.868	0.770
RS12187501	0.992	0.738	0.771
RS3794842	0.778	0.567	0.771
RS17468519	0.792	0.567	0.773
RS3113002	0.236	0.120	0.773
RS261752	0.658	0.990	0.774
RS2440129	0.742	0.919	0.774
RS16969415	0.873	0.796	0.775
RS743507	0.697	0.423	0.775
RS365654	0.212	0.145	0.776
RS4288398	0.241	0.482	0.777
RS760694	0.249	0.496	0.777
RS12603965	0.617	0.925	0.778
RS2227589	0.788	0.533	0.778
RS9332739	0.632	0.993	0.779
RS944725	0.890	0.602	0.779
RS3775302	0.871	0.536	0.779
RS10058233	0.383	0.247	0.780
RS3093077	0.127	0.254	0.780
RS4648110	0.187	0.378	0.781
RS2738116	0.767	0.905	0.781
RS609061	0.345	0.227	0.783
RS10902076	0.871	0.842	0.786
RS11564445	0.689	0.966	0.786
RS3176874	0.824	0.856	0.787
RS3093009	0.525	0.387	0.787
RS7537126	0.815	0.485	0.787
RS2459611	0.381	0.194	0.787

RS17004044	0.807	0.546	0.787
RS11245935	0.898	0.785	0.788
RS17473335	0.237	0.422	0.788
RS6895161	0.721	0.987	0.789
RS2838737	0.737	0.532	0.789
RS760462	0.818	0.576	0.790
RS5744329	0.781	0.573	0.792
RS5760093	0.834	0.570	0.792
RS4253246	0.968	0.773	0.793
RS4238087	0.250	0.160	0.795
RS6605579	0.825	0.522	0.796
RS545654	0.143	0.278	0.796
RS4821544	0.894	0.640	0.796
RS4686870	0.679	0.502	0.796
RS11575584	0.746	0.923	0.799
RS6890674	0.968	0.784	0.799
RS729749	0.100	0.069	0.800
RS13126816	0.528	0.833	0.801
RS408121	0.333	0.570	0.801
RS737091	0.287	0.177	0.801
RS712276	0.707	0.990	0.802
RS1353939	0.732	0.987	0.802
RS2946863	0.848	0.826	0.803
RS3745523	0.619	0.872	0.803
RS3782522	0.450	0.305	0.804
RS1554973	0.784	0.910	0.804
RS2071409	0.704	0.960	0.805
RS2302862	0.918	0.637	0.806
RS956239	0.368	0.639	0.807
RS2190970	0.633	0.413	0.810
RS17660901	0.967	0.720	0.811
RS237554	0.215	0.119	0.811
RS4368711	0.857	0.904	0.811
RS806019	0.300	0.538	0.812
RS2511990	0.283	0.508	0.813
RS3212701	0.190	0.106	0.813
RS3924264	0.537	0.777	0.813

RS4704871	0.299	0.545	0.815
RS1862405	0.423	0.685	0.816
RS2741688	0.959	0.773	0.817
RS3748671	0.126	0.082	0.817
RS12264801	0.760	0.988	0.818
RS4952236	0.809	0.955	0.819
RS6572	0.847	0.890	0.819
RS2255929	0.583	0.392	0.820
RS11694155	0.072	0.045	0.823
RS12489890	0.586	0.849	0.823
RS8086634	0.366	0.518	0.825
RS10173099	0.826	0.914	0.826
RS3918227	0.422	0.390	0.826
RS7574608	0.538	0.706	0.826
RS6826961	0.201	0.380	0.828
RS3924112	0.286	0.537	0.828
RS2659058	0.560	0.829	0.828
RS6136	0.963	0.827	0.828
RS11466741	0.836	0.616	0.831
RS2970503	0.601	0.430	0.832
RS4468690	0.669	0.989	0.832
RS1927906	0.687	0.869	0.835
RS7841223	0.397	0.498	0.836
RS1358826	0.896	0.756	0.836
RS2622653	0.468	0.331	0.837
RS4648090	0.248	0.427	0.838
RS4795896	0.442	0.312	0.839
RS3091322	0.461	0.322	0.841
RS1152918	0.461	0.580	0.841
RS2455307	0.629	0.875	0.844
RS470895	0.730	0.575	0.846
RS2491393	0.984	0.777	0.847
RS1008563	0.772	0.601	0.847
RS8105483	0.865	0.927	0.847
RS7217655	0.850	0.639	0.847
RS4251520	0.908	0.907	0.847
RS9313634	0.755	0.943	0.848

RS12484031	0.552	0.402	0.848
RS2675982	0.469	0.653	0.850
RS17501108	0.683	0.921	0.851
RS1400657	0.855	0.912	0.852
RS2702833	0.558	0.422	0.852
RS1422795	0.934	0.707	0.852
RS2506	0.866	0.682	0.852
RS230510	0.448	0.605	0.853
RS291989	0.792	0.982	0.854
RS4073260	0.893	0.970	0.855
RS12153063	0.935	0.688	0.857
RS2235091	0.166	0.330	0.857
RS3756561	0.605	0.457	0.857
RS11466657	0.396	0.290	0.860
RS1800947	0.862	0.930	0.860
RS4656993	0.483	0.353	0.860
RS1429372	0.812	0.986	0.861
RS1732893	0.507	0.626	0.862
RS2833475	0.207	0.228	0.862
RS197589	0.446	0.665	0.862
RS7502772	0.699	0.575	0.863
RS12401978	0.988	0.823	0.863
RS2287868	0.493	0.405	0.864
RS5743369	0.813	0.976	0.864
RS1774916	0.491	0.660	0.865
RS171094	0.613	0.830	0.865
RS11466782	0.608	0.820	0.868
RS1169670	0.604	0.495	0.869
RS6984215	0.540	0.430	0.869
RS7574920	0.535	0.424	0.870
RS155266	0.182	0.292	0.870
RS2282582	0.527	0.699	0.871
RS3027215	0.883	0.708	0.871
RS308441	0.659	0.854	0.872
RS16851498	0.714	0.962	0.872
RS3805221	0.460	0.633	0.873
RS17682491	0.615	0.471	0.874

RS3810194	0.770	0.663	0.874
RS9644778	0.734	0.630	0.875
RS2000467	0.764	0.946	0.875
RS6057657	0.942	0.913	0.876
RS7560571	0.252	0.369	0.877
RS9797244	0.438	0.613	0.879
RS3769618	0.579	0.750	0.879
RS366510	0.519	0.680	0.880
RS12703107	0.841	0.974	0.880
RS5744478	0.910	0.912	0.883
RS389512	0.493	0.393	0.883
RS11587213	0.875	0.968	0.883
RS10223101	0.365	0.312	0.885
RS10189819	0.702	0.878	0.885
RS3821801	0.511	0.388	0.885
RS10512766	0.682	0.488	0.886
RS2071006	0.128	0.271	0.888
RS12962017	0.943	0.886	0.888
RS12711521	0.765	0.653	0.890
RS268593	0.505	0.627	0.891
RS6699859	0.481	0.357	0.891
RS2074724	0.200	0.215	0.892
RS5030728	0.117	0.118	0.892
RS3176766	0.718	0.580	0.893
RS3557	0.685	0.566	0.894
RS1041163	0.836	0.992	0.894
RS2508443	0.646	0.790	0.895
RS13275170	0.569	0.672	0.895
RS3776526	0.512	0.683	0.896
RS4704883	0.740	0.600	0.896
RS7641394	0.624	0.550	0.897
RS702484	0.907	0.972	0.897
RS883182	0.406	0.606	0.897
RS6127776	0.081	0.147	0.898
RS16832694	0.829	0.684	0.898
RS17220750	0.101	0.208	0.899
RS1898671	0.424	0.548	0.899

RS6860540	0.491	0.635	0.899
RS7373858	0.543	0.702	0.900
RS4076128	0.567	0.444	0.900
RS4807650	0.010	0.019	0.900
RS2230399	0.652	0.850	0.901
RS1984266	0.915	0.939	0.902
RS11717574	0.710	0.564	0.903
RS679350	0.841	0.993	0.905
RS9900213	0.662	0.824	0.906
RS9892383	0.602	0.574	0.907
RS779905	0.587	0.725	0.907
RS6503075	0.426	0.350	0.908
RS7444800	0.708	0.836	0.908
RS3753305	0.269	0.366	0.908
RS9916382	0.659	0.556	0.909
RS5750326	0.883	0.993	0.910
RS10507391	0.582	0.483	0.910
RS3917410	0.987	0.844	0.910
RS2796278	0.972	0.947	0.911
RS2619508	0.544	0.487	0.912
RS308379	0.455	0.617	0.912
RS7215658	0.698	0.783	0.912
RS12489891	0.630	0.817	0.913
RS2741689	0.703	0.841	0.917
RS4526381	0.541	0.501	0.917
RS874603	0.434	0.551	0.918
RS2227692	0.529	0.658	0.919
RS11239524	0.811	0.928	0.919
RS2305623	0.775	0.695	0.920
RS12953981	0.617	0.793	0.920
RS3782218	0.226	0.233	0.922
RS2282583	0.527	0.636	0.922
RS2304908	0.906	0.989	0.923
RS12990918	0.613	0.496	0.924
RS1422794	0.495	0.564	0.925
RS10506481	0.437	0.381	0.926
RS6503076	0.264	0.372	0.926

RS2163059	0.821	0.768	0.927
RS12452417	0.577	0.684	0.927
RS2664153	0.826	0.947	0.928
RS12709102	0.775	0.656	0.930
RS7215288	0.890	0.938	0.930
RS3845466	0.755	0.877	0.932
RS2838729	0.181	0.203	0.932
RS3181049	0.962	0.868	0.933
RS1266071	0.894	0.806	0.934
RS1127220	0.492	0.599	0.934
RS4332159	0.849	0.910	0.934
RS1916661	0.647	0.749	0.934
RS779904	0.508	0.569	0.935
RS12431114	0.561	0.650	0.936
RS710459	0.746	0.831	0.937
RS3027300	0.793	0.696	0.937
RS7480563	0.715	0.667	0.937
RS5745696	0.319	0.358	0.938
RS2070902	0.662	0.560	0.938
RS7934606	0.651	0.757	0.938
RS1697142	0.586	0.700	0.939
RS2244529	0.466	0.524	0.940
RS17198395	0.735	0.725	0.941
RS11003137	0.416	0.388	0.942
RS6762462	0.909	0.808	0.942
RS230547	0.204	0.230	0.943
RS12094497	0.958	0.858	0.943
RS11003134	0.351	0.355	0.945
RS4648127	0.621	0.692	0.946
RS8078865	0.772	0.828	0.946
RS9729550	0.989	0.974	0.946
RS696405	0.600	0.632	0.946
RS1984309	0.452	0.447	0.948
RS3136685	0.475	0.626	0.950
RS3935951	0.116	0.174	0.952
RS1780627	0.299	0.360	0.952
RS5746136	0.601	0.557	0.952

RS10279968	0.688	0.747	0.952
RS2302004	0.111	0.092	0.953
RS11536949	0.751	0.742	0.953
RS3093006	0.262	0.237	0.953
RS1799969	0.778	0.823	0.954
RS13271014	0.679	0.640	0.954
RS1144911	0.223	0.221	0.955
RS744141	0.439	0.536	0.955
RS3136671	0.944	0.982	0.956
RS1654553	0.592	0.723	0.956
RS3813729	0.918	0.848	0.956
RS6451566	0.307	0.310	0.957
RS9911644	0.264	0.278	0.958
RS1357134	0.979	0.953	0.958
RS2455314	0.628	0.682	0.958
RS7918542	0.314	0.368	0.959
RS9883327	0.276	0.348	0.959
RS4940866	0.927	0.946	0.961
RS1076637	0.852	0.877	0.961
RS753733	0.952	0.981	0.961
RS10745657	0.815	0.822	0.962
RS1429376	0.860	0.918	0.963
RS12107082	0.232	0.269	0.965
RS11938657	0.305	0.405	0.966
RS17384194	0.617	0.710	0.966
RS5085	0.217	0.272	0.967
RS3093007	0.340	0.476	0.967
RS2074437	0.394	0.425	0.967
RS7298903	0.864	0.889	0.968
RS3823773	0.824	0.720	0.969
RS13117745	0.391	0.441	0.970
RS2335534	0.606	0.625	0.970
RS11085101	0.010	0.015	0.971
RS7238776	0.824	0.889	0.972
RS12088135	0.281	0.383	0.972
RS2075821	0.600	0.501	0.972
RS805286	0.224	0.258	0.975

RS4253311	0.355	0.416	0.976
RS2236938	0.448	0.467	0.977
RS5746151	0.958	0.914	0.977
RS1899894	0.566	0.620	0.977
RS4674261	0.489	0.548	0.977
RS624298	0.285	0.336	0.978
RS6503078	0.210	0.142	0.978
RS3782928	0.768	0.771	0.978
RS7617872	0.680	0.709	0.982
RS4769871	0.580	0.588	0.983
RS1428469	0.788	0.783	0.986
RS10432782	0.477	0.522	0.986
RS2107538	0.240	0.347	0.987
RS2738173	0.726	0.750	0.988
RS8081047	0.881	0.929	0.988
RS13135645	0.837	0.902	0.989
RS11068446	0.852	0.821	0.990
RS12624843	0.154	0.206	0.990
RS2531863	0.442	0.509	0.991
RS5745616	0.600	0.710	0.991
RS6441948	0.971	0.984	0.992
RS9607432	0.520	0.562	0.993
RS4445746	0.539	0.534	0.994
RS1837253	0.734	0.763	0.995
RS4253236	0.326	0.367	0.995
RS6451568	0.685	0.751	0.996
RS6531670	0.789	0.808	0.997
RS4792199	0.925	0.934	0.997
RS2289278	0.148	0.248	0.998
RS658285	0.951	0.937	0.999
RS3024851	0.658	0.599	0.999