

**Supplemental Table 3.**

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

<b>SNP_rs#</b>	<b>NCI</b>	<b>NIOSH</b>	<b>Combined</b>
RS2066804	0.00008	0.100	0.0001
RS1434789	0.240	0.0002	0.0004
RS10513634	0.002	0.079	0.001
RS2236868	0.027	0.040	0.003
RS16938755	0.014	0.069	0.003
RS1552746	0.014	0.079	0.003
RS13035504	0.055	0.030	0.004
RS3917727	0.084	0.028	0.005
RS17523783	0.152	0.017	0.006
RS7746553	0.292	0.006	0.006
RS2857653	0.169	0.015	0.006
RS6054706	0.191	0.013	0.006
RS738807	0.028	0.093	0.007
RS3212741	0.251	0.009	0.007
RS13036802	0.112	0.040	0.009
RS4804221	0.131	0.037	0.010
RS2072496	0.061	0.080	0.010
RS4795895	0.158	0.031	0.011
RS4301834	0.013	0.237	0.011
RS2000466	0.087	0.064	0.012
RS7245564	0.556	0.003	0.013
RS206811	0.190	0.034	0.014
RS4647992	0.006	0.301	0.015
RS8082480	0.159	0.047	0.016
RS537160	0.226	0.031	0.016
RS885691	0.235	0.030	0.016
RS17470667	0.209	0.038	0.017
RS202445	0.514	0.008	0.017
RS743646	0.066	0.123	0.017
RS494852	0.026	0.223	0.018
RS11927882	0.408	0.014	0.018
RS1031509	0.456	0.012	0.019
RS3138039	0.332	0.026	0.021
RS11536897	0.200	0.053	0.022

RS2758352	0.016	0.361	0.022
RS3138037	0.569	0.013	0.024
RS3815623	0.043	0.222	0.024
RS17201075	0.314	0.031	0.024
RS13418515	0.139	0.090	0.024
RS875643	0.035	0.245	0.025
RS12327969	0.191	0.062	0.025
RS9267677	0.368	0.022	0.025
RS13005843	0.078	0.156	0.026
RS6740131	0.125	0.111	0.027
RS11851178	0.609	0.014	0.028
RS268922	0.003	0.778	0.030
RS8100631	0.001	0.984	0.031
RS16842010	0.070	0.194	0.031
RS442319	0.664	0.013	0.031
RS9320031	0.005	0.690	0.032
RS3917683	0.069	0.214	0.032
RS3746972	0.161	0.111	0.034
RS1701950	0.460	0.026	0.034
RS2808630	0.002	0.864	0.035
RS2974260	0.248	0.075	0.035
RS4853546	0.822	0.009	0.038
RS2659079	0.001	0.940	0.038
RS7548864	0.100	0.187	0.038
RS8056611	0.047	0.311	0.039
RS2026882	0.072	0.260	0.040
RS261753	0.127	0.177	0.042
RS2509963	0.211	0.116	0.044
RS6718606	0.041	0.358	0.044
RS13251447	0.885	0.013	0.045
RS7502772	0.340	0.069	0.045
RS17186575	0.497	0.044	0.045
RS5745687	0.341	0.067	0.045
RS2701652	0.048	0.365	0.046
RS3138035	0.041	0.388	0.046
RS2738100	0.423	0.054	0.048
RS3864097	0.119	0.205	0.049

RS1952438	0.261	0.100	0.049
RS10850803	0.107	0.218	0.050
RS710462	0.101	0.253	0.050
RS12948058	0.015	0.668	0.051
RS6503695	0.057	0.367	0.051
RS17576996	0.564	0.038	0.052
RS1701930	0.001	0.729	0.052
RS2509973	0.234	0.130	0.053
RS2282691	0.181	0.164	0.054
RS2569192	0.315	0.086	0.054
RS1461567	0.258	0.115	0.054
RS7969157	0.899	0.010	0.058
RS11611878	0.059	0.373	0.059
RS12450996	0.255	0.129	0.059
RS312462	0.272	0.113	0.059
RS1450665	0.044	0.463	0.059
RS206849	0.071	0.374	0.062
RS3917018	0.176	0.195	0.062
RS17006738	0.188	0.190	0.063
RS7867729	0.028	0.642	0.063
RS11737764	0.064	0.399	0.063
RS921336	0.820	0.029	0.063
RS389883	0.100	0.313	0.063
RS3138034	0.024	0.660	0.064
RS944725	0.909	0.010	0.065
RS629409	0.549	0.047	0.065
RS1654537	0.805	0.007	0.066
RS803022	0.054	0.426	0.066
RS263410	0.053	0.477	0.067
RS2738163	0.704	0.038	0.068
RS2282557	0.497	0.072	0.068
RS2190970	0.409	0.083	0.069
RS4648006	0.051	0.420	0.069
RS1431991	0.259	0.151	0.069
RS3759324	0.207	0.197	0.070
RS266850	0.088	0.378	0.071
RS6860438	0.254	0.161	0.071

RS1209087	0.615	0.050	0.071
RS2250656	0.006	0.989	0.073
RS3789138	0.055	0.532	0.074
RS2076074	0.034	0.655	0.076
RS4804806	0.297	0.147	0.077
RS1205	0.612	0.062	0.078
RS7031036	0.899	0.030	0.079
RS2753345	0.026	0.736	0.080
RS3935645	0.062	0.511	0.081
RS4254165	0.405	0.115	0.081
RS16967637	0.251	0.189	0.082
RS13010343	0.095	0.380	0.082
RS6474	0.174	0.271	0.084
RS1898830	0.959	0.024	0.085
RS470681	0.171	0.277	0.085
RS4795904	0.027	0.752	0.086
RS2213430	0.549	0.081	0.086
RS3917688	0.188	0.261	0.087
RS4792214	0.366	0.138	0.087
RS2227672	0.013	0.901	0.087
RS4462945	0.112	0.399	0.089
RS6949758	0.123	0.352	0.089
RS8096433	0.628	0.072	0.090
RS9658490	0.348	0.144	0.090
RS2209627	0.141	0.336	0.090
RS344550	0.156	0.311	0.092
RS1031507	0.367	0.145	0.093
RS11117564	0.018	0.840	0.094
RS12578547	0.464	0.106	0.095
RS10512765	0.448	0.122	0.095
RS17054692	0.556	0.096	0.096
RS723858	0.628	0.067	0.096
RS17500235	0.073	0.492	0.097
RS2664152	0.072	0.540	0.097
RS739043	0.305	0.195	0.099
RS720958	0.022	0.936	0.099
RS367523	0.833	0.018	0.100

RS6503691	0.557	0.102	0.102
RS760521	0.995	0.029	0.102
RS2117341	0.555	0.105	0.102
RS7183	0.255	0.242	0.103
RS2472614	0.159	0.344	0.103
RS3753306	0.547	0.092	0.103
RS850312	0.013	0.932	0.104
RS3024921	0.469	0.134	0.105
RS206858	0.457	0.132	0.106
RS2246583	0.042	0.653	0.106
RS11579965	0.696	0.071	0.106
RS2298711	0.512	0.110	0.107
RS7797547	0.003	0.543	0.107
RS5745616	0.385	0.170	0.108
RS918608	0.363	0.188	0.109
RS11786591	0.307	0.226	0.109
RS6915410	0.883	0.017	0.109
RS470498	0.079	0.548	0.109
RS2282574	0.265	0.254	0.111
RS1962149	0.198	0.315	0.111
RS2675982	0.658	0.075	0.111
RS4804802	0.017	0.985	0.112
RS12327459	0.281	0.240	0.113
RS17129266	0.535	0.106	0.113
RS206860	0.318	0.211	0.114
RS2842707	0.622	0.101	0.116
RS3782415	0.644	0.097	0.118
RS9676140	0.197	0.359	0.118
RS4862633	0.137	0.448	0.119
RS17375194	0.033	0.894	0.121
RS12088436	0.670	0.084	0.121
RS4425986	0.274	0.271	0.122
RS17652343	0.041	0.819	0.122
RS423490	0.860	0.054	0.122
RS281414	0.637	0.099	0.122
RS7838017	0.183	0.390	0.122
RS8094402	0.356	0.214	0.123

RS12088135	0.267	0.266	0.123
RS2159776	0.907	0.057	0.123
RS2070946	0.090	0.593	0.124
RS3176860	0.134	0.492	0.124
RS17826057	0.061	0.655	0.125
RS700238	0.964	0.035	0.126
RS348337	0.156	0.432	0.127
RS11098676	0.019	0.936	0.128
RS17501108	0.032	0.854	0.130
RS441019	0.142	0.484	0.130
RS1248650	0.110	0.574	0.131
RS698090	0.264	0.302	0.132
RS12728761	0.570	0.125	0.132
RS2734704	0.293	0.277	0.132
RS3758919	0.067	0.770	0.133
RS10507393	0.366	0.230	0.133
RS3917412	0.286	0.292	0.134
RS16833437	0.340	0.242	0.134
RS698084	0.326	0.253	0.135
RS5745752	0.047	0.800	0.135
RS9880761	0.677	0.098	0.135
RS913836	0.064	0.751	0.137
RS3792297	0.037	0.908	0.137
RS850316	0.091	0.640	0.138
RS867174	0.002	0.369	0.138
RS17216487	0.631	0.017	0.139
RS2236876	0.770	0.020	0.139
RS3212752	0.243	0.352	0.139
RS1001073	0.923	0.057	0.141
RS6696110	0.077	0.672	0.141
RS12043615	0.296	0.287	0.142
RS3935644	0.229	0.379	0.142
RS11685878	0.771	0.086	0.142
RS4898758	0.043	0.899	0.142
RS631090	0.466	0.185	0.142
RS698085	0.394	0.231	0.143
RS17128136	0.019	0.952	0.143

RS3822356	0.125	0.539	0.144
RS2529440	0.188	0.424	0.144
RS4914	0.962	0.033	0.145
RS2649663	0.318	0.298	0.145
RS3741240	0.787	0.089	0.146
RS12984649	0.684	0.106	0.146
RS1582091	0.203	0.431	0.146
RS5085	0.118	0.606	0.146
RS872066	0.603	0.148	0.147
RS12685344	0.344	0.271	0.147
RS9842595	0.049	0.859	0.148
RS10759930	0.108	0.606	0.149
RS3914010	0.318	0.294	0.150
RS2758331	0.316	0.304	0.150
RS2287868	0.481	0.200	0.152
RS13093535	0.037	0.997	0.152
RS7651327	0.011	0.699	0.152
RS2289277	0.656	0.130	0.153
RS235325	0.063	0.785	0.154
RS497309	0.239	0.405	0.155
RS6463554	0.140	0.538	0.155
RS17004047	0.136	0.628	0.157
RS11672997	0.136	0.582	0.159
RS850307	0.454	0.224	0.160
RS1046033	0.784	0.033	0.161
RS3775291	0.694	0.028	0.161
RS4853533	0.015	0.767	0.163
RS4890785	0.501	0.214	0.163
RS8081248	0.616	0.160	0.166
RS6785838	0.009	0.639	0.166
RS594661	0.625	0.157	0.166
RS4592765	0.628	0.024	0.167
RS2791491	0.294	0.344	0.168
RS7789045	0.739	0.114	0.168
RS710474	0.329	0.340	0.169
RS3794845	0.746	0.045	0.172
RS3024912	0.104	0.708	0.172

RS11064497	0.414	0.278	0.172
RS1008562	0.989	0.082	0.175
RS4151657	0.145	0.616	0.176
RS7250423	0.002	0.286	0.176
RS5745627	0.132	0.675	0.176
RS1233653	0.028	0.986	0.178
RS4427917	0.030	0.836	0.179
RS2256023	0.337	0.336	0.182
RS10512766	0.389	0.324	0.183
RS10402563	0.049	0.972	0.185
RS779905	0.031	0.986	0.186
RS11763015	0.349	0.011	0.186
RS1321690	0.086	0.741	0.187
RS235329	0.078	0.825	0.187
RS698104	0.773	0.127	0.188
RS10504554	0.438	0.283	0.188
RS2838735	0.027	0.787	0.189
RS3091327	0.021	0.881	0.189
RS9459883	0.276	0.437	0.190
RS12971845	0.859	0.108	0.191
RS3919533	0.357	0.354	0.191
RS12621192	0.816	0.120	0.192
RS1041163	0.083	0.921	0.192
RS187451	0.805	0.131	0.192
RS12949918	0.097	0.793	0.192
RS2290065	0.154	0.585	0.193
RS1467199	0.133	0.691	0.193
RS11466749	0.344	0.380	0.194
RS3775292	0.398	0.329	0.194
RS3130683	0.162	0.605	0.195
RS1078625	0.937	0.067	0.195
RS3733001	0.358	0.356	0.195
RS353547	0.014	0.584	0.195
RS2205850	0.289	0.432	0.197
RS3917820	0.539	0.228	0.198
RS7528380	0.264	0.477	0.198
RS352162	0.015	0.604	0.199



RS5741798	0.008	0.575	0.201
RS2040049	0.083	0.862	0.202
RS7037673	0.973	0.079	0.202
RS4674257	0.997	0.099	0.202
RS3804100	0.481	0.288	0.204
RS9658282	0.753	0.156	0.207
RS12628766	0.774	0.157	0.208
RS1442849	0.937	0.067	0.209
RS1553469	0.898	0.117	0.209
RS11466750	0.473	0.304	0.210
RS13150331	0.802	0.061	0.210
RS12296430	0.869	0.132	0.211
RS12753665	0.415	0.343	0.212
RS7249320	0.428	0.337	0.212
RS10824801	0.033	0.832	0.213
RS10902076	0.278	0.500	0.216
RS4608848	0.659	0.198	0.216
RS324020	0.151	0.688	0.217
RS2248814	0.324	0.448	0.219
RS12756603	0.699	0.194	0.220
RS758946	0.294	0.478	0.221
RS652553	0.380	0.376	0.221
RS4957473	0.067	0.981	0.221
RS3093024	0.818	0.070	0.222
RS9856551	0.444	0.351	0.224
RS5756372	0.618	0.046	0.224
RS760458	0.846	0.076	0.225
RS17593222	0.530	0.297	0.225
RS4969168	0.315	0.480	0.228
RS5030390	0.074	0.927	0.228
RS2293054	0.371	0.413	0.228
RS379527	0.145	0.766	0.229
RS588019	0.656	0.206	0.231
RS2227692	0.363	0.415	0.233
RS17686100	0.346	0.011	0.233
RS1321695	0.216	0.610	0.233
RS167769	0.151	0.764	0.235

RS9894356	0.665	0.219	0.235
RS4656993	0.155	0.744	0.235
RS530880	0.268	0.582	0.235
RS12771266	0.052	0.982	0.237
RS12624843	0.069	0.989	0.238
RS2838739	0.228	0.596	0.239
RS10739585	0.835	0.091	0.239
RS2251746	0.794	0.181	0.239
RS735240	0.103	0.886	0.240
RS4879816	0.873	0.097	0.240
RS9661996	0.344	0.454	0.241
RS941989	0.226	0.638	0.241
RS3138119	0.236	1.000	0.241
RS3823773	0.421	0.366	0.243
RS1400657	0.387	0.431	0.245
RS13020076	0.090	0.996	0.246
RS2149356	0.048	0.835	0.246
RS718226	0.336	0.486	0.248
RS4844592	0.306	0.513	0.248
RS1991262	0.284	0.569	0.248
RS703817	0.227	0.628	0.249
RS8078865	0.282	0.575	0.249
RS4789763	0.993	0.127	0.250
RS7574920	0.603	0.285	0.252
RS6761387	0.372	0.480	0.254
RS4251460	0.734	0.075	0.254
RS1801046	0.510	0.352	0.254
RS2779248	0.241	0.631	0.254
RS12984870	0.668	0.260	0.255
RS13034664	0.805	0.184	0.255
RS9332739	0.213	0.647	0.256
RS308388	0.231	0.673	0.256
RS11176078	0.088	0.994	0.259
RS2741683	0.301	0.554	0.260
RS9881120	0.956	0.152	0.260
RS1838066	0.090	0.976	0.262
RS470793	0.714	0.226	0.263

RS3918350	0.200	0.705	0.265
RS4253315	0.307	0.557	0.266
RS266851	0.742	0.226	0.266
RS6128	0.480	0.388	0.267
RS457414	0.968	0.145	0.267
RS9858935	0.091	0.978	0.267
RS2863747	0.979	0.149	0.268
RS7238776	0.307	0.559	0.270
RS17769459	0.062	0.987	0.271
RS12029217	0.189	0.773	0.271
RS2277984	0.142	0.863	0.272
RS2297516	0.299	0.596	0.272
RS2075821	0.813	0.182	0.273
RS12603965	0.357	0.524	0.274
RS2235091	0.067	0.908	0.276
RS308443	0.034	0.846	0.277
RS3924264	0.094	0.980	0.277
RS4804805	0.313	0.582	0.278
RS6690827	0.765	0.234	0.278
RS17576751	0.118	0.981	0.278
RS2427829	0.409	0.481	0.278
RS11921535	0.203	0.762	0.279
RS6000462	0.903	0.131	0.280
RS672693	0.507	0.394	0.281
RS932169	0.378	0.500	0.282
RS2239775	0.903	0.160	0.282
RS11068458	0.096	0.875	0.283
RS224215	0.501	0.043	0.283
RS2416810	0.486	0.415	0.284
RS6752770	0.462	0.439	0.284
RS17038748	0.069	0.851	0.285
RS10498445	0.485	0.428	0.286
RS3136685	0.363	0.531	0.287
RS3024896	0.209	0.771	0.287
RS1050813	0.447	0.454	0.288
RS3181088	0.360	0.535	0.291
RS2560935	0.114	0.901	0.291

RS12693591	0.230	0.745	0.292
RS2741692	0.712	0.295	0.292
RS17383601	0.980	0.184	0.293
RS470330	0.731	0.263	0.295
RS4253302	0.474	0.437	0.295
RS2842704	0.356	0.568	0.295
RS9680849	0.845	0.190	0.296
RS6796045	0.970	0.155	0.298
RS5745660	0.714	0.276	0.298
RS7541230	0.493	0.428	0.299
RS324015	0.455	0.463	0.300
RS7232502	0.694	0.305	0.301
RS4696483	0.473	0.456	0.302
RS12944039	0.458	0.468	0.304
RS1388604	0.334	0.607	0.304
RS6131	0.216	0.794	0.305
RS5744329	0.331	0.607	0.306
RS11134788	0.769	0.088	0.306
RS2664593	0.474	0.468	0.307
RS679682	0.142	0.947	0.308
RS10902089	0.929	0.192	0.308
RS6490121	0.710	0.298	0.309
RS308428	0.926	0.191	0.309
RS746713	0.421	0.520	0.309
RS11564445	0.192	0.799	0.310
RS12953981	0.124	0.945	0.311
RS710469	0.205	0.837	0.311
RS975074	0.501	0.446	0.313
RS991804	0.965	0.176	0.314
RS3794766	0.862	0.146	0.315
RS3917802	0.428	0.536	0.315
RS2122564	0.678	0.090	0.316
RS4694178	0.692	0.322	0.316
RS11953280	0.754	0.302	0.319
RS2302862	0.266	0.747	0.319
RS3917740	0.616	0.383	0.322
RS17468519	0.663	0.114	0.323

RS11569521	0.235	0.798	0.323
RS3212846	0.763	0.278	0.324
RS3113002	0.761	0.103	0.325
RS11749762	0.277	0.715	0.326
RS2425362	0.059	0.751	0.326
RS2306950	0.066	0.828	0.327
RS193779	0.775	0.126	0.327
RS17749316	0.372	0.583	0.327
RS5744519	0.221	0.755	0.327
RS3750919	0.960	0.167	0.329
RS6441929	0.209	0.853	0.330
RS2286194	0.377	0.600	0.330
RS1990950	0.941	0.182	0.330
RS3212711	0.086	0.003	0.331
RS4247362	0.710	0.114	0.331
RS17054709	0.846	0.275	0.332
RS2291908	0.192	0.916	0.335
RS7135975	0.345	0.652	0.335
RS2734697	0.352	0.647	0.336
RS3112982	0.849	0.256	0.337
RS5743305	0.167	0.967	0.339
RS6024876	0.230	0.798	0.341
RS1899894	0.092	0.894	0.341
RS11881682	0.181	0.898	0.342
RS2702860	0.827	0.160	0.344
RS7194886	0.271	0.759	0.344
RS224234	0.655	0.093	0.344
RS10514234	0.847	0.285	0.345
RS708030	0.701	0.360	0.346
RS4811656	0.085	0.793	0.347
RS9729550	0.973	0.212	0.349
RS1654553	0.169	0.959	0.350
RS2494250	0.333	0.715	0.350
RS3755867	0.300	0.760	0.351
RS4503649	0.156	0.976	0.351
RS2304240	0.162	0.994	0.352
RS13395505	0.072	0.733	0.352

RS10490361	0.594	0.449	0.353
RS11465353	0.533	0.495	0.354
RS3774934	0.083	0.790	0.355
RS13353878	0.695	0.382	0.355
RS16841987	0.262	0.805	0.355
RS11466782	0.894	0.278	0.355
RS3744711	0.423	0.605	0.356
RS3785898	0.266	0.817	0.356
RS235328	0.316	0.708	0.357
RS281413	0.804	0.142	0.358
RS10856839	0.094	0.713	0.359
RS12424669	0.732	0.345	0.359
RS2071006	0.044	0.617	0.360
RS16833224	0.944	0.185	0.360
RS17283264	0.532	0.119	0.360
RS3734029	0.891	0.275	0.360
RS3798315	0.146	0.924	0.363
RS2506	0.252	0.871	0.363
RS13407419	0.346	0.715	0.363
RS2979451	0.140	0.924	0.364
RS4077759	0.691	0.394	0.364
RS230540	0.295	0.805	0.366
RS2935542	0.951	0.197	0.367
RS4393129	0.566	0.481	0.367
RS9380500	0.394	0.697	0.368
RS9200	0.687	0.413	0.369
RS10173099	0.904	0.258	0.369
RS805287	0.214	0.921	0.369
RS4610776	0.288	0.784	0.370
RS6699859	0.385	0.681	0.372
RS10506481	0.618	0.087	0.372
RS17054657	0.593	0.113	0.372
RS532967	0.696	0.394	0.373
RS3093010	0.149	0.901	0.373
RS11742401	0.824	0.185	0.373
RS1187873	0.716	0.137	0.374
RS3745523	0.547	0.510	0.374

RS7373858	0.291	0.816	0.374
RS11465853	0.052	0.588	0.375
RS13072632	0.968	0.223	0.376
RS3093003	0.663	0.439	0.376
RS365654	0.250	0.034	0.376
RS816361	0.692	0.377	0.377
RS7548659	0.796	0.330	0.377
RS743507	0.049	0.497	0.377
RS2854386	0.519	0.110	0.378
RS1474552	0.744	0.132	0.380
RS10203061	0.776	0.362	0.380
RS4818740	0.787	0.354	0.380
RS11613834	0.425	0.633	0.381
RS16851498	0.982	0.249	0.384
RS7562024	0.212	0.981	0.384
RS7732104	0.413	0.087	0.385
RS155266	0.102	0.762	0.385
RS7660429	0.468	0.589	0.387
RS2734705	0.268	0.836	0.387
RS9911644	0.188	0.022	0.388
RS7026551	0.827	0.330	0.388
RS2753384	0.554	0.530	0.389
RS17054724	0.733	0.392	0.389
RS16871019	0.117	0.831	0.389
RS12063780	0.999	0.233	0.390
RS1013579	0.348	0.779	0.390
RS6938946	0.745	0.378	0.391
RS12401978	0.578	0.516	0.391
RS8086634	0.105	0.731	0.391
RS1609800	0.239	0.922	0.392
RS9883327	0.530	0.558	0.392
RS3782221	0.597	0.496	0.392
RS3027279	0.865	0.317	0.393
RS3794763	0.656	0.456	0.393
RS10003641	0.968	0.283	0.393
RS17433222	0.527	0.553	0.394
RS12094497	0.797	0.352	0.396

RS4686870	0.338	0.796	0.397
RS16833215	0.676	0.436	0.398
RS4833103	0.335	0.779	0.399
RS470934	0.932	0.310	0.399
RS17121283	0.771	0.169	0.400
RS16833177	0.232	0.956	0.400
RS2946863	0.201	0.984	0.402
RS1363618	0.413	0.696	0.402
RS4147063	0.068	0.605	0.402
RS207432	0.781	0.169	0.403
RS17384194	0.844	0.197	0.403
RS3745568	0.370	0.729	0.404
RS7288979	0.229	0.909	0.404
RS16861755	0.095	0.739	0.404
RS11465254	0.904	0.331	0.405
RS12962017	0.362	0.761	0.405
RS11569523	0.436	0.640	0.405
RS7657186	0.313	0.820	0.406
RS1990975	0.910	0.313	0.406
RS3753276	0.722	0.138	0.406
RS1048709	0.215	0.968	0.408
RS10060687	0.300	0.865	0.409
RS2302004	0.009	0.187	0.409
RS7934606	0.800	0.379	0.410
RS1476002	0.922	0.298	0.410
RS7674640	0.205	0.986	0.411
RS3775302	0.559	0.550	0.412
RS4948674	0.850	0.353	0.412
RS739041	0.836	0.365	0.413
RS4844390	0.420	0.702	0.413
RS1357134	0.269	0.919	0.413
RS11002306	0.567	0.561	0.413
RS2254073	0.312	0.849	0.413
RS13022931	0.354	0.095	0.415
RS3760386	0.516	0.095	0.415
RS7219450	0.810	0.386	0.418
RS4940866	0.406	0.698	0.418



RS3917715	0.342	0.808	0.419
RS2838727	0.248	0.959	0.420
RS2738169	0.985	0.305	0.421
RS11003134	0.065	0.614	0.422
RS2239774	0.957	0.254	0.424
RS1422794	0.839	0.365	0.425
RS1436849	0.385	0.775	0.427
RS2440129	0.361	0.791	0.427
RS12452417	0.045	0.399	0.428
RS6826961	0.607	0.550	0.428
RS3756561	0.532	0.108	0.429
RS2838734	0.099	0.630	0.430
RS3024861	0.682	0.485	0.431
RS11043785	0.300	0.880	0.431
RS344548	0.984	0.281	0.431
RS2885735	0.116	0.786	0.433
RS17020993	0.736	0.450	0.436
RS2305623	0.743	0.199	0.436
RS9579648	0.376	0.077	0.438
RS5995355	0.938	0.223	0.438
RS4657055	0.716	0.493	0.438
RS3918227	0.215	0.937	0.440
RS698102	0.232	0.990	0.442
RS11694155	0.375	0.059	0.443
RS11096955	0.090	0.649	0.443
RS7965055	0.301	0.042	0.444
RS11536949	0.520	0.624	0.444
RS4253236	0.408	0.762	0.444
RS1127220	0.184	0.897	0.444
RS2232578	0.593	0.600	0.445
RS10759932	0.177	0.029	0.446
RS6860540	0.838	0.237	0.446
RS268593	0.798	0.193	0.446
RS3024957	0.452	1.000	0.446
RS3794842	0.512	0.150	0.446
RS12051609	0.370	0.821	0.446
RS3181077	0.356	0.090	0.446

RS2072685	0.272	0.987	0.447
RS5743533	0.206	0.916	0.448
RS2749812	0.320	0.895	0.448
RS751271	0.617	0.564	0.448
RS11588654	0.966	0.331	0.448
RS3843293	0.791	0.436	0.449
RS3805221	0.062	0.511	0.449
RS230547	0.125	0.717	0.449
RS879537	0.774	0.212	0.450
RS5744355	0.961	0.316	0.450
RS1560160	0.239	0.953	0.452
RS4253243	0.859	0.267	0.452
RS714910	0.949	0.272	0.452
RS6441948	0.222	0.904	0.453
RS1065205	0.432	0.783	0.454
RS738806	0.579	0.138	0.457
RS2304908	0.965	0.299	0.458
RS816351	0.023	0.326	0.458
RS125810	0.225	0.901	0.459
RS10067096	0.472	0.713	0.459
RS11466741	0.879	0.396	0.459
RS3776526	0.511	0.698	0.461
RS1554973	0.270	0.993	0.461
RS4611572	0.204	0.920	0.461
RS5743407	0.712	0.520	0.462
RS2980924	0.502	0.681	0.462
RS4401102	0.226	0.885	0.462
RS3759333	0.513	0.706	0.463
RS13326331	0.249	0.961	0.465
RS1039559	0.191	0.874	0.466
RS10897270	0.317	0.927	0.466
RS3917681	0.410	0.813	0.466
RS7528588	0.381	0.857	0.467
RS6844764	0.931	0.365	0.468
RS7099684	0.378	0.817	0.468
RS3794834	0.899	0.408	0.468
RS748694	0.960	0.304	0.469

RS16910280	0.905	0.396	0.470
RS2275954	0.098	0.618	0.471
RS3093002	0.388	0.099	0.472
RS243317	0.726	0.186	0.472
RS2227667	0.182	0.826	0.474
RS281440	0.083	0.638	0.475
RS224205	0.824	0.249	0.475
RS3917709	0.158	0.743	0.475
RS5743899	0.547	0.122	0.476
RS9868455	0.446	0.788	0.476
RS1169670	0.961	0.365	0.476
RS876650	0.712	0.514	0.477
RS6434435	0.136	0.658	0.477
RS237554	0.306	0.037	0.477
RS17006215	0.732	0.522	0.478
RS2295957	0.366	0.945	0.478
RS1471962	0.061	0.488	0.480
RS7273717	0.063	0.516	0.480
RS1898671	0.802	0.481	0.481
RS11888	0.977	0.365	0.481
RS3917410	0.270	0.963	0.481
RS2227714	0.703	0.550	0.482
RS2289588	0.427	0.824	0.482
RS3766122	0.457	0.781	0.482
RS3027215	0.863	0.287	0.483
RS6427213	0.990	0.336	0.483
RS17245204	0.311	0.945	0.484
RS2491393	0.276	0.980	0.485
RS8135343	0.651	0.599	0.487
RS17006255	0.882	0.450	0.488
RS9675994	0.104	0.576	0.489
RS13090836	0.176	0.775	0.490
RS2074724	0.766	0.509	0.491
RS281438	0.362	0.893	0.491
RS12484031	0.706	0.199	0.492
RS167428	0.241	0.899	0.493
RS408121	0.148	0.708	0.494

RS8090438	0.995	0.352	0.494
RS6749704	0.560	0.702	0.495
RS2042247	0.497	0.756	0.496
RS170963	0.077	0.509	0.497
RS12129787	0.490	0.777	0.497
RS9578196	0.486	0.759	0.498
RS2279785	0.129	0.625	0.500
RS2853699	0.602	0.657	0.502
RS1799983	0.778	0.518	0.502
RS10427094	0.256	0.905	0.504
RS8081047	0.798	0.522	0.505
RS10095331	0.247	0.928	0.505
RS2494251	0.233	0.868	0.507
RS11575089	0.171	0.681	0.508
RS268594	0.146	0.026	0.509
RS6069672	0.193	0.816	0.509
RS1341022	0.869	0.301	0.509
RS12943817	0.541	0.735	0.510
RS803014	0.569	0.144	0.511
RS17664818	0.948	0.324	0.512
RS3091322	0.944	0.340	0.512
RS1732893	0.936	0.357	0.513
RS3212701	0.085	0.008	0.514
RS3782218	0.821	0.298	0.514
RS708486	0.545	0.150	0.514
RS4941210	0.976	0.366	0.515
RS1558802	0.408	0.903	0.516
RS1697142	0.231	0.822	0.517
RS2295663	0.442	0.155	0.518
RS13275170	0.997	0.394	0.518
RS2076059	0.836	0.504	0.518
RS2230205	0.508	0.179	0.519
RS3821801	0.494	0.138	0.519
RS2292350	0.935	0.422	0.519
RS5750326	0.794	0.270	0.519
RS2287886	0.200	0.794	0.521
RS12544296	0.362	0.938	0.521

RS2230399	0.456	0.818	0.522
RS3093006	0.116	0.481	0.522
RS4720672	0.599	0.694	0.524
RS6770096	0.531	0.754	0.524
RS1046673	0.046	0.306	0.526
RS836551	0.647	0.667	0.526
RS1927906	0.635	0.673	0.528
RS12703107	0.772	0.543	0.528
RS3917010	0.991	0.432	0.529
RS9797244	0.920	0.362	0.530
RS281432	0.460	0.845	0.530
RS702484	0.809	0.516	0.531
RS4656701	0.456	0.848	0.531
RS925847	0.405	0.925	0.531
RS10503360	0.264	0.870	0.531
RS753733	0.647	0.656	0.532
RS1960669	0.820	0.276	0.532
RS10162089	0.235	0.786	0.532
RS12707453	0.416	0.930	0.534
RS1883113	0.189	0.613	0.536
RS925453	0.908	0.476	0.536
RS4821609	0.915	0.355	0.536
RS712276	0.928	0.370	0.536
RS11064160	0.825	0.525	0.536
RS729925	0.963	0.403	0.537
RS4648090	0.364	0.995	0.538
RS6605579	0.774	0.575	0.538
RS2734700	0.756	0.571	0.539
RS1879417	0.682	0.653	0.540
RS3845466	0.500	0.162	0.540
RS7834209	0.296	0.082	0.542
RS2741688	0.799	0.558	0.543
RS3093077	0.035	0.169	0.543
RS13029532	0.835	0.534	0.544
RS16994490	0.756	0.300	0.545
RS1848450	0.076	0.432	0.546
RS13135645	0.414	0.927	0.546

RS10824800	0.212	0.766	0.547
RS4769055	0.728	0.614	0.547
RS3917739	0.179	0.707	0.547
RS7274607	0.617	0.718	0.548
RS10116271	0.451	0.136	0.548
RS11536889	0.625	0.714	0.549
RS4238087	0.814	0.577	0.549
RS17312836	0.732	0.616	0.550
RS5743611	0.211	0.784	0.553
RS1266071	0.976	0.436	0.556
RS3867263	0.313	0.927	0.556
RS779904	0.239	0.747	0.556
RS2738120	0.910	0.503	0.556
RS4648110	0.417	0.951	0.557
RS308439	0.299	0.973	0.557
RS6671947	0.889	0.355	0.558
RS11603020	0.930	0.491	0.558
RS3780901	0.391	0.988	0.558
RS9658354	0.455	0.913	0.559
RS4807650	0.001	0.023	0.559
RS884113	0.151	0.633	0.559
RS729749	0.371	0.136	0.560
RS308447	0.929	0.383	0.561
RS4957361	0.096	0.472	0.562
RS6024718	0.298	0.883	0.562
RS3828511	0.586	0.190	0.562
RS1008563	0.948	0.480	0.562
RS1402745	0.539	0.179	0.563
RS12638201	0.412	0.961	0.564
RS4853540	0.521	0.162	0.565
RS6967221	0.711	0.660	0.566
RS4821544	0.498	0.860	0.567
RS7968584	0.162	0.638	0.568
RS6127776	0.047	0.286	0.568
RS10800309	0.466	0.900	0.569
RS5743291	0.516	0.843	0.569
RS7040033	0.535	0.189	0.570

RS11569450	0.247	0.884	0.571
RS6503075	0.364	0.113	0.571
RS11042484	0.207	0.742	0.572
RS3091324	0.385	0.998	0.574
RS1558001	0.551	0.827	0.574
RS6136	0.945	0.484	0.574
RS2279078	0.901	0.394	0.574
RS1780629	0.042	0.283	0.574
RS2301247	0.510	0.889	0.575
RS348390	0.092	0.421	0.575
RS3753305	0.599	0.786	0.576
RS3782928	0.877	0.544	0.576
RS2241393	0.675	0.253	0.577
RS854477	0.405	0.138	0.577
RS5744478	0.416	0.971	0.577
RS11667267	0.016	0.145	0.578
RS2000467	0.991	0.467	0.579
RS10983754	0.923	0.500	0.579
RS4656108	0.557	0.830	0.580
RS3782347	0.322	0.872	0.581
RS4332159	0.770	0.626	0.582
RS308434	0.752	0.644	0.583
RS2702829	0.812	0.338	0.583
RS6950982	0.675	0.729	0.584
RS5746151	0.288	0.823	0.584
RS4073260	0.407	0.972	0.585
RS665691	0.537	0.862	0.586
RS2738116	0.936	0.512	0.586
RS7614342	0.365	0.933	0.587
RS3885907	0.317	0.839	0.587
RS3748671	0.210	0.075	0.590
RS4683147	0.747	0.676	0.590
RS13168926	0.482	0.933	0.591
RS698094	0.823	0.594	0.592
RS17735961	0.365	0.943	0.593
RS11706450	0.379	0.938	0.594
RS875890	0.864	0.564	0.594

RS12489890	0.781	0.624	0.595
RS1732877	0.685	0.738	0.596
RS4890788	0.384	0.969	0.596
RS4251520	0.820	0.622	0.597
RS4445746	0.273	0.798	0.597
RS17765088	0.251	0.788	0.598
RS6531670	0.222	0.687	0.598
RS4489574	0.587	0.221	0.599
RS1618440	0.338	0.130	0.601
RS7656411	0.910	0.539	0.601
RS911248	0.333	0.882	0.601
RS7574865	0.176	0.620	0.603
RS8069976	0.776	0.663	0.604
RS17361077	0.369	0.928	0.604
RS11080358	0.190	0.590	0.605
RS926065	0.915	0.417	0.605
RS4496877	0.813	0.619	0.606
RS4287627	0.952	0.487	0.606
RS874603	0.151	0.577	0.607
RS11953839	0.966	0.474	0.608
RS12087872	0.579	0.219	0.609
RS308382	0.113	0.435	0.609
RS2779252	0.680	0.737	0.610
RS2239621	0.449	0.998	0.613
RS1789256	0.587	0.262	0.613
RS4890875	0.812	0.381	0.613
RS11172106	0.557	0.877	0.614
RS3735520	0.898	0.579	0.615
RS12980031	0.596	0.238	0.615
RS3780906	0.259	0.753	0.619
RS2051344	0.780	0.394	0.620
RS2070682	0.226	0.687	0.620
RS4251513	0.331	0.851	0.622
RS4413571	0.646	0.783	0.622
RS10438740	0.083	0.400	0.623
RS3746732	0.972	0.528	0.624
RS7599504	0.461	0.152	0.624



RS708035	0.311	0.809	0.624
RS10027153	0.383	0.867	0.624
RS12151125	0.096	0.412	0.625
RS8137602	0.056	0.341	0.625
RS4795896	0.911	0.451	0.626
RS2023906	0.779	0.357	0.627
RS1123425	0.424	0.936	0.628
RS2569190	0.815	0.379	0.628
RS13126816	0.991	0.540	0.630
RS9900213	0.527	0.934	0.631
RS8072199	0.622	0.296	0.631
RS1422795	0.859	0.643	0.631
RS12264801	0.669	0.802	0.633
RS3093007	0.150	0.530	0.633
RS5745696	0.861	0.414	0.634
RS7444800	0.649	0.809	0.635
RS2333686	0.962	0.558	0.635
RS533116	0.664	0.830	0.635
RS2236938	0.594	0.876	0.636
RS11057065	0.574	0.888	0.637
RS4240691	0.292	0.746	0.638
RS17682491	0.684	0.800	0.639
RS7790870	0.469	0.217	0.640
RS171094	0.943	0.573	0.640
RS7217186	0.574	0.254	0.642
RS1705392	0.033	0.180	0.642
RS1984309	0.143	0.503	0.642
RS2420378	0.616	0.868	0.642
RS3917012	0.559	0.914	0.643
RS2227589	0.957	0.496	0.644
RS12740591	0.588	0.906	0.644
RS3810194	0.713	0.775	0.645
RS2291427	0.685	0.797	0.646
RS3792298	0.427	0.916	0.647
RS744141	0.546	0.939	0.647
RS11085101	0.007	0.055	0.647
RS1552227	0.534	0.955	0.647

RS3813729	0.956	0.561	0.648
RS7617872	0.410	0.892	0.648
RS624298	0.816	0.699	0.648
RS3769618	0.184	0.561	0.649
RS3917744	0.835	0.699	0.650
RS2075938	0.513	0.973	0.650
RS4253246	0.701	0.787	0.650
RS4704883	0.654	0.812	0.650
RS1780624	0.318	0.779	0.651
RS3176869	0.272	0.666	0.653
RS2239773	0.650	0.828	0.654
RS2808467	0.722	0.357	0.654
RS16969415	0.802	0.717	0.656
RS4686864	0.634	0.879	0.657
RS324013	0.679	0.814	0.657
RS17038412	0.660	0.322	0.657
RS2070902	0.156	0.512	0.658
RS3176766	0.220	0.648	0.659
RS4952236	0.671	0.836	0.660
RS12990918	0.252	0.605	0.660
RS12937410	0.395	0.203	0.661
RS6556091	0.770	0.756	0.661
RS3181049	0.323	0.788	0.663
RS1551443	0.686	0.325	0.665
RS3024974	0.118	0.446	0.666
RS3844283	0.356	0.791	0.666
RS764916	0.827	0.699	0.667
RS13073976	0.305	0.657	0.667
RS1884655	0.701	0.788	0.667
RS3805715	0.677	0.860	0.670
RS7952385	0.447	0.211	0.670
RS2511990	0.248	0.645	0.671
RS11132383	0.700	0.346	0.671
RS10845008	0.595	0.348	0.671
RS11876937	0.632	0.880	0.672
RS3557	0.740	0.388	0.672
RS3091309	0.803	0.442	0.672

RS9859639	0.206	0.571	0.673
RS12709102	0.793	0.402	0.674
RS679350	0.359	0.814	0.675
RS4820274	0.267	0.116	0.676
RS4656308	0.778	0.756	0.676
RS3091237	0.163	0.537	0.677
RS7529425	0.340	0.716	0.677
RS1353939	0.673	0.304	0.677
RS709045	0.185	0.547	0.678
RS2619508	0.713	0.374	0.678
RS4704871	0.557	0.304	0.679
RS11784359	0.382	0.840	0.680
RS5743794	0.653	0.870	0.680
RS1144911	0.485	0.239	0.682
RS2791494	0.214	0.641	0.682
RS11080372	0.549	0.274	0.683
RS545654	0.771	0.396	0.684
RS683916	0.912	0.496	0.684
RS5743507	0.810	0.748	0.685
RS10168266	0.425	0.225	0.685
RS816293	0.441	0.859	0.685
RS760462	0.822	0.732	0.685
RS4468690	0.619	0.873	0.686
RS2382987	0.735	0.802	0.687
RS4383207	0.826	0.457	0.690
RS1429372	0.669	0.881	0.691
RS2373929	0.166	0.069	0.691
RS6105	0.789	0.456	0.691
RS2278635	0.931	0.639	0.692
RS11465307	0.033	0.012	0.693
RS4694068	0.860	0.713	0.693
RS8074003	0.747	0.366	0.694
RS3765989	0.725	0.818	0.694
RS6413453	0.843	0.502	0.694
RS2240478	0.339	0.160	0.695
RS6896064	0.592	0.964	0.696
RS5746136	0.512	0.950	0.696

RS3024971	0.640	0.321	0.696
RS6048546	0.911	0.678	0.697
RS1168758	0.994	0.617	0.697
RS1984266	0.613	0.953	0.697
RS3816997	0.570	0.331	0.698
RS760456	0.998	0.617	0.699
RS2753377	0.939	0.649	0.701
RS5760093	0.567	0.992	0.701
RS3924112	0.402	0.857	0.701
RS3917854	0.669	0.900	0.702
RS7492	0.834	0.489	0.703
RS12084893	0.601	0.963	0.703
RS2243828	0.183	0.444	0.703
RS3105782	0.931	0.543	0.704
RS2285747	0.856	0.737	0.705
RS760694	0.956	0.649	0.707
RS2761435	0.774	0.785	0.708
RS1885002	0.350	0.753	0.708
RS3107215	0.957	0.563	0.708
RS816353	0.879	0.730	0.709
RS17260228	0.754	0.847	0.709
RS4253311	0.638	0.920	0.710
RS1152912	0.830	0.768	0.711
RS10279968	0.430	0.820	0.711
RS4674261	0.693	0.409	0.712
RS2659056	0.534	0.961	0.714
RS6106598	0.864	0.530	0.716
RS10432782	0.929	0.573	0.717
RS1800947	0.823	0.552	0.717
RS883182	0.993	0.639	0.717
RS1444903	0.827	0.757	0.718
RS2110586	0.159	0.518	0.719
RS5744463	0.821	0.785	0.720
RS710459	0.609	0.977	0.720
RS186493	0.533	0.941	0.720
RS7044464	0.347	0.756	0.721
RS12721035	0.791	0.809	0.721

RS1799969	0.605	0.999	0.722
RS3093032	0.585	0.997	0.722
RS10900213	0.624	0.365	0.722
RS2071409	0.784	0.809	0.722
RS2304595	0.879	0.738	0.723
RS2289278	0.480	0.322	0.724
RS2335534	0.497	0.920	0.726
RS11611788	0.441	0.772	0.727
RS17382179	0.629	0.970	0.727
RS10189819	0.351	0.705	0.727
RS6691053	0.376	0.719	0.727
RS884847	0.668	0.919	0.727
RS470895	0.848	0.771	0.728
RS2269066	0.433	0.779	0.729
RS5741800	0.164	0.459	0.729
RS920724	0.375	0.735	0.730
RS7215288	0.207	0.511	0.732
RS2838729	0.220	0.573	0.733
RS1487562	0.739	0.875	0.733
RS4288398	0.640	0.964	0.733
RS4861699	0.362	0.744	0.734
RS4969170	0.549	0.940	0.735
RS647571	0.749	0.854	0.736
RS10058233	0.278	0.147	0.738
RS2508443	0.975	0.639	0.740
RS12601982	0.586	0.957	0.741
RS3136671	0.172	0.417	0.742
RS17248462	0.830	0.798	0.744
RS9842716	0.884	0.761	0.744
RS2702833	0.375	0.735	0.746
RS6771578	0.841	0.790	0.746
RS11667699	0.478	0.875	0.749
RS5741812	0.204	0.497	0.749
RS10071904	0.814	0.823	0.749
RS11575584	0.647	0.988	0.750
RS7298903	0.894	0.574	0.750
RS4028634	0.160	0.386	0.750

RS5082	0.388	0.727	0.752
RS9912048	0.512	0.302	0.752
RS198977	0.935	0.730	0.753
RS2741689	0.466	0.846	0.754
RS10454970	0.586	0.353	0.754
RS3782522	0.673	0.454	0.756
RS4656699	0.577	0.948	0.757
RS4259650	0.467	0.836	0.757
RS11239524	0.735	0.930	0.757
RS2074437	0.252	0.553	0.757
RS3733492	0.745	0.901	0.758
RS12150211	0.333	0.647	0.758
RS3788523	0.730	0.480	0.759
RS1827924	0.719	0.929	0.760
RS11466657	0.247	0.485	0.760
RS17026	0.748	0.912	0.764
RS622299	0.796	0.876	0.764
RS7653908	0.769	0.543	0.767
RS12489891	0.869	0.786	0.767
RS17660901	0.842	0.829	0.767
RS2255929	0.950	0.743	0.767
RS6942478	0.872	0.556	0.768
RS2115819	0.813	0.536	0.769
RS2738112	0.864	0.588	0.769
RS7694627	0.564	0.907	0.769
RS7480563	0.951	0.658	0.769
RS12431114	0.302	0.661	0.770
RS198979	0.165	0.457	0.770
RS3853683	0.471	0.762	0.770
RS3093030	0.224	0.489	0.771
RS7551957	0.813	0.871	0.771
RS4704870	0.862	0.576	0.771
RS1152918	0.721	0.969	0.772
RS10854693	0.082	0.269	0.772
RS4792199	0.937	0.755	0.773
RS1860190	0.245	0.151	0.774
RS1076637	0.804	0.880	0.775

RS6119276	0.530	0.858	0.776
RS2702938	0.626	0.969	0.778
RS11595876	0.800	0.890	0.779
RS6503076	0.101	0.325	0.780
RS3027300	0.496	0.790	0.781
RS17198395	0.592	0.915	0.782
RS3782924	0.788	0.558	0.782
RS11717574	0.778	0.912	0.783
RS7944723	0.796	0.535	0.785
RS2531863	0.444	0.749	0.785
RS2734690	0.449	0.743	0.786
RS7215658	0.472	0.786	0.786
RS2227631	0.815	0.874	0.787
RS7246794	0.816	0.870	0.787
RS2107538	0.526	0.402	0.787
RS1248696	0.689	0.479	0.788
RS2664153	0.441	0.733	0.788
RS2838737	0.787	0.572	0.790
RS4360988	0.438	0.311	0.791
RS7217655	0.464	0.764	0.792
RS4135385	0.837	0.863	0.792
RS720511	0.223	0.444	0.795
RS11720718	0.214	0.461	0.796
RS4077757	0.258	0.528	0.797
RS2455314	0.780	0.560	0.798
RS2622653	0.372	0.234	0.798
RS230510	0.839	0.599	0.798
RS11260013	0.822	0.595	0.799
RS1126618	0.454	0.333	0.799
RS17473335	0.288	0.491	0.799
RS9916382	0.612	0.423	0.800
RS9313634	0.832	0.637	0.801
RS2739476	0.956	0.772	0.801
RS1697143	0.391	0.273	0.801
RS5030728	0.427	0.324	0.801
RS4368711	0.827	0.615	0.803
RS4720004	0.576	0.861	0.806

RS163913	0.955	0.770	0.806
RS16851469	0.974	0.727	0.809
RS3760728	0.808	0.916	0.809
RS4671871	0.810	0.908	0.809
RS206855	0.610	0.438	0.809
RS17226566	0.853	0.892	0.812
RS3027208	0.380	0.276	0.812
RS324058	0.721	0.995	0.814
RS198968	0.657	0.463	0.815
RS2842754	0.904	0.685	0.815
RS3935951	0.153	0.407	0.817
RS6865420	0.594	0.875	0.817
RS836554	0.725	0.543	0.817
RS17258746	0.881	0.849	0.817
RS671137	0.909	0.823	0.818
RS11672613	0.518	0.789	0.820
RS3889277	0.574	0.868	0.821
RS11587213	0.718	0.522	0.822
RS2232618	0.846	0.871	0.822
RS6747563	0.408	0.675	0.823
RS5745646	0.739	0.559	0.823
RS2796278	0.355	0.615	0.825
RS2738173	0.912	0.847	0.825
RS2015070	0.746	0.547	0.826
RS10737548	0.976	0.791	0.827
RS4655914	0.353	0.493	0.827
RS7825750	0.643	0.504	0.830
RS2741112	0.537	0.807	0.830
RS17831682	0.562	0.438	0.830
RS971075	0.587	0.448	0.831
RS1428469	0.824	0.646	0.832
RS3087505	0.420	0.315	0.834
RS6503078	0.505	0.295	0.835
RS2459611	0.184	0.297	0.838
RS6503080	0.668	0.917	0.839
RS11616333	0.700	0.906	0.839
RS4526381	0.331	0.597	0.840



RS7126405	0.466	0.374	0.841
RS6762462	0.906	0.723	0.841
RS3804617	0.926	0.848	0.841
RS9607432	0.331	0.258	0.842
RS2740502	0.370	0.282	0.843
RS268600	0.198	0.150	0.844
RS11938826	0.717	0.947	0.844
RS2833475	0.204	0.440	0.845
RS11655833	0.411	0.281	0.845
RS1316873	0.011	0.057	0.846
RS11086565	0.925	0.751	0.847
RS3805711	0.863	0.897	0.848
RS2734335	0.219	0.378	0.850
RS5743289	0.541	0.802	0.852
RS6057649	0.769	0.626	0.852
RS3917862	0.654	0.461	0.853
RS5756381	0.580	0.814	0.854
RS4767535	0.723	0.937	0.854
RS308379	0.723	0.601	0.854
RS1979671	0.947	0.757	0.855
RS8112310	0.177	0.357	0.855
RS207444	0.921	0.731	0.857
RS11904439	0.633	0.433	0.857
RS641714	0.700	0.552	0.857
RS10420003	0.842	0.695	0.859
RS940339	0.416	0.609	0.860
RS3093009	0.385	0.611	0.862
RS1468673	0.444	0.351	0.862
RS12107082	0.120	0.225	0.863
RS7841223	0.997	0.833	0.865
RS7558921	0.637	0.867	0.866
RS2749817	0.955	0.774	0.869
RS470261	0.964	0.798	0.869
RS2791519	0.276	0.438	0.870
RS483589	0.812	0.997	0.871
RS6890674	0.587	0.538	0.871
RS658285	0.542	0.406	0.871

RS1417938	0.412	0.343	0.872
RS17714101	0.453	0.302	0.872
RS1982266	0.789	0.997	0.872
RS197589	0.260	0.234	0.872
RS9292794	0.256	0.482	0.873
RS4656994	0.836	0.661	0.874
RS8178407	0.600	0.795	0.874
RS3091328	0.218	0.182	0.875
RS737091	0.151	0.302	0.875
RS6600832	0.843	0.703	0.877
RS4948671	0.851	0.953	0.878
RS806019	0.719	0.925	0.879
RS696405	0.090	0.182	0.879
RS2293055	0.791	0.664	0.880
RS9644778	0.888	0.952	0.881
RS3176874	0.758	0.941	0.882
RS2970503	0.405	0.361	0.883
RS7641394	0.134	0.195	0.883
RS16832694	0.852	0.963	0.884
RS308441	0.888	0.941	0.886
RS1855025	0.355	0.294	0.886
RS2066843	0.977	0.830	0.886
RS3844280	0.782	0.675	0.886
RS1860264	0.350	0.505	0.886
RS11245935	0.882	0.942	0.886
RS7744	0.604	0.780	0.887
RS3136673	0.563	0.695	0.888
RS5519	0.731	0.627	0.889
RS3729790	0.903	0.920	0.889
RS3809882	0.762	0.653	0.890
RS3771300	0.193	0.357	0.890
RS366510	0.363	0.287	0.890
RS930507	0.422	0.621	0.890
RS17004044	0.243	0.389	0.891
RS2907749	0.734	0.920	0.891
RS760519	0.287	0.298	0.892
RS956239	0.676	0.590	0.894

RS901681	0.778	0.680	0.895
RS1389623	0.875	0.740	0.896
RS3829223	0.686	0.596	0.896
RS4795095	0.471	0.673	0.897
RS1837253	0.804	0.975	0.897
RS764917	0.955	0.907	0.898
RS13094773	0.622	0.773	0.900
RS3024851	0.975	0.828	0.901
RS2282582	0.457	0.627	0.901
RS4821542	0.535	0.460	0.902
RS2373961	0.981	0.886	0.903
RS2284659	0.233	0.380	0.904
RS11938657	0.169	0.287	0.905
RS11003137	0.591	0.759	0.907
RS389512	0.780	0.927	0.908
RS9315051	0.969	0.851	0.910
RS6502097	0.767	0.687	0.912
RS7574608	0.798	0.920	0.913
RS10507391	0.943	0.944	0.913
RS268626	0.316	0.441	0.913
RS13117745	0.641	0.783	0.914
RS1780627	0.253	0.389	0.914
RS9668031	0.184	0.329	0.915
RS8105483	0.785	0.702	0.916
RS13389224	0.925	0.811	0.917
RS149597	0.455	0.385	0.918
RS7918542	0.277	0.283	0.919
RS1248623	0.786	0.689	0.920
RS2066808	0.632	0.771	0.920
RS5743303	0.723	0.880	0.921
RS3024904	0.637	0.796	0.921
RS9892383	0.245	0.395	0.923
RS12153063	0.845	0.783	0.923
RS835209	0.112	0.197	0.923
RS4795067	0.480	0.603	0.924
RS10223101	0.382	0.359	0.926
RS1005510	0.674	0.612	0.926

RS2425358	0.454	0.635	0.927
RS4722986	0.992	0.917	0.927
RS4513579	0.441	0.432	0.928
RS6984215	0.934	0.971	0.928
RS11068446	0.989	0.895	0.929
RS2244529	0.618	0.573	0.929
RS1152888	0.655	0.602	0.929
RS700239	0.603	0.764	0.929
RS434473	0.492	0.463	0.930
RS6895161	0.475	0.635	0.930
RS3093012	0.732	0.824	0.930
RS10267377	0.812	0.937	0.931
RS17601035	0.228	0.226	0.931
RS2741109	0.856	0.948	0.932
RS13356677	0.634	0.748	0.933
RS3212855	0.656	0.618	0.933
RS3917438	0.552	0.703	0.934
RS291989	0.837	0.765	0.935
RS2977826	0.839	0.926	0.935
RS6057657	0.493	0.505	0.936
RS2228428	0.480	0.577	0.936
RS1041740	0.287	0.392	0.937
RS12142755	0.068	0.106	0.937
RS2035196	0.420	0.524	0.938
RS10947541	0.270	0.334	0.938
RS13340508	0.858	0.941	0.938
RS4452007	0.650	0.822	0.939
RS1007888	0.300	0.297	0.940
RS38402	0.810	0.887	0.941
RS5743369	0.834	0.925	0.943
RS2282583	0.457	0.579	0.943
RS916055	0.171	0.191	0.943
RS1864414	0.543	0.648	0.944
RS12187501	0.834	0.942	0.945
RS10797888	0.786	0.895	0.945
RS7537126	0.214	0.207	0.945
RS1774916	0.832	0.774	0.946

RS776514	0.983	0.897	0.946
RS6069668	0.456	0.470	0.947
RS4076128	0.975	0.920	0.949
RS11465352	0.063	0.139	0.949
RS1254609	0.333	0.424	0.950
RS12409568	0.760	0.758	0.950
RS7560571	0.407	0.392	0.951
RS4769871	0.822	0.746	0.951
RS2455307	0.618	0.721	0.952
RS4629524	0.474	0.451	0.952
RS3024979	0.704	0.676	0.952
RS1780617	0.812	0.907	0.953
RS8073066	0.460	0.470	0.954
RS3107217	0.272	0.421	0.959
RS1916661	0.849	0.786	0.960
RS609061	0.735	0.837	0.960
RS3917818	0.705	0.654	0.960
RS2163059	0.835	0.916	0.960
RS2659058	0.559	0.547	0.962
RS1358826	0.894	0.948	0.962
RS10745657	0.885	0.829	0.963
RS7443604	0.678	0.656	0.963
RS12711521	0.991	0.937	0.964
RS17220750	0.318	0.401	0.966
RS3774284	0.945	0.929	0.967
RS805286	0.396	0.422	0.968
RS17040	0.211	0.273	0.969
RS1585213	0.932	0.960	0.970
RS7826831	0.585	0.679	0.971
RS2072711	0.356	0.425	0.971
RS1905045	0.959	0.912	0.971
RS6451566	0.452	0.484	0.972
RS10496160	0.734	0.750	0.973
RS11003132	0.550	0.566	0.974
RS16870514	0.850	0.814	0.975
RS3176867	0.582	0.571	0.976
RS3822055	0.690	0.700	0.976

RS6572	0.585	0.651	0.977
RS6673422	0.929	0.888	0.978
RS11245936	0.826	0.879	0.979
RS4648022	0.698	0.713	0.979
RS1907635	0.702	0.667	0.980
RS13149271	0.474	0.484	0.980
RS3764868	0.460	0.502	0.980
RS470821	0.439	0.505	0.981
RS17301153	0.804	0.839	0.981
RS1429376	0.968	0.952	0.982
RS7582426	0.597	0.588	0.982
RS1642736	0.789	0.824	0.983
RS10489624	0.697	0.711	0.984
RS1862405	0.124	0.239	0.984
RS4648127	0.964	0.981	0.985
RS713016	0.910	0.966	0.987
RS4807651	0.737	0.783	0.990
RS3917461	0.687	0.722	0.990
RS13271014	0.670	0.679	0.991
RS9901734	0.743	0.778	0.992
RS1822821	0.853	0.861	0.992
RS6451568	0.948	0.939	0.993
RS4142863	0.264	0.323	0.993
RS6695096	0.843	0.865	0.994
RS7295972	0.771	0.797	0.994
RS13175903	0.639	0.653	0.995
RS1951626	0.281	0.361	0.997
RS16833260	0.858	0.860	0.999
RS261752	0.810	0.828	0.999
RS17186582	0.715	0.764	0.999
RS5743867	0.543	0.574	1.000